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A12	Passive vibration control of structures subjected to random ground excitation utilizing sloshing in rectangular tanks		Takashi Ikeda Raouf A. Ibrahim		Trans. ASME, J. Pressure Vessel Technology, 136, 1 (2014) pp. 011801-1-011801-11	j ¶
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A32	Experimental Study on In-Cross Flow Spray Injected by Hole-Type Nozzle for DISI Engine		Ryousuke Kishi Min Gu Baolu Shi Youichi Ogata Keiya Nishida Yoshitaka Wada		USB Proceedings of 26th Annual Conference of Liquid Atomization and Spray Systems-Europe (ILASS-2014), ABS-185 (2014) pp. 1-11	
A33	Self-Propulsion of a Killifish from Impulsive Starts		Youichi Ogata Yuji Moriyama Takayuki Azama Chisato Tanaka Keiya Nishida		Proc. of Advances in Computational Fluid-Structure Interaction and Flow Simulation, (2014)	
A34	Tracer LAS Technique for Quantitative Mixture Concentration Measurement of Evaporating Diesel Spray		Takeru Matsuo Kuichun Li Masayuki Itamochi Keiya Nishida Youichi Ogata Baolu Shi Daisuke Shimo Makoto Namba Sang-Kyu Kim Jun Kanzaki		USB Proceedings of 17th Annual Conference of Liquid Atomization and Spray Sytems-Asia (ILASS-Asia 2014), (2014) pp. 1-11	
A35	Characterization of the Ignition and Combustion Processes of Spray Injected by Hole-Type Nozzle for a Direct-Injection Spark Ignition Engine		Run Chen Keiya Nishida Hajime Kataoka		Proceedings of Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 228, 6 (2014) pp. 617-630	
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A38	Small Injection Amount Fuel Spray Characteristics Injected by Hole-Type Nozzle for D.I. Diesel Engine		Keiia Nishida Kuichun Li Takeru Matsuo Daisuke Shimo Wu Zhang		Proceedings of SAE 2014 Small Engine Technology Conference, 2014-32-0124 (2014) pp. 1-11	
A39	Small Injection Amount Fuel Spray Characteristics Injected by Hole-Type Nozzle for D.I. Diesel Engine		Keiia Nishida Kuichun Li Takeru Matsuo Daisuke Shimo Wu Zhang		SAE International Journal of Engines, 8, 1 (2014) pp. 277-287	
A40	Numerical Studies of Spray Combustion Processes of Palm Oil Biodiesel and Diesel Fuels Using Reduced Chemical Kinetic Mechanisms		Olawole Abiola Kuti Sarathy Subramaniam Keiia Nishida William L. Roberts		Proceedings of SAE 2014 World Congress, SAE 2014-01-1143 (2014) pp. 1-12	
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A45	GPU Implementation of Food Foraging Problem for Evolutionary Swarm Robotics Systems		Kazuhiro Ohkura Toshiyuki Yasuda Yoshiyuki Matsumura Masaki Kadota		Proceedings of 9th International Conference on Swarm Intelligence, (2014) pp. 238-245	
A46	Response Threshold-Based Task Allocation in a Reinforcement Learning Robotid Swarm		Toshiyuki Yasuda Koki Kage Kazuhiro Ohkura		Proceedings of IEEE 7th International Workshop on Computational Intelligence and Applications, (2014) pp. 189-194	
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A62	Proceedings of the ISFA 2012 International Symposium on Flexible Automation			Mitsunobu Yoda Toru Eguchi Takeshi Murayama		Efficient Job Shop Scheduling by Sequentially Fixing Partial Schedules, (2014)

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B14	Effect of SiO ₂ amount on microstructures and tensile properties of alumina fiber-reinforced composites by low-pressure infiltration method		Moonhee Lee Yongbum Choi Kazuhiro Matsugi Gen Sasaki Tulugan Kelimu		Journal of composite materials, 48, 27 (2014) pp. 3435-3441	¶
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B30	Supercritical water gasification of ethanol fermentation residue of seaweed: effect of sodium chloride salt		Mohd Haf Basha bin Mohamad Jamal Basha Yukihiko Matsumura Yutaka Nakashimada Toshinori Tsuru Tomoaki Minowa Yasufumi Mishima		International Journal of Nano and Biomaterials, 5, 1 (2014) pp. 3-13	j ¶
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B36	Gasification characteristics of amino acids in supercritical water		Thachanan Samanmulya Shuhei Inoue Takahito Inoue Yoshifumi Kawai Haruhito Kubota Hiroto Munetsuna Takashi Noguchi Yukihiko Matsumura		J. Jpn. Inst. Energy, 93, 9 (2014) pp. 936-943	j ¶
B37	Evaluation of marine sediments as microbial sources for methane production from brown algae under high salinity		Toyokazu Miura Akihisa Kita Yoshiko Okamura Tsunehiro Aki Yukihiko Matsumura Takahisa Tajima Junichi Kato Yutaka Nakashimada		Bioresource Technology, 169 (2014) pp. 362-366	j ¶

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B38	Value-added lipid production from brown seaweed biomass by two-stage fermentation using acetic acid bacterium and thraustochytrid		Kim Hazel V. Ara les Hiroaki Iwasaka Yuri Eramoto Yoshiko Okamura Takahisa Tajima Yukihiro Matsumura Yutaka Nakashimada Tsunehiro Aki		Applied Microbiology and Biotechnology, 98, 22 (2014) pp. 9207-9216	j ¶
B39	New approach of catalyst-free biodiesel production from canola oil in supercritical tert-butyl methyl ether (MTBE)		Obie Farobie Yukihiro Matsumura		Fuel, 135, 1 (2014) pp. 172-181	j ¶
B40	Precursor and formation mechanism of the synthesis of carbon nanotubes by chemical vapor deposition		Shuhei Inoue Daisuke Nakahara Yukihiro Matsumura		Chem. Phys. Lett. 616-617(2014) pp. 217-221	j ¶
B41	Flow visualization and mixing in a rapidly mixed type tubular burner		Baolu Shi Jie Hu Hongwei Peng Satoru Ishizuka		Experimental Thermal and Fluid Science, 54 (2014) pp. 1-11	j ¶
B42	Reexamination on methanol/oxygen combustion in a rapidly mixed type tubular burner		Baolu Shi Daisuke Shimokuri Satoru Ishizuka		Combustion and Flame, 161 (2014) pp. 1310-1325	j ¶
B43	An experimental study on the high frequency oscillatory combustion in tubular burners		Daisuke Shimokuri Yousuke Shiraga Kazuhiro Ishii Hidemi Toh Satoru Ishizuka		Combustion and Flame, 161 (2014) pp. 2025-2037	j ¶
B44	NOx reduction by a swirl burner				Optics and Lasers in Engineering, 56, 176 (2014) pp. 148-155	j ¶
B45	Experimental and numerical investigation on the flow field of swirl type tubular burner		Baolu Shi Haiyan Miao Satoru Ishizuka Keiya Nishida		Proceedings of the ASME 2014 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference, (2014) pp. DETC2014-34496	j ¶
B46	Parametric amplification of attosecond pulse trains at 11 nm		J. Seres E. Seres B. Landgraf B. Ecker B. Aurand A. Ho mann G. Winkler S. Namba T. Kuehl C. Spielmann		Sci. Rep., 4 (2014) pp. 04254	j ¶
B47	Measurements of Localized Potential by LIF Polarization Spectroscopy in an Inertial-Electrostatic		T. Motoyasu S. Namba K. Takiyama		J. Korean Phys. Soc, 65 (2014) pp. 1205-1208	j ¶

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B48	Investigation of shock wave in an arc-G. Kumagawa jet He plasma by electric probe and emission spectroscopy		K. Kozue S. Fujino L. Matsuoka T. Endo S. Namba N. Tamura N. Ezumi		J. Korean Phys. Soc. 65 (2014) pp. 1252-1256	j ¶
B49	Theoretical study on isotope-selective dissociation of the Lithium Chloride molecule using a designed terahertz-wave field		Akira Ichihara Leo Matsuoka Yuzuru Kurosaki Keiichi Yokoyama		JPS Conf. Proc. 1, 013093 (2014) pp. 013093-1-013093-4	j ¶
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B52	A TPD and AR based comparison of accelerator neutron irradiation fields between ⁷ Li and W targets for BNCT		K. Tanaka S. Endo S. Yonai M. Baba M. Hoshi		Appl. Radiat. Isot. 88 (2014) pp. 229-232	j ¶
B53	Measurement of the strength of iodine-125 seed moving at unknown speed during implantation in brachytherapy		K. Tanaka S. Endo K. Tateoka O. Asanuma K. Kamo K. Sato H. Takeda M. Takagi M. Hareyama J. Takada		J Radiat. Res 55 (2014) pp. 162-167	j ¶
B54	Study on detecting spatial distribution of neutrons and gamma rays using a multi-imaging plate system		K. Tanaka S. Endo S. Yonai M. Baba M. Hoshi		Appl. Radiat. Isot. 88 (2014) pp. 143-146	j ¶
B55	Estimation of β-ray dose in air and soil from Fukushima Daiichi Power Plant accident		S. Endo K. Tanaka T. Kajimoto N. T. Thanh J. M. Otaki T. Imanaka		J. Radiat. Res 55 (2014) pp. 476-483	j ¶

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B56	Unraveling Low-Level Radiation-Responsive Changes of Early and Late Genes in Leaves of Rice Seedlings at litate Village, Fukushima		Gamma G. Hayashi Shibato I. Imanaka K. Cho A. Kubo S. Kikuchi K. Satoh S. Kimura S. Ozawa S. Fukutani S. Endo K. Ichikawa G. K. Agrawal S. Shioda M. Fukumoto R. Rakwal		The Journal of Heredity,105, 5 (2014) pp. 723-738	j ¶
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B58	Strength estimation of a moving ¹²⁵ Iodine source during implantation in brachytherapy: application to linked sources		K. Tanaka S. Endo K. Tateoka O. Asanuma M. Hori M. Takagi G. Bengua K. Kamo K. Sato H. Takeda M. Hareyama K. Sakata J. Takada		J. Radiat. Res55 (2014) pp. 1146-1152	j ¶
B59	A comparison of the dose distributions between the brachytherapy ¹²⁵ I source models, STM ²⁵¹ and Oncoseed 6711, in a geometry lacking radiation equilibrium scatter conditions		K. Tanaka K. Kamo K. Tateoka O. Asanuma K. Sato H. Takeda K. Sakata J. Takada		Journal of Radiation Research, j ¶ (2014)	j ¶
B60	A dosimetry method for low dose rate brachytherapy by EGS5 combined with regression to reflect source strength shortage		K. Tanaka K. Tateoka O. Asanuma K. Kamo K. Sato H. Takeda M. Takagi M. Hareyama J. Takada		Journal of Radiation Research55 (2014) pp. 608-612	j ¶

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B61	Near-threshold ${}^7\text{Li}(p,n){}^7\text{Be}$ neutrons on the practical conditions using thick Li-N target and Gaussian proton energies for BNCT.	T. Kobayashi N. Hayashizaki Katabuchi K. Tanaka G. Bengua N. Nakao K. Kosako			Applied Radiation and Isotopes (2014) pp. 214-224	j ¶
B62	Benchmark of EGS5 for ${}^{125}\text{I}$ brachytherapy in comparison to glass rod dosimeter and treatment planning system using AAPM-TR43U1 formalism	K. Tanaka K. Tateoka O. Asanuma K. Kamo K. Sato H. Takeda M. Takagi M. Hareyama J. Takada			Progress of Nuclear Science and Technology (2014) pp. 888-890	j ¶
B63	Measurements and parameterization of neutron energy spectra from targets bombarded with 120 GeV protons	T. Kajimoto N. Shigyo T. Sanami Y. Iwamoto M. Hagiwara H.S. Lee A. Soha E. Ramberg R. Coleman D. Jensen A. Leveling N.V. Mokhov D. Boehnlein K. Vaziri Y. Sakamoto K. Ishibashi H. Nakashima			Nucl. Instrum. Methods B (2014) pp. 68-74	j ¶
B64	Systematics of thick target neutron yields for reactions of hundred GeV protons on target	T. Sanami Y. Iwamoto T. Kajimoto N. Shigyo M. Hagiwara H.S. Lee E. Ramberg A. Soha D. Jensen A. Leveling N.V. Mokhov D. Boehnlein K. Vaziri K. Ishibashi Y. Sakamoto H. Nakashima			Prog. Nucl. Sci. Technol. (2014) pp. 341-344	j ¶

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B65	Research activities on Japanese and American Study of Interaction and Neutron detection	JASMIN: Muon	H. Nakashima N.V. Mokhov Y. Kasugai N. Matsuda Y. Iwamoto Y. Sakamoto D. Boehnlein A. Leveling K. Vaziri R. Coleman D. Jensen E. Ramberg A. Soha T. Sanami H. Matsumura M. Hagiwara A. Toyoda H. Iwase H. Hirayama T. Nakamura S. Sekimoto H. Yashima T. Kajimoto et al.		Prog. Nucl. Sci. Technol. (2014) pp. 191-196	j ¶
B66	SUS304 μ Æ ï è μ ï w ¼ Á S ' y V ! ì w — — { c ^ • ^ q Û « é Ê ë ! =		t ò ° à , Z 8 G ú a ò b > ï		¼ Q q C », 55, 642 (2014) pp. 615-619	j ¶
B67	Forming Limits of Several High-Strength Steel Sheets under Proportional Deformation Paths	Onah-	Ryutaro Hino Satoki Yasuhara Yutaka Fujii Atsushi Hirahara Fusahito Yoshida		Advanced Materials Research (2014) pp. 260-265	j ¶
B68	E fects of Temperature and Speed on Square Cup Drawability of Magnesium Alloy Sheet	Forming	Takashi Katahira Tetsuo Naka Yasuhide Nakayama Ryutaro Hino Fusahito Yoshida		Advanced Materials Research (2014) pp. 211-214	j ¶
B69	Cyclic Stress-Strain Response and Martensitic Transformation Behavior for 304 Stainless Steel	anah-	Hiroshi Hamasaki Eiichiro Ishimaru Fusahito Yoshida		Applied Mechanics and Materials, 510(2014) pp. 114-117	j ¶
B70	Springback of Copper Alloy Sheets after U-bending	af-	Hiroshi Hamasaki Yasuhiro Hattori Kingo Furukawa Fusahito Yoshida		Applied Mechanics and Materials, 510(2014) pp. 118-122	j ¶
B71	Stiffness Improvement of Stamping Die by Means of Topology Optimization	Stamping	Hiroshi Hamasaki Masayoshi Nakazono Ryutaro Hino Fusahito Yoshida Hideki Manabe Hiroki Kondo Vassili V. Toropov		Advanced Materials Research (2014) pp. 266-273	j ¶

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B72	Effect of Counter Punch Pressure on Springback of High Strength Steel Sheet		K. Lawanwong H. Hamasaki R. Hino F. Yoshida		Advanced Materials Research (2014) pp. 305-312	939 j ¶
B73	Mechanical behavior of 980MPa NANOHITEN TM at elevated temperatures and its effect on springback in warm forming		Toru Minote Yoshimasa Funakawa Naoko Saito Mitsugi Fukahori Hiroshi Hamasaki Fusahito Yoshida		Key Engineering Materials, 611-612(2014) pp. 11-18	j ¶
B74	Incremental forming with local heating by laser irradiation for magnesium alloy sheet		Ryutaro Hino Keita Kawabata Fusahito Yoshida		Procedia Engineering 91(2014) pp. 2330-2335	j ¶
B75	A model of anisotropy evolution of sheet metals		Fusahito Yoshida Hiroshi Hamasaki Takeshi Uemori		Procedia Engineering 91(2014) pp. 1216-1221	j ¶
B76	Bauschinger effect during unloading of cold-rolled copper alloy sheet and its influence on springback deformation after U-bending		Hiroshi Hamasaki Yasuhiro Hattori U-Kingo Furukawa Fusahito Yoshida		Procedia Engineering 91(2014) pp. 969-974	j ¶
B77	A novel technology to eliminate U-bending springback of high strength steel sheet by using additional bending with counter punch		Komgrit Lawanwong Hiroshi Hamasaki Ryutaro Hino Fusahito Yoshida		Procedia Engineering 91(2014) pp. 957-962	j ¶
B78	Observations of cyclic deformation behaviors of aluminum sheet and constitutive modeling		Takeshi Uemori Satoshi Sumikawa Tetsuo Naka Fusahito Yoshida		Procedia Engineering 91(2014) pp. 933-938	j ¶
B79	Deformation-induced martensitic transformation and workhardening of type 304 stainless steel sheet during draw-bending		Eiichiro Ishimaru Hiroshi Hamasaki Fusahito Yoshida		Procedia Engineering 91(2014) pp. 921-926	j ¶
B80	Prediction of Force-Displacement Relation of Stamped Spring of Copper-based Materials		Yasuhiro Hattori U-Kingo Furukawa Hiroshi Hamasaki Fusahito Yoshida		Proceedings of 27th International Conference on Electrical Contacts, (2014) pp. 102-107	j ¶
B81	Die-Bending of Adhesively Bonded Sheet Metals		M. Takiguchi T. Tokuda T. Yoshida T. Uemori F. Yoshida		Abstract of 12th Asia-Pacific Conference on Engineering Plasticity and Its Application, (2014) pp. 90-90	j ¶
B82	Finite Element Analysis of High Tensile Strength Steel Sheet by Using Complex Step Derivative Approximations		T. Uemori K. Miyake T. Naka M. Takiguchi F. Yoshida		Abstract of 12th Asia-Pacific Conference on Engineering Plasticity and Its Applications, (2014) pp. 43-43	j ¶
B83	Description of Anisotropy Evolution of Sheet Metals		F. Yoshida H. Hamasaki T. Uemori		Abstract of 12th Asia-Pacific Conference on Engineering Plasticity and Its Applications, (2014) pp. 35-35	j ¶

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B85	Fatigue strength of	USP-treated	J. Arakawa		Surface Engineering	30, 9 (2014) j ¶
ASTM CA6NM	for hydraulic turbine runner		M. Kakuta		pp. 662-669	
			R. Tanegashima			
			H. Akebono			
			M. Kato			
			A. Sugeta			
B86	E fects of coating thickness and inter-	Masahiko Kato			Materials Science and Engineering,	j ¶
facial roughness on cracking and delamination	strength of WC–Co coating measured by ring	Mahmoud Nazul			61 (2014)	
compression test		Takeshi Itti				
		Hiroyuki Akebono				
		Atsushi Sugeta				
		Eiji Mitani				
B87	E fect of Ultrasonic Shot Peening on	Jinta Arakawa			Proceedings of 11th International	j ¶
the Fatigue Strength of Stainless Cast Steel	ASTM CA6NM for Hydraulic Turbine Run-	Motoki Kakuta			Fatigue Congress, (2014)	
ner		Yoshiichirou Hayashi				
		Ryota Tanegashima				
		Hiroyuki Akebono				
		Masahiko Kato				
		Atsushi Sugeta				
B88	Fatigue Fracture Mechanism on Fric-	Sutep Joy-A-Ka			Proceedings of 20th European Con-	j ¶
tion Stir Spot Welded Joints Using 300MPa-	Class Automobile Steel Sheets	Yuki Ogawa			ference on Fracture, (2014)	
		Atsushi Sugetai				
		Yu feng Sun				
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B89	EFFECT OF PLATING SPEED ON	M. Kato			Proceedings of ACMFMS2014, j ¶	
FRICITION AND WEAR PROPERTIES OF	CRMO FILM AT ELEVATED TEMPERA-	K. Mitani			(2014)	
TURE		Y. Tanita			pp. 515-518	
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		A. Sugeta				
B90	Atomic Force Microscopy of Small	JiaYue DENG			Proceedings of The 2nd Japan-j ¶	
Fatigue Crack Initiation and Growth Behavior	in Ti-6Al-4V Alloy	Takurou NAKAMURA			China Joint Symposium on Fatigue	
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		Eisuke NAKAYAMA				
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		Masahiko Kato				
		Atsushi Sugeta				

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C1	Random fuzzy bilevel linear programming through possibility-based value at risk model		Hideki Katagiri Takeshi Uno Kosuke Kato Hiroshi Tsuda Hiroe Tsubaki		International Journal of Machine Learning and Cybernetics	5, 2 (2014) pp. 211-224
C2	A Stackelberg location with fuzzy random demands based upon possibility and necessity measures		Takeshi Uno Kosuke Kato Hideki Katagiri		International Journal of Knowledge Engineering and Soft Data Paradigms	4, 3 (2014) pp. 249-260
C3	Flexible route planning for sightseeing with fuzzy random and fatigue-dependent satisfactions		Takashi Hasuike Hideki Katagiri Hiroe Tsubaki Hiroshi Tsuda		Journal of Advanced Computational Intelligence and Intelligent Informatics	18, 2 (2014) pp. 190-196
C4	Interactive nonlinear optimization-based method for correcting the pin position in printed circuit board electrical inspections		Hideki Katagiri Masashi Morisawa Hongwei Wu Hiroshi Hamori Kosuke Kato		Proceedings of 2014 IEEE 7th International Workshop on Computational Intelligence & Application	(2014) pp. 77-82

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C10	Constructive method for appropriate membership function integrating fuzzy trophy with smoothing function into interval timation		Takashi Hasuike en-Hideki Katagiri es-Hiroe Tsubaki		Proceedings of Joint 7th International Conference on Soft Computing and Intelligent Systems and 15th International Symposium on Advanced Intelligent Systems, (2014) pp. 1343-1348	j ¶
C11	An Interactive Fuzzy Satisficing Method for Multiobjective Linear Programming Problems with Random Fuzzy Variables Using Possibility-based Probability Model		Masatoshi Sakawa Takeshi Matsui Hideki Katagiri		Computational Research, 2, 2 (2014) pp. 5-11	j ¶
C12	Interactive fuzzy stochastic multi-level 0-1 programming using tabu search and probability maximization		Masatoshi Sakawa Takeshi Matsui		Expert Systems with Applications, 41, 6 (2014) pp. 2957-2963	j ¶
C13	Random fuzzy bilevel linear programming through possibility-based fractile model		Masatoshi Sakawa Takeshi Matsui		International Journal of Machine Learning and Cybernetics, 5, 4 (2014) pp. 499-507	j ¶
C14	Interactive fuzzy multiobjective stochastic programming with simple recourse		Masatoshi Sakawa Takeshi Matsui		International Journal of Multicriteria Decision Making, 4, 1 (2014) pp. 31-46	j ¶
C15	Interactive fuzzy stochastic two-level linear programming with simple recourse		Masatoshi Sakawa Takeshi Matsui		Information Science, 278 (2014) pp. 67-75	j ¶
C16	A Multiobjective Evolutionary Optimized Recurrent Neural Network for Defects Detection on Flat Panel Displays		H. A. Abeyundara Hiroshi Hamori Takeshi Matsui Masatoshi Sakawa		Proceedings of Modeling Decisions for Artificial Intelligence 2014, (2014) pp. 170-181	j ¶
C17	Defects Detection TFT Lines of Flat Panel Displays Using an Evolutionary Optimized Recurrent Neural Network		H. A. Abeyundara Hiroshi Hamori Takeshi Matsui Masatoshi Sakawa		American Journal of Operations Research, 4, 3 (2014) pp. 113-123	j ¶
C18	Path Optimization for Line Scanning on Flat Panel Displays Using Self Organizing Map		H. A. Abeyundara Hiroshi Hamori Takeshi Matsui Masatoshi Sakawa		Computational Research, 2, 4 (2014) pp. 63-68	j ¶
C19	Multifractal formalism for Benedicsson Carleson quadratic maps		Yong Moo Chung Hiroki Takahasi		Ergodic Theory and Dynamical Systems, 34, 4 (2014) pp. 1116-1141	j ¶
C20	Inverse bifurcation problems for discrete logistic equation of population dynamics		Tetsutaro Shibata		Journal of Mathematical Analysis and Applications, 413 (2014) pp. 495-501	j ¶
C21	S-shaped bifurcation curves for nonlinear two-parameter problems		Tetsutaro Shibata		Nonlinear Analysis, 95 (2014) pp. 796-808	j ¶
C22	A Mathematical Aspect of A Tunnel Junction for Spintronic Qubit		Masao Hirokawa Takuya Kosaka		Journal of Mathematical Analysis and Applications, 417, 2 (2014) pp. 856-872	j ¶
C23	Spin-Boson Model through a Poisson Driven Stochastic Process		Masao Hirokawa Fumio Hiroshima Jozsef Lorinczi		Mathematische Zeitschrift, 277, 3-4 (2014) pp. 1165-1198	j ¶

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C24	Estimates of the integral kernels arising from inverse problems for a three-dimensional heat equation in thermal imaging	Masaru Ikehata Mishio Kawashita			Kyoto Journal of Mathematics, 54, 1 (2014) pp. 1-50	j ¶
C25	An inverse problem for a three-dimensional heat equation in thermal imaging and the enclosure method	Masaru Ikehata Mishio Kawashita			Inverse Problems and Imaging, 8, 4 (2014) pp. 1073-1116	j ¶
C26	Extracting the geometry of an obstacle and a zeroth-order coefficient of a boundary condition via the enclosure method using a single reflected wave over a finite time interval	Masaru Ikehata			Inverse Problems, 30 (2014) pp. 045011	j ¶
C27	É ç Ä ë " « Í w ì " ^ ; q É ç - R t b " « " ' £ ï Ä Ö " μ ~ ³ Ü á è " ³ ä ï ü s		b Z ° à > • Â { > \$		Ö ó q ø Ç Ö Š Ö ó ø C Ñ • ' Ÿ ¶ q ½ £ , 26, 1 (2014) pp. 538-548	j ¶
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C29	Simulation analysis for network formation	Tomohiro Hayashida Ichiro Nishizaki Rika Kambara			Computational Economics, 43, 3 (2014) pp. 371-394	j ¶
C30	XCS with an internal action table for non-Markov environments	Tomohiro Hayashida Ichiro Nishizaki Keita Moriwake			International Journal of Advanced Computer Science and Applications, 5, 6 (2014) pp. 162-172	j ¶
C31	« æ ž μ Ý 6 > % æ ü D Ú ç Ñ > a w h Š w ° æ Ý Þ æ > ; M h ACS w % C		> • Â b Z ° à • „ /		? ø C è ø ¶ q æ ½ A, J97-A, 9 (2014) pp. 593-603	j ¶
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C34	Multi-store food retailing problem with outsourcing purchase operation: a case study in Japan	Masatoshi Sakawa Ichiro Nishizaki Takeshi Matsui Tomohiro Hayashida			International Journal of Operational Research, 21, 3 (2014) pp. 293-321	j ¶
C35	? — — x = t S Z " — Ä q ' A H U ? % w ? y t t ... b è ¹		Z ö b Z ° à > • Â		? > ¶ q æ ½ B, 132, 11 (2014) pp. 917-929	j ¶
C36	Multiattribute decision analysis using strict preference relations	Ichiro Nishizaki Tomohiro Hayashida Masakazu Ohmi			Annals of Operations Research, (2014)	j ¶
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C38	Interactive fuzzy stochastic multiobjective purchase and transportation planning for food retailing	Masatoshi Sakawa Hitoshi Yano Ichiro Nishizaki			International Journal of Operational Research, (accepted), (2014)	j ¶

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C39	Improvement of anticipatory classifier system with internal memory		Tomohiro Hayashida Ichiro Nishizaki Ryosuke Sakato		Proceedings of 15th International Symposium on Flexible Automation (ISFA2014), (2014) pp. 1-8	
C40	Aliased states discerning in POMDPs and improved anticipatory classifier system		Tomohiro Hayashida Ichiro Nishizaki Ryosuke Sakato		Procedia Computer Science, 35 (Proceedings of the 18th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems (KES2014)), (2014) pp. 34-43	
C41	Agent-based simulation for simultaneous ultimatum games		Tomohiro Hayashida Ichiro Nishizaki Koji Saiki		Proceedings of 2014 IEEE International Conference on Systems, Man, and Cybernetics (SMC2014), (2014) pp. 521-526	
C42	Agent-based simulation analysis for networks formation using PSO		Shunsuke Koto Tomohiro Hayashida Ichiro Nishizaki Shinya Sekizaki		2014 IEEE 7th International Workshop on Computational Intelligence & Applications Proceedings (IW-CIA2014), (2014) pp. 159-163	
C43	Structural optimization of neural networks and training data selection method for prediction		Tomohiro Hayashida Ichiro Nishizaki Shinya Sekizaki Masanori Nishida		2014 IEEE 7th International Workshop on Computational Intelligence & Applications Proceedings (IW-CIA2014), (2014) pp. 171-176	
C44	Impact of demand response on voltage in distribution network with photovoltaic generations		Shinya Sekizaki Ichiro Nishizaki		Grand Renewable Energy 2014 Proceedings, (2014)	
C45	Preamble design for estimation and compensation of channel distortion parameters in OFDM systems		Emanuel Manasseh Shuichi Ohno Toru Yamamoto		APSIPA Transactions on Signal and Information Processing, (2014)	
C46	Low complexity equalizers for single carrier transmissions over doubly selective channels		Shuichi Ohno Emanuel Manasseh Masayoshi Nakamoto		IEICE Communications Express, 3, 2 (2014) pp. 80-85	
C47	Distributed demand-side management optimization for multi-residential users with energy production and storage strategies		Emanuel Manasseh Shuichi Ohno Toru Yamamoto Aloys Mvuma		IET Journal of Engineering, (2014)	
C48	Autonomous demand-side optimization for load uncertainty		Emanuel Manasseh Shuichi Ohno Toru Yamamoto Aloys Mvuma		Proc. of International Conference on Electronics, Information and Communication, (2014)	
C49	Distributed demand-side management with load uncertainty		Emanuel Manasseh Shuichi Ohno Toru Yamamoto Aloys Mvuma		Proc. of ITU Kaleidoscope conference, (2014)	

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C50	Demand side management to minimize peak-to-average ratio in smart grid		mini-Emanuel Manasseh Shuichi Ohno K. Kalege M.Rizwan Tariq		Abstract of the 46th ISCIE International Symposium on Stochastic Systems Theory and Its Applications, (2014)	j ¶
C51	Sum-rate optimization problem for multiuser OFDM systems		M.Rizwan Tariq Shuichi Ohno		Abstract of the 46th ISCIE International Symposium on Stochastic Systems Theory and Its Applications, (2014)	j ¶
C52	Á â Ò Ä è ï Õ ï ½ w à Ä ç « C ü M š		3 • • É – ’ ° \$, > * Y • Š •		? > ¶ q ? ~ Ø C ~ ³ μ Â Ü æ ó ½, 134, (2014) pp. 909-916	j ¶
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C56	M š Q ó t, n M h DC-DC – ï ì " « w ~ " 8 Q PI M š		G b [Ò • Š •		? > ¶ q ? ~ Ø C ~ ³ μ Â Ü æ ó ½, 134, 9 (2014) pp. 1273-1274	j ¶
C57	p Ö — q Z — ç p > q £ ! : % t 0 b " Á " » ï ² M š % w ° f -		á z Ñ ì i ó ¤ Š £ • Š •		? > ¶ q ? ~ Ø C ~ ³ μ Â Ü æ ó ½, 134, 10 (2014) pp. 1524-1530	j ¶
C58	M š » ¶ \$ ž Ó é " ½ t, n X - £ μ ¶ 6 Þ Ä ç t b " ß o		Ö ! Y Á , > è % Ó T ô ~ • Š • • @ 1 %		? > ¶ q ? ~ Ø C ~ ³ μ Â Ü æ ó ½, 134, 10 (2014) pp. 1537-1542	j ¶
C59	Performance-Adaptive Predictive Control-based Integral-Derivative Control System and Its Application	Generalized Proportional-Integral-Derivative Control System and Its Application	Takao Sato Toru Yamamoto Nozomu Araki Yasuo Konishi		Journal of Dynamic Systems, Measurement, and Control, Trans. of ASME, 136, 6 (2014)	j ¶
C60	Design of a Data-Oriented Nonlinear PID Control System		Kayoko Hayashi Toru Yamamoto		IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, A, 2 (2014) pp. 669-674	j ¶
C61	A positive realness based approach design of IIR low-pass differentiators with prescribed pole radius constraint		Shiroki Irie Masayoshi Nakamoto Toru Yamamoto		Proc. of the 5th International Symposium on Advanced Control of Industrial Processes (ADCONIP 2014), (2014) pp. 96-101	j ¶

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C62	Design of Multi-Band Digital Filters and Full-Band Digital Differentiators without Frequency Sampling and Iterative Optimization	Masayoshi Nakamoto and Shuichi Ohno			IEEE Transactions on Industrial Electronics, 61, 9 (2014) pp. 4857-4866	
C63	Design of Frequency-Selective Digital Differentiators without Frequency Sampling and Iterative Optimization	Masayoshi Nakamoto and Toru Yamamoto			Proc. of the 40th Annual Conference of the IEEE Industrial Electronics Society (IECON 2014), (2014) pp. 3425-3430	
C64	μ-U"Ä & M š % w ° f -		æ < S ü i i ó α Š £ • Š •		3 μ Ä Ü M š Ø C ¶ q æ ½ , 27, j ¶ 3 (2014) pp. 87-94	
C65	Q ó * t, n M h ® i 6 Ð T t ' " M š Q ó ! : w ~ 3 O		G b [Ò • Š •		3 μ Ä Ü M š Ø C ¶ q æ ½ , 27, j ¶ 3 (2014) pp. 95-100	
C66	Performance-Adaptive PI control for a Boiler Control System	Takashi Sakuragi Takao Sato Toru Yamamoto Nozomu Araki Yasuo Konishi			ICIC (Innovative Computing, Information and Control) Express Letters, 8, 3 (2014) pp. 675-682	
C67	Control of Drive-Train Bench System for Simulating the Real Vehicle Motion,	Takao Akiyama Yoshimasa Sawada Toru Yamamoto			Proc. of 5th Int. Conf. on Advanced Control of Industrial Systems, (2014) pp. 237-240	
C68	Design and Experimental Evaluation of a PID Controller Based on GPC	Zhe Guan Toru Yamamoto			Proc. of 5th Int. Conf. on Advanced Control of Industrial Systems, (2014) pp. 312-317	
C69	Design of a Multi-Loop Self-Tuning PID Controller for Multivariable Coupled Processes	Hajime Tsubata Masayoshi Nakamoto Toru Yamamoto			Proc. of 5th Int. Conf. on Advanced Control of Industrial Systems, (2014) pp. 330-333	
C70	PID Controller Design Based on Minimizing Generalized Output Errors	Kayoko Hayashi Toru Yamamoto			Proc. of 5th Int. Conf. on Advanced Control of Industrial Systems, (2014) pp. 339-344	
C71	Design of a Performance-Adaptive PID Controller Based on IMC Tuning Scheme	Takuya Kinoshita Masatu Katayama Toru Yamamoto			Proc. of 5th Int. Conf. on Advanced Control of Industrial Systems, (2014) pp. 351-355	
C72	Design of a Data-oriented 2DOF Non-linear Controller	Shin Wakitani Toru Yamamoto			Proc. of 5th Int. Conf. on Advanced Control of Industrial Systems, (2014) pp. 379-384	
C73	A Performance Driven Switching Control of DC-DC Converters	Yoshihiro Ohnishi Toru Yamamoto			Proc. of 5th Int. Conf. on Advanced Control of Industrial Systems, (2014) pp. 532-536	

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C74	Performance Assessment of a Weigh Feeder		Hiroshi Tajika Takao Sato Toru Yamamoto		Proc. of Int. Symp. on Flexible Au- tomation, (2014)	¶
C75	Closed-Loop System Identification for an Overhead Travelling Crane Using Evolutionary Computation		Kazuo Kawada Toru Yamamoto		Proc. of 12th International Con- ference on Motion and Vibration, (2014)	¶
C76	Design and Experimental Evaluation of a Human Skill-Based Controller		Yuntao Liao Takuya Kinoshita Toru Yamamoto		Proc. of International Conference on Advanced Mechatronic Sys- tems, (2014) pp. 238-242	¶
C77	A Design Method of a Performance-adaptive Control System for a Weigh Feeder		Hiroshi Tajika Takao Sato Yoshihiro Ohnishi Toru Yamamoto		Proc. of International Conference on Advanced Mechatronic Sys- tems, (2014) pp. 442-447	¶
C78	Switching Control of DC-DC Converters with Electric Double-Layer Capacitor Based on Control Performance Index		Yoshihiro Ohnishi Toru Yamamoto		Proc. of IEEE International Con- ference on Automation Science and Engineering, (2014) pp. 188-193	¶
C79	Design of a Smart Adaptive Control System Based on Control Performance Evaluation		Takuya Kinoshita Atsushi Kishimoto Toru Yamamoto		Proc. of SICE Annual Conference, j (2014) pp. 275-280	¶
C80	Performance-Assessment Control System for a Weigh-Feeder		Hiroshi Tajika Kozo Hachino Yoshihiro Ohnishi Toru Yamamoto		Proc. of SICE Annual Conference, j (2014) pp. 553-555	¶
C81	PID Control of DCDC Converter Based on Control Performance Monitoring		Yoshihiro Ohnishi Toru Yamamoto		Proc. of SICE Annual Conference, j (2014) pp. 560-561	¶
C82	Performance-Adaptive Control System for a Hammerstein System Using GPGPU,		Takao Sato Akira Karahashi Toru Yamamoto Nozomu Araki Yasuo Konishi		Proc. of IEEE International Confer- ence on Emerging Technology and Faculty Automation, (2014)	¶
C83	Design and Application of a Data-Driven PID Controller		Shin Wakitani Toru Yamamoto		Proc. of IEEE International Con- ference on Control Applications, (2014) pp. 1443-1448	¶
C84	Design of a Data-Oriented Control System for a p-Inputq-Outputs (p-q) Multi-variable System		Hajime Tsubata Toru Yamamoto		Proc. of International Conference on Control, Automation, Robotics and Vision, (2014) pp. 1351-1355	¶
C85	Ã » › o M š b " μ · ç Ñ ½ á " Ç ĩ ñ T ' í Ñ ¥ " Ú ĩ μ æ ^ • μ		• Š •		³ μ Â Ü — M š — Ø C, (2014) pp. 91-98	¶
C86	Make-to-stock policies for a multi-stage serial system under a make-to-order production environment		Katsumi Morikawa Katsuhiko Takahashi Daisuke Hirotani		International Journal of Production Economics,147, Part A (2014) pp. 30-37	¶
C87	An adaptive pull strategy for remanufacturing systems		Katsuhiko Takahashi Yasuhiro Doi Daisuke Hirotani Katsumi Morikawa		Journal of Intelligent Manufactur- ing, 25, 4 (2014) pp. 629-645	¶

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C88	An interactive multi-objective incubatee selection model incorporating incubator manager orientation	Raden Bagus Seno Wulung Katsuhiko Takahashi Katsumi Morikawa	Operational Research	4, 3 (2014)	pp. 409-438	j ¶
C89	Policy for rearranging workers for a self-balancing production line with worker learning	Daisuke Hirotsu Katsumi Morikawa Katsuhiko Takahashi	Industrial Engineering & Management	3, 5 (2014)		j ¶
C90	A line balancing to achieve stable performance in uncertain production environments	Takayuki Kataoka Katsumi Morikawa Katsuhiko Takahashi	Proceedings of 18th International Working Seminar on Production Economics	(2014)	pp. 249-261	j ¶
C91	Multi-step switching policy for dynamic pooling of make-to-stock and make-to-order operations	Shohei Kanda Katsuhiko Takahashi Katsumi Morikawa Daisuke Hirotsu	Abstracts of 18th International Symposium on Inventories	(2014)	pp. 76	j ¶
C92	E-learning management system implementation in technology business incubator considering technology absorptive capacity of incubatees and incubation time schedule	Raden Bagus Seno Wulung Katsuhiko Takahashi Katsumi Morikawa	Proceedings of 12th International Conference on Industrial Management	(2014)	pp. 489-494	j ¶
C93	The impact of interconnected relationship strategies on supply network structure	Mohamad So tra Katsuhiko Takahashi Katsumi Morikawa	Proceedings of 12th International Conference on Industrial Management	(2014)	pp. 359-362	j ¶
C94	Closed loop supply chain model with recycling activity of corporate social responsibility	Sumarsono Sudarto Katsuhiko Takahashi Katsumi Morikawa	Proceedings of 12th International Conference on Industrial Management	(2014)	pp. 108-116	j ¶
C95	Simulation-based outpatient appointment scheduling with the aid of clearing function	Katsumi Morikawa Katsuhiko Takahashi Daisuke Hirotsu	Proceedings of the Asia Pacific Industrial Engineering & Management Systems Conference	2014, (2014)	pp. 2040-2047	j ¶
C96	Worker rearrangement policy using worker's position to decrease production loss for self-balancing production line with worker's learning	Daisuke Hirotsu Katsumi Morikawa Katsuhiko Takahashi	Proceedings of the Asia Pacific Industrial Engineering & Management Systems Conference	2014, (2014)	pp. 183-189	j ¶
C97	• R w Æ ¬ ¥ < t S Z "™ ... ô T S t b " U 7 é ì µ Ä ô T S Ø T ' w ß o 7	Š U Ĩ (b ú Ú \$ ' æ [I U 3 b Ç q - i Œ °	? > ¶ q æ ½ B, 134, 12 (2014)		pp. 949-956	j ¶
C98	Direct Transient Stability Assessment of Stressed Power Systems	Emil Popov Hristov Naoto Yorino Yoshifumi Zoka Yutaka Sasaki Hiroaki Sugihara	International Journal of Electrical, Robotics, Electronics and Communications Engineering	8, 6 (2014)	pp. 878-885	j ¶

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C99	A Study on the Power System Security with Increased PV Penetration by Applying the Robust Power System Security	Secu-	Yoshiharu Okumoto Naoto Yorino Yoshifumi Zoka Yutaka Sasaki Tomohisa Akiyoshi Tomohiro Isoya		IEEE PES Innovative Smart Grid Technologies Europe (ISGT Europe 2014), (2014)	
C100	An Advanced Control Implementation for Inverters including Device-level Modeling		Yoshifumi Zoka Masataka Miyake Yutaka Sasaki Shinya Sekizaki Mitiko Miura-Mattausch Hans Juergen Mattausch Naoto Yorino		The 6th International Conference on Integration of Renewable and Distributed Energy Resources (IREDD2014), (2014)	
C101	An Optimal Decentralized Control for Voltage Control Devices by Means of a Multi-Agent System		Yoshifumi Zoka Naoto Yorino Masahiro Watanabe Tomohiro Kurushima		18th Power Systems Computation Conference (PSCC2014), (2014)	
C102	A Robust Supply and Demand Controller Against Uncertainties of Renewable Energy Sources	Con-	Yutaka Sasaki Dai Seikoba Jun Okihara Kohei Kanaya Yoshifumi Zoka Naoto Yorino		18th Power Systems Computation Conference (PSCC2014), (2014)	
C103	Probabilistic Constrained Dynamic Economic Load Dispatch for Renewable Energy Sources		Yutaka Sasaki Kohei Kanaya Yoshifumi Zoka Naoto Yorino		International Conference and Exhibition on Grand Renewable Energy (GRE2014), (2014)	
C104	Direct Transient Stability Assessment of Stressed Power Systems	Assessmen-	Emil Popov Hristov Naoto Yorino Yoshifumi Zoka Yutaka Sasaki Hiroaki Sugihara		International Conference on Electrical and Power Engineering (ICEPE 2014), (2014)	
C105	CCT Computation Method Based on Critical Trajectory Using Simultaneous Equations for Transient Stability Analysis	Method Based on	Ardyono Priyadi Naoto Yorino Ony Asrarul Qudsi Mauridhi Hery Purnomo		6th International Conference on Information Technology and Electrical Engineering (ICITEE2014), (2014)	
C106	A Comparison Between the Human Sense of Smell and Neural Activity in the Olfactory Bulb of Rats	Comparison Between the Human	Zu Soh Maki Saito Yuichi Kurita Noboru Takiguchi Hisao Ohtake Toshio Tsuji		Chemical Senses, 2 (2014) pp. 91-105	
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C114	Vehicle Active Steering Control Sys-	tem Based on Human Mechanical Impedance	Yoshiyuki Tanaka		IEEE Transactions on Intelligent j ¶	
Properties of the Arms			Naoki Yamada		Transportation Systems, 15, 4	
			Toshio Tsuji		(2014)	
			Takamasa Suetomi		pp. 1758-1769	
C115	? > — 9 s ' t ¹ @ ~ ü ^ @ — 9		t	' ì	Ô Š ì " ½ ß ç æ ž æ Ä Ÿ ¶ q æ	j ¶
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C116	Hydrodynamic characteristics of membrane oxygenator: modeling of pressure characteristics and their influence on parent viscosity	aShigeyuki Okahara Foshio Tsuji Shinji Ninomiya Satoshi Miyamoto Hidenobu Takahashi Zu Soh Taijiro Sueda			Perfusion, (2014)	j ¶
C117	Human muscular mobility ellipsoid: End-point acceleration manipulability measure in fast motion of human upper arm	Kohji Ohta Yoshiyuki Tanaka Isao Kawate Toshio Tsuji			Journal of Biomechanical Science and Engineering, 9, 3 (2014)	j ¶
C118	—®OP ÔU [> b ; ` h ò â , < [; Ä è " Ç ï - ³ Û á è " »	> \$ ° ì > è í ó æ Ò í ð Ä É			= ¶ » Ä , 65, 8 (2014) pp. 624-629	ï †
C119	™ w † † t â " x ^ > è ` o b ' ° %	ö T 2 ð Ä É			Ô Š é ø ç Ä ¶ q ½ , 32, 10 (2014)	ï †
C120	Fingertip force estimation based on the deformation of the fingertip	Akihito Kibita Toshio Tsuji Yuichi Kurita			International Digital Human Modeling Symposium (DHM2014), (2014)	j ¶
C121	Haptic rendering of needle penetration by enhancing the real force response of a base object	Yuichi Kurita Shiroyuki Ohtsuka Kazuyuki Nagata Tosho Tsuji			Haptics Symposium, (2014)	j ¶
C122	Unloading muscle activation enhances force perception	Yuichi Kurita Jumpei Sato Takayuki Tanaka Minoru Shinohara Tosho Tsuji			Augmented Human 2014, (2014)	j ¶
C123	Haptic rendering of tissue stiffness by the haptic enhanced reality method	Yoshihide Otsuru Toshio Tsuji Yuichi Kurita			Eurohaptics 2014, (2014)	j ¶
C124	Chemotaxis Simulation of Caenorhabditis Elegans Using an Active cord Mechanism in an Actual Environment	Shinya Nishikawa Zu Soh Yuichi Kurita Toshio Tsuji			C. elegans Development, Cell Biology and Gene Expression Meeting in association with The 6th Asia-Pacific C. elegans Meeting, (2014)	j ¶
C125	Evaluation of endpoint compliance based on the estimation of the muscle activity	Yuichi Kurita Kohei Sakurada Tosho Tsuji			International Conference on Applied Human Factors and Ergonomics, (2014) pp. 1187-1189	j ¶
C126	Design of Steering Wheel characteristics based on Human Arm Mechanical Properties	Kazuo Nishikawa Kouji Furukawa Isao Kawate Tooru Miyazaki Takahide Nouzawa Toshio Tsuji			Proceedings of the 2014 IEEE/SICE International Symposium on System Integration, (2014) pp. 508-513	j ¶

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C127	Development of a Continuous Sphygmomanometer Using Electromagnetic Induction	Harutoyo Hirano Tomohiro Fukuchi Zu Soh Yuichi Kurita Akihiko Kandori Yuko Sano Ryuji Nakamura Noboru Saeki Masashi Kawamoto Masao Yoshizumi Toshio Tsuji	2014 IEEE Biomedical Circuit and System Conference Proceedings, (2014) pp. 444-447	j ¶
C128	Fingertip force estimation based on the deformation of the fingertip	Akihito Kibita Toshio Tsuji Yuichi Kurita	AsiaHaptics2014, (2014)	j ¶
C129	Wearable pseudo-haptic interaction by using electrical muscle stimulation	Takaaki Ishikawa Toshio Tsuji Yuichi Kurita	AsiaHaptics2014, (2014)	j ¶
C130	Concrete Surface Strain Measurement Using Moire fringes, Construction and Building Materials	S. Umemoto S. Tanoue N. Miyamoto T. Takaki I. Ishii T. Aoyama K. Fujii	Construction and Building Materials, 67 (2014) pp. 115-120	j ¶
C131	A High-Frame-Rate Vision System with Automatic Exposure Control	Q. Gu A. Noman T. Aoyama T. Takaki I. Ishii	IEICE Transactions on Information and Systems, 97-D, 4 (2014) pp. 936-950	j ¶
C132	High-frame-rate Structured Light 3-D Vision for Fast Moving Objects	Y. Liu H. Gao Q. Gu T. Aoyama T. Takaki I. Ishii	Journal of Robotics and Mechatronics, 26, 3 (2014) pp. 331-320	j ¶
C133	Motion Transfer Control From Walking to Brachiation Through Vertical Ladder Climbing for a Multi-Locomotion Robot	Z. Lu T. Aoyama K. Sekiyama Y. Hasegawa T. Fukuda	IEEE/ASME Transactions on Mechatronics, 19, 5 (2014) pp. 1681-1693	j ¶
C134	Development of a New Type of Haptic Device for Remote Operation	I. Ishii M. Hara T. Aoyama T. Takaki I. Ishii T. Aoyama T. Takaki I. Ishii	IEEE Transactions on Haptics, 8, 2 (2014) pp. 117-124	j ¶
C135	Development of a New Type of Haptic Device for Remote Operation	Y. Ishii M. Hara T. Aoyama T. Takaki I. Ishii	IEEE Transactions on Haptics, 8, 2 (2014) pp. 117-124	j ¶

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C136	Real-Time Optical Flow Estimation Using High-Frame-Rate Videos		Idaku Ishii			SIAM Conference on Imaging Science, (2014)
C137	A Fast 3-D Shape Measurement Method for Moving Object		Yongjiu Liu Hao Gao Qingyi Gu Tadayoshi Aoyama Takeshi Takaki Idaku Ishii			2014 International Conference on Progress in Informatics and Computing, (2014)
C138	Position/Attitude Control of an Object by Controlling a Fluid Field Using a Grid Pattern Air Nozzle		Takeshi Takaki Satomi Tanaka Tadayoshi Aoyama Idaku Ishii			Proc. IEEE Int. Conf. on Robotics and Automation, (2014)
C139	Rapid Vision-based Shape and Motion Analysis System for Fast-moving Cells in a Microchannel		Qingyi Gu Tadayoshi Aoyama Takeshi Takaki Idaku Ishii			Proc. IEEE Int. Conf. on Robotics and Automation, (2014)
C140	Simultaneous Projection Mapping Using High-frame-rate Depth Vision		Jun Chen Takashi Yamamoto Tadayoshi Aoyama Takeshi Takaki Idaku Ishii			Proc. IEEE Int. Conf. on Robotics and Automation, (2014)
C141	Motion direction dependence of perceived depth by monocular motion parallax		Shintaro Yamada Kazuki Tatehata Idaku Ishii Hirotsugu Yamamoto Shiro Suyama			Motion direction dependence of perceived depth by monocular motion parallax, (2014)
C142	Real-Time LOC-Based Morphological Cell Analysis System Using High-Speed Vision		Qingyi Gu Tadayoshi Aoyama Takeshi Takaki Idaku Ishii Ayumi Takemoto Naoaki Sakamoto			Proceedings of 2014 IEEE/RSJ International Conference on Intelligent Robots and Systems, (2014)
C143	Trajectory Tracking by Arm-Swing with Bipedal Walking		Taisuke Kobayashi Kosuke Sekiyama Tadayoshi Aoyama Yasuhisa Hasegawa Toshio Fukuda			Proceedings of the IEEE International Symposium on Micro-Nano Mechatronics and Human Science, (2014)
C144	Optimal Selection of Cane Usage with Humanoid Robot		Taisuke Kobayashi Kosuke Sekiyama Tadayoshi Aoyama Yasuhisa Hasegawa Toshio Fukuda			Proceedings of the IEEE-RAS International Conference on Humanoid Robots, (2014)
C145	Robot-mounted 500-fps 3-D Shape Measurement Using Motion-compensated Coded Structured Light Method		Jun Chen Yongjiu Liu Qingyi Gu Tadayoshi Aoyama Takeshi Takaki Idaku Ishii			Proceedings of the 2014 IEEE International Conference on Robotics and Biomimetics, (2014)
C146	Posture Angle Manipulation of Passive Object Using Active Plate		Tadayoshi Aoyama Yuji Harada Takeshi Takaki Idaku Ishii			Proceedings of the 2014 IEEE International Conference on Robotics and Biomimetics, (2014)

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D1	An Optimal Implementation of the Duhu Man Approximate String Matching on the Hierarchical Memory Machine, with Performance Evaluation on the GPU						IEICE TRANSACTIONS on Information and SystemsE97-D, 12 (2014) pp. 3063-3071
D2	One Permutation on the CUDA-enabled GPU			Akihiko Kasagi Koji Nakano Yasuaki Ito			IEICE TRANSACTIONS on Information and SystemsE97-D, 12 (2014) pp. 3052-3062
D3	Accelerating ant colony optimisation for the travelling salesman problem on the GPU			Akihiro Uchida Yasuaki Ito Koji Nakano			International Journal of Parallel, Emergent and Distributed Systems, 29, 4 (2014) pp. 401-420
D4	Asynchronous Memory Machine Models with Barrier Synchronization			Koji Nakano			IEICE TRANSACTIONS on Information and SystemsE97-D, 3 (2014) pp. 431-441
D5	Optimal implementations of the approximate string matching and the approximate discrete signal matching on the memory machine models			Koji Nakano			International Journal of Parallel, Emergent and Distributed Systems, 29, 2 (2014) pp. 104-118
D6	Implementations of the Hough Transform on the Embedded Multicore Processors			Xin Zhou Norihiro Tomagou Yasuaki Ito Koji Nakano			International Journal of Networking and Computing, 4, 1 (2014) pp. 174-188
D7	Simple memory machine models for GPUs			Koji Nakano			International Journal of Parallel, Emergent and Distributed Systems, 29, 1 (2014) pp. 17-37
D8	A Time Optimal Parallel Algorithm for the Dynamic Programming on the Hierarchical Memory Machine			Koji Nakano			Proc. of International Symposium on Computing and Networking, (2014) pp. 86-95
D9	An Efficient Implementation of the One-Dimensional Hough Transform Algorithm for Circle Detection on the FPGA			Xin Zhou Algo-Yasuaki Ito Koji Nakano			Proc. of International Symposium on Computing and Networking, (2014) pp. 447-452
D10	Parallel Algorithms for the Summed Area Table on the Asynchronous Hierarchical Memory Machine, with GPU implementations			Akihiko Kasagi Koji Nakano Yasuaki Ito			Proc. of International Conference on Parallel Processing, (2014) pp. 251-260
D11	Random Address Permute Shift Technique for the Shared Memory on GPUs			Koji Nakano Susumu Matsumae Yasuaki Ito			Proc. of International Conference on Parallel Processing Workshops, (2014) pp. 429-438

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D12	A GPU Implementation of Clipping-Free Halftoning using the Direct Binary Search	Hiroaki Kouge Yasuaki Ito Koji Nakano				Proc. of International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP LNCS 8630), (2014) pp. 57-70
D13	GPU-accelerated Verification of the Collatz Conjecture	Takumi Honda Yasuaki Ito Koji Nakano				Proc. of International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP, LNCS 8630), (2014) pp. 483-496
D14	C2CU : A CUDA C Program Generator for Bulk Execution of a Sequential Algorithm	Daisuke Takafuji Koji Nakano Yasuaki Ito				Proc. of International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP LNCS 8631), (2014) pp. 178-191
D15	An Efficient Implementation of the Gradient-based Hough Transform using Slices and block RAMs on the FPGA	Xin Zhou Yasuaki Ito Koji Nakano				Proc. of International Parallel and Distributed Processing Symposium Workshops, (2014) pp. 762-770
D16	Bulk Execution of Oblivious Algorithms on the Unified Memory Machine, with GPU Implementation	Kazuya Tani Daisuke Takafuji Koji Nakano Yasuaki Ito				Proc. of International Parallel and Distributed Processing Symposium Workshops, (2014) pp. 586-595
D17	Thorough Evaluation of GPU Shared Memory Load and Store Instructions	Satoshi Okamoto Yasuaki Ito Koji Nakano Jacir L. Bordim				Proc. of International Symposium on Computing and Networking, (2014) pp. 614-616
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D19	Approximation Algorithms for the Set Cover Formation by Oblivious Mobile Robots	Tomoko Izumi Sayaka Kamei Yukiko Yamauchi				Proceedings of the 18th International Conference on Principles of Distributed Systems, (2014) pp. 233-247
D20	How to Extract Seasonal Features of Sightseeing Spots from Twitter and Wikipedia (Preliminary Version)	Guanshen Fang Sayaka Kamei Satoshi Fujita				International Workshop on Networking, Computing, Systems, and Software, (2014)
D21	Asynchronous Ring Gathering by Oblivious Robots with Limited Vision	Sayaka Kamei Anissa Lamani Fukuhito Ooshita				Proceedings of the Workshop on Self-organization in Swarm of Robots: from Molecular Robots to Mobile Agents, (2014)
D22	Cost-Effective Replication Schemes for Query Load Balancing in Dht Based Peer-To-Peer Searches	Qi Cao Satoshi Fujita				Journal of Information Processing Systems (JIPS), 0, 4 (2014) pp. 628-645
D23	Tree-Based Consistency Maintenance Scheme for Peer-To-Peer File Sharing of Editable Contents	Taishi Nakashima Satoshi Fujita				IEICE Trans. on Information and Systems E97-D, 12 (2014) pp. 3033-3040
D24	Hierarchical Architecture for Peer-To-Peer Video on Demand Systems with the Notification of Dynamic Swarms	Yasuaki Yuji Satoshi Fujita				IEICE Trans. on Information and Systems E97-D, 12 (2014) pp. 3025-3032

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D25	Optimal Serial Broadcast of Succes-	Satoshi Fujita			Theoretical Computer Science, j ¶	
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D26	Approximation Scheme for Burst	Satoshi Fujita			Journal of Supercomputing, 9, 2 j ¶	
	Scheduling with Minimum Overhead in Time				(2014)	
	Slicing Mobile Tv				pp. 561-575	
D27	Worst Case Analysis of Approxima-	Satoshi Fujita			IEICE Trans. on Information and j ¶	
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D28	On Vertex Cover with Fractional Fan-	Satoshi Fujita			Proc. 2nd International Sympo- j ¶	
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D29	On Guha and Khuller's Greedy Algo-	Satoshi Fujita			Proc. 2nd International Sympo- j ¶	
	rithm for Finding a Minimum CDS for Unit				sium on Computing and Network-	
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D31	P2P Overlay for DN-P2P Being Aware	Shotaro Okada			Proc. the 2014 International Sym- j ¶	
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D32	Index Poisoning Scheme for P2p File	Yuusuke Ookita			International Workshop on Net- j ¶	
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D33	Incentive Scheme for P2P Live	Shogo Kanda			Proc. the International Conference j ¶	
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D34	How to Tolerate Simultaneous Leave	Tatsuya Kouchi			Proc. the International Conference j ¶	
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D35	E cient Anonymization of the So-	Hiroki Iizuka			Proc. the International Conference j ¶	
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D36	Minimum Set Cover of Sparsely Dis-	Satoshi Fujita			Proc. 16th Workshop on Advances j ¶	
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D37	Optimal Serial Broadcast of Succes	Satoshi Fujita			Proc. 8th International Workshop on Algorithms and Computation (WALCOM 2014), (2014)	pp. 102-113
D38	Web ³µ Ä Ü t ‘ ” ¶ \ \$ À ° A ž		> , • □	I Ä Y	? Ø C è ô ¶ q æ ½ D, J97-	pp. 1024-1034
D39	Solvability for The Maximum Legal Firing Sequence Problem of Con ict-Free Petri Nets with Inhibitor Arcs	Satoshi Taoka Satoru Ochiwa Toshimasa Watanabe			The 29th International Technical Conference on Circuit Systems, Computers and Communications (ITC-CSCC), (2014)	pp. 861-864
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D44	Scale invariant descriptor with border points of 3D point clouds	Fangda Zhao Baowei Lin Toru Tamaki Bisser Raytchev Kazufumi Kaneda			Proc. of FCV 2014 : Korea-Japan joint Workshop on Frontiers of Computer Vision, (2014)	
D45	Physically Based Spectral Rendering of Optical Phenomena Caused by Multilayer Films Under Global Illumination Environment	Sho Ikeda Shin Watanabe Bisser Raytchev Toru Tamaki Kazufumi Kaneda			2014 International Workshop on Advanced Image Tecnology (IWAIT 2014), (2014)	
D46	Displaying Compressed HDR Spectra Images Using A Direct Tristimulus Value Con- version and Dynamic Range Compression	Michihiro Mikamo Tsuyoshi Harada Bisser Raytchev Toru Tamaki Kazufumi Kaneda			The Fourth IIEEJ International Workshop on Image Electronics and Visual Computing, (2014)	

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D47	SVM-MRF Segmentation of Colorectal NBI Endoscopic Images		Tsubasa Hirakawa Toru Tamaki Bisser Raytchev Kazufumi Kaneda Tetsushi Koide Yoko Kominami Shigeto Yoshida Shinji Tanaka			The 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC2014), (2014) pp. 4739-4742
D48	A Tone Reproduction Operator for All Luminance Ranges Considering Human Color Perception		Michihiro Mikamo Bisser Raytchev Toru Tamaki Kazufumi Kaneda			Proc. EUROGRAPHICS 2014 Short Papers, (2014) pp. 17-20
D49	Light Transport Refocusing for Unknown Scattering Medium		Md. Abdul Mannan Seiichi Tagawa Toru Tamaki Hajime Nagahara Yasuhiro Mukaigawa Yasushi Yagi			The 22nd International Conference on Pattern Recognition (ICPR2014), (2014) pp. 4382-4387
D50	Interactive Environment for Learning by Problem-Posing of Arithmetic Word Problems Solved by One-step Multiplication and Division		Sho Yamamoto Yuki Akao Mitsutaka Murotsu Takehiro Kanbe Yuta Yoshida Kazushige Maeda Yusuke Hayashi Tsukasa Hirashima			The 22nd International Conference on Computers in Education Main Conference Proceedings, (2014) pp. 89-94
D51	Practical Use of Interactive Environment for Learning by Problem-posing for One-step Multiplication and Division Word Problems		Sho Yamamoto Yuki Akao Mitsutaka Murotsu Takehiro Kanbe Yuta Yoshida Kazushige Maeda Yusuke Hayashi Tsukasa Hirashima			The 22nd International Conference on Computers in Education Workshop Proceedings, (2014) pp. 369-378
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D55	Triplet Structure, Model of Arithmetical Word Problems for Learning by Problem Posing		Tsukasa Hirashima Yusuke Hayashi Sho Yamamoto			Proc. of HCII2014(LNCS 8522), j ¶ (2014) pp. 42-50
D56	Report on Practice of Note-Rebuilding Support System		Takahito Tomoto Tsukasa Hirashima			Proc. of HCII2014(LNCS 8522), j ¶ (2014) pp. 32-41

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D57	Kit-Build Concept Mapping for Being Aware of the Gap of Exchanged Information in Collaborative Reading of the Literature		Yusuke Hayashi Tsukasa Hirashima		Proc. of HCI2014(LNCS 8522), (2014) pp. 32-41	j ¶
D58	Analysis of Problem-Posing Process of Arithmetical Word Problem as Sentence Integration: Viewpoint of First Selected Sentence		Nur Hasanah Yusuke Hayashi Tsukasa Hirashima		Proc. of ICSLE2014, (2014) pp. 85-88	j ¶
D59	Learning by Posing Problems Using Illustrations Instead of Words		Takanobu Umetsu Hikaru Eto Tsukasa Hirashima Akira Takeuchi		Proc. of ICCE2014, (2014)	j ¶
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D61	Knowledge Propagation in Practical Use of Kit-Build Concept Map System in Classroom Group Work for Knowledge Sharing		Toshihiro NOMURA Yusuke HAYASHI Takuma SUZUKI Tsukasa HIRASHIMA		ICCE2014 Workshop Proceedings, (2014) pp. 463-472	j ¶
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D63	An Implementation of Anonymous Attribute Authentication for Android Devices		Toru Mishima Toru Nakanishi Kan Watanabe Nobuo Funabiki		Proc. of 2014 IEEE International Conference on Consumer Electronics - Taiwan (ICCE-TW2014), (2014) pp. 47-48	j ¶
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D66	An Anonymous Reputation System with Reputation Secrecy for Manager		Toru Nakanishi Nobuo Funabiki		IEICE Trans. Fundamentals, 97-A, 12 (2014) pp. 2325-2335	j ¶
D67	A Proposal of Routing Algorithm under Practical Conditions for Wireless Internet Access Mesh Networks		Nobuo Funabiki Toru Nakanishi Wataru Maruyama		Proc. of 2014 IEEE International Conference on Consumer Electronics - Taiwan (ICCE-TW2014), (2014) pp. 27-28	j ¶
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D74	Variational Bayes for phase-type distribution		H. Okamura R. Watanabe T. Dohi		Communications in Statistics - Simulation and Computation, 43, 8 (2014) pp. 2031-2044	j ¶
D75	Interval estimation method for decision making in wavelet-based software reliability assessment		X. Xiao T. Dohi		IEICE Transactions on Information & Systems (D), E97-D, 5 (2014) pp. 1058-1068	j ¶
D76	Availability and performability analysis for a service degradation process with condition-based preventive maintenance I - formulation and optimization		T. Dohi		International Journal of Strategic Engineering Asset Management, 1 (2014) pp. 80-97	j ¶
D77	Availability and performability analysis for a service degradation process with condition-based preventive maintenance II - estimation and simulation		T. Dohi		International Journal of Strategic Engineering Asset Management, 1 (2014) pp. 98-115	j ¶
D78	Bootstrap confidence interval of optimal age replacement policy		S. Tokumoto T. Dohi W. Y. Yun		International Journal of Reliability, Quality and Safety Engineering, 11, 4 (2014) pp. 98-115	j ¶
D79	Exponential-like software reliability models based on binomial process		X. Xiao T. Dohi		International Journal of Reliability and Quality Performance, 6, 2 (2014) pp. 79-87	j ¶
D80	Uncertainty analysis for a periodic replacement problem with minimal repair: parametric bootstrapping approach		Y. Saito T. Dohi W. Y. Yun		International Journal of Industrial Engineering, 21, 6 (2014) pp. 337-347	j ¶

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D82	A novel framework of software reliability evaluation with software growth models and software metrics	H. Okamura T. Dohi			Proceedings of The 15th IEEE International Symposium on High Assurance Systems Engineering (HASE 2014), (2014) pp. 97-104	
D83	Quantifying resiliency of virtualized system with software rejuvenation	H. Okamura J. Guan C. Luo T. Dohi			Proceedings of The 2014 International Conference on Quality, Reliability, Risk, Maintenance, and Safety Engineering (QR2MSE 2014), (2014)	
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D85	Burr XII distribution-based software reliability modeling	T. Imanaka T. Dohi			Proceedings of The 6th Asia-Pacific International Symposium on Advanced Reliability and Maintenance Modeling (APARM 2014), (2014) pp. 176-183	
D86	Optimized patch applying schedule within multiplex software architecture	C. Luo H. Okamura T. Dohi			Proceedings of The 6th Asia-Pacific International Symposium on Advanced Reliability and Maintenance Modeling (APARM 2014), (2014) pp. 311-318	
D87	Fine-grained software reliability estimation using software testing inputs	H. Okamura Y. Takekoshi T. Dohi			Proceedings of The 6th Asia-Pacific International Symposium on Advanced Reliability and Maintenance Modeling (APARM 2014), (2014) pp. 365-372	
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D89	A kernel-based estimation for a periodic replacement policy with minimal repair	Y. Saito T. Dohi W. Y. Yun			Proceedings of The 6th Asia-Pacific International Symposium on Advanced Reliability and Maintenance Modeling (APARM 2014), (2014) pp. 405-412	
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D92	Coarse-grained parallel uniformization for continuous-time Markov chains	H. Okamura Y. Kunimoto T. Dohi			Proceedings of The 20th IEEE Pacific Rim International Symposium on Dependable Computing (PRDC 2014), (2014) pp. 116-124	
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D104	Stackelberg strategy for discrete-time stochastic system and its application to weakly coupled systems	Hiroaki Mukaidani			American Control Conference, j ¶ (2014) pp. 4506-4511	

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D111	A Spatial Skyline Query for a Group of Users		Md. Shamsul Are n Geng Ma Yasuhiko Morimoto			Journal of Software, j ¶ 9, 11 (2014) pp. 2938-2947
D112	Privacy Aware Parallel Computations of Skyline Sets Queries from Distributed Databases		Md. Shamsul Are n Yasuhiko Morimoto			Computing and Informatics, j ¶ 33, 4 (2014) pp. 831-856
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D118	Agent-based Privacy Aware Feedback System	Md. Shamsul Arnan Rahma Bintey Mu z Mukta Yasuhiko Morimoto			International Conference on Advanced Data Mining and Applications, Springer Lecture Notes in Computer Science 8933(2014) pp. 725-738	
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D120	Improvements of local descriptor in HOG/SIFT by BOF approach	Zhouxin YANG Takio KURITA			IEICE Trans. on Fundamentals, j ¶ E97-D, 5 (2014) pp. 1293-1303	
D121	Image Classification using a Mixture of Subspace Models	Takahashi Takashi Takio Kurita			IPSJ Transactions on Computer Vision and Application 6 (2014) pp. 93-97	j ¶
D122	Nonlinear Discriminant Analysis based on Probability Estimation by Gaussian Mixture Model	Akinori Hidaka Takio Kurita			Proc. of Structural, Syntactic, and Statistical Pattern Recognition (S+SSPR2014), (2014) pp. 133-142	j ¶
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D124	Randomized and Dimension Reduced Kernel Generation for Support Vector Machine	Akinori Hidaka Takio Kurita			Proc. of The 46th ISCIE International Symposium on Stochastic Systems Theory and Its Applications, Notre Dame Hall, Kyoto Institute of Technology, Kyoto, Japan, (2014)	j ¶

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E3	Self-healing polymer coatings with A. Yabuki cellulose nano bers served as pathways for th A. Kawashima release of a corrosion inhibitor I.W. Fathona	Corrosion Science, 85(2014) j ¶ pp. 141-146	
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E5	A simple one-step fabrication of shortI.W. Fathona polymer nano bers via electrospinning A. Yabuki	Journal of Materials Science, 49 j ¶ (2014) pp. 3519-3528	
E6	One-step fabrication of short I.W. Fathona nano bers by electrospinning: ect of Khairurrijal needle size on nano ber length A. Yabuki	Advanced Materials Research, 896 j ¶ (2014) pp. 33-36	
E7	~" Å Ÿ ĩ ~ t " Ú ~ Ø w x ~ . î ü ' œ ç	~ Ø U [, 65, 10 (2014) ï † pp. 470-474	
E8	Transient Nature of Graphene QuanT. Ogi tum Dots Formation via a Hydrothermal Re-H. Iwasaki action K. Aishima F. Iskandar W-N. Wang K. Takimiya K. Okuyamthona	TSC5 Td[(8(Research,d[(14)]TJ /F17 9.963 65.3.96 Td[(,)-777(5)]TJ -126.527	

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E11	Morphology control of hierarchical porous carbon particles from phenolic resin and polystyrene latex template via aerosol process	R. Balgis T. Ogi A.F. Arif G. Anilkumar T. Mori K. Okuyama			Carbon, (2014)	j ¶
E12	Aerosol Synthesis of Self-Organized Nanostructured Hollow and Porous Carbon Particles using a Dual Polymer System	R. Balgis T. Ogi W.N. Wang G. Anilkumar S. Sago K. Okuyama			Langmuir, 30(2014) pp. 11257-11262	j ¶
E13	Size- and Charge-controllable Polystyrene Spheres for Templates in the Preparation of Porous Silica Particles with Tunable Internal Hole Configurations	A. B. D. Nandiyanto A. Suhendi T. Ogi R. Umemoto K. Okuyama			Chemical Engineering Journal (2014) pp. 421-430	j ¶
E14	Low-energy bead-milling dispersions of rod-type titania nanoparticles and their optical properties	T. Tahara Y. Imajou A. B. D. Nandiyanto T. Ogi T. Iwaki K. Okuyama			Advanced Powder Technology, 25, 5 (2014) pp. 1492-1499	j ¶
E15	Gas Phase Preparation of Spherical Core-Shell α -Fe ₂ O ₃ /SiO ₂ Magnetic Nanoparticles	R. Zulhijah A. B. D. Nandiyanto T. Ogi T. Iwaki K. Nakamura K. Okuyama			Nanoscale, 6 (2014) pp. 6487-6491	j ¶
E16	Direct White Light Emission from a Rare-Earth-Free Aluminium-Boron-Carbon Oxynitride Phosphor	T. Ogi H. Iwasaki A. B. D. Nandiyanto F. Iskandar W.N. Wang K. Okuyama			Journal of Materials Chemistry C, j ¶ 2, 21 (2014) pp. 4297-4303	j ¶
E17	á Ü { O t ' ' s M Q A ¥ } Ê m • P % o w ù R	, Z ^ Ê , ^ a H T Š ì % . 8 • * q Ê			= ¶ » ¶ æ B , 40, 3 (2014) pp. 234-239	j ¶
E18	Control of the Shell Structural Properties and Cavity Diameter of Hollow Magnesium Fluoride Particles	A.B.D.Nandiyanto T. Ogi K. Okuyama			ACS Applied Materials & Interfaces, 6 (2014) pp. 4418-4427	j ¶

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E19	Aerial observations of air masses transported from East Asia to the Western Pacific: Vertical structure of polluted air masses	S. Hatakeyama K. Ikeda S. Hanaoka I. Watanabe T. Arakaki H. Bandow Y. Sadanaga S. Kato Y. Kajii D. Zhang K. Okuyama T. Ogi T. Fujimoto T. Seto A. Shimizu N. Sugimoto A. Takami	Atmospheric Environment, 97 (2014) pp. 456-461	j ¶
E20	Aerial observation of nitrogen compounds over the East China Sea in 2009 and 2010	H. Fujiwara and Sadanaga J. Urata Y. Masui H. Bandow K. Ikeda S. Hanaoka I. Watanabe T. Arakaki S. Kato Y. Kajii D. Zhang K. Hara T. Fujimoto T. Seto K. Okuyama T. Ogi A. Takami A. Shimizu S. Hatakeyama	Atmospheric Environment, 97 (2014) pp. 462-470	j ¶
E21	Photoluminescence Optimization of BCNO Phosphors Synthesized Using Citric Acid as a Carbon Source	B. W. Nuryadin P. Pratiwi F. Iskandar M. Abdullah K. hairurrijal T. Ogi K. Okuyama	Advanced Powder Technology, 25, 3 (2014) pp. 891-895	j ¶
E22	Synthesis of nanostructured particles for energy and resources saving	K. Okuyama R. Balgis T. Ogi	The 5th Nanoscience and Nanotechnology Symposium American Institute of Physics (AIP) Conference Proceedings, 1586 (2014) pp. 3-6	j ¶
E23	[> B] ¶ ž é ° ç Ó é · μ > ; M h • { P % w ù R q ¥ ¶ È ç a " P % • w ;	. 8	¶ ž é ° ç Z € , 29, 2 (2014) pp. 76	ï †

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E24	Production of polyamic acid in supercritical carbon dioxide with N,N-dimethylformamide		Masashi Haruki Yumi Hasegawa Naoya Fukui Shin-ichi Kihara Shigeki Takishima		J. Appl. Polym. Sci.,131(2014) pp. app39878	j ¶
E25	Deposition of aromatic polyimide thin films in supercritical carbon dioxide		Masashi Haruki Yumi Hasegawa Naoya Fukui Shin-ichi Kihara Shigeki Takishima		J. Supercrit. Fluids94(2014) pp. 147-153	j ¶
E26	Solubility and diffusion coefficient of supercritical-CO ₂ in polycarbonate and CO ₂ induced crystallization of polycarbonate		Ying Sun Miki Matsumoto Kota Kitashima Masashi Haruki Shin-ichi Kihara Shigeki Takishima		J. Supercrit. Fluids95(2014) pp. 35-43	j ¶
E27	Effect of water content on the adsorption of CO ₂ on poly(2-vinylpyridine) grafted with poly(2-dimethylaminoethyl methacrylate)				= ¶ » ¶ æ B , 40(2014)	i †
E28	Bubble nucleation pressure of polymers using high-pressure gases		Ying Sun Yumi Ueda Hiroyuki Suganaga Masashi Haruki Shin-ichi Kihara Shigeki Takishima		Proceedings of 10th International Conference on Separation Science and Technology, (2014)	j ¶
E29	Separation of bisphenol-A by uni-molecular micelles formed by pH-responsive polymer grafted onto polypropylene nonwoven fabrics		Koji Teramoto Sho Kimata Toshiyuki Harada Makoto Chuman Shuji Sakohara		Chemical Engineering Journal239 (2014) pp. 490-497	j ¶
E30	Functional adsorbent as endocrine disruptor using pH-responsive polymer grafted on porous ethylene vinyl acetate disk		Koji Teramoto Sho kimata Toshiyuki Harada Shuji Sakohara		Chemical Engineering Journal246 (2014) pp. 114-121	j ¶
E31	Investigation of ion adsorption properties of sulfobetaine gel and relationship with its swelling behavior		Eva Oktavia Ningrum Yukiko Murakami Yasuhiro Ohfuka Takehiko Gotoh Shuji Sakohara		Polymer,55(2014) pp. 5189-5197	j ¶
E32	Adsorption of bisphenol-A by pH-responsive polymer grafted on porous polyethylene vinyl acetate disk: Effect of the side-chain length of hydrophobic component in polymer on adsorption		Koji Teramoto Toshiyuki Harada Shuji Sakohara		Chemical Engineering Journal258 (2014) pp. 386-393	j ¶

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E33	Experimental and theoretical study on small gas permeation properties through amorphous silica membrane		M. Kanezashi F. Sasaki H. Tawarayama H. Nagasawa K. Ito T. Yoshioka T. Tsuru		Journal of Physical Chemistry C, 118(2014) pp. 20323-20331	
E34	Gas permeation properties through Al-doped organosilica membranes with controlled network size		M. Kanezashi S. Miyauchi H. Nagasawa T. Yoshioka T. Tsuru		Journal of Membrane Science 466 (2014) pp. 246-252	j ¶
E35	Preparation and gas permeation properties of thermally stable organosilica membranes derived by hydrosilylation		M. Kanezashi H. Sasaki H. Nagasawa T. Yoshioka T. Tsuru		Journal of Materials Chemistry A 2 (2014) pp. 672-680	j ¶
E36	Porous Al ₂ O ₃ /TiO ₂ tubes in combination with 1-ethyl-3-methylimidazolium acetate ionic liquid for CO ₂ /N ₂ separation		J. Albo T. Yoshioka T. Tsuru		Separation and Purification Technology, 122(2014) pp. 440-448	j ¶
E37	Gas transport properties of interfacially polymerized polyamide composite membranes under different pre-treatments and temperatures		J. Albo J. Wang T. Tsuru		Journal of Membrane Science 449 (2014) pp. 109-118	j ¶
E38	Structural characterization of thin polyamide reverse osmosis membranes	Im	J. Albo H. Hagiwara H. Yanagishita K. Ito T. Tsuru		Industrial & Engineering Chemistry Research 53 (2014) pp. 1442-1451	j ¶
E39	Thin ionic liquid membranes based on inorganic supports with different pore sizes		J. Albo T. Tsuru		Industrial & Engineering Chemistry Research 53 (2014) pp. 8045-8056	j ¶
E40	Gas permeable composite hollow fiber membrane with three layer structure	ber	M. Uenishi N. Fukushima M. Mizuta J. Kamo T. Tsuru		Journal of Membrane Science 467 (2014) pp. 175-187	j ¶
E41	Gas permeability of thin dense films from polymer blend of thermoplastic elastomer and polyolefin	lms	M. Uenishi N. Fukushima M. Teramachi M. Mizuta J. Kamo T. Tsuru		Journal of Applied Polymer Science, 131(2014) pp. 39386-39397	j ¶
E42	A closer look at the development and performance of organic-inorganic membranes using 2,4,6-tris[3(triethoxysilyl)-1-propoxyl]-1,3,5-triazine (TTESPT)		S. M. Ibrahim R. Xu H. Nagasawa A. Naka J. Ohshita T. Yoshioka M. Kanezashi T. Tsuru		RSC Advances 4 (2014) pp. 12404-12407	j ¶

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E43	Insight of pore tuning of triazine-based nitrogen-rich organoalkoxysilanes membranes for water desalination	S. M. Ibrahim R. Xu H. Nagasawa A. Naka J. Ohshita T. Yoshioka M. Kanezashi T. Tsuru			RSC Advances 4 (2014) pp. 23759-23769	j ¶
E44	Controlled surface morphology of polyamide membranes via the addition of co-solvent for improved water permeability	T. Kamada T. Ohara T. Shintani T. Tsuru			Journal of Membrane Science 467 (2014) pp. 303-312	j ¶
E45	Optimization of preparation conditions of multi-layered polyamide membrane using co-solvent addition technique	T. Kamada T. Ohara T. Shintani T. Tsuru			Journal of Membrane Science 453 (2014) pp. 489-497	j ¶
E46	High temperature stability of PECVD-derived organosilica membranes deposited on TiO ₂ and SiO ₂ -ZrO ₂ intermediate layers using HMDSO/Ar mixture	H. Nagasawa M. Kanezashi T. Yoshioka T. Tsuru			Separation Purification Technology, 121 (2014) pp. 13-19	j ¶
E47	Modified gas-translation model for prediction of gas permeation through microporous organosilica membranes	H. Nagasawa T. Niimi M. Kanezashi T. Yoshioka T. Tsuru			AIChE Journal, 60 (2014) pp. 4199-4210	j ¶
E48	Fabrication of hybrid silica separation layer on porous polysulfone support and application of the multi-layer structured composite membrane to vapor permeation	G. Gong J. Wang H. Nagasawa M. Kanezashi T. Yoshioka T. Tsuru			Journal of Membrane Science 464 (2014) pp. 140-148	j ¶
E49	Synthesis and characterization of layered-hybrid membrane consisting of organosilica separation layer on a polymeric nano filtration membrane	G. Gong J. Wang H. Nagasawa M. Kanezashi T. Yoshioka T. Tsuru			Journal of Membrane Science 472 (2014) pp. 19-28	j ¶
E50	New insights into microstructure-separation properties of organosilica membranes with ethane, ethylene and acetylene bridges	R. Xu S. M. Ibrahim M. Kanezashi T. Yoshioka K. Ito J. Ohshita T. Tsuru			ACS Applied Materials & Interfaces, 6 (2014) pp. 9357-9364	j ¶
E51	Graphene nanosheets supporting nanoparticles with controlled nanoarchitectures form a high-performance catalyst for CO _x -free hydrogen production from ammonia	R. G. Li H. Nagasawa M. Kanezashi T. Yoshioka T. Tsuru			Journal of Materials Chemistry A, 2 (2014) pp. 9185-9192	j ¶

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E52	Development and gas permeation properties of microporous amorphous ZrO ₂ -organic composite membranes using chelating ligands	T. Fukumoto T. Yoshioka H. Nagasawa M. Kanezashi T. Tsuru	¶	È	Journal of Membrane Science (2014) pp. 96-105	461 j ¶
E53	CO ₂ permeation through organic-inorganic hybrid silica membranes in the presence of water vapor	X. Ren K. Nishimoto M. Kanezashi H. Nagasawa T. Yoshioka T. Tsuru	¶	È	Industrial & Engineering Chemistry Research (2014) pp. 6113-6120	53 j ¶
E54	Preparation of organic-inorganic hybrid silica membranes of catalytic membrane reactors for dehydrogenation of methylcyclohexane	T. Niimi H. Nagasawa M. Kanezashi T. Yoshioka T. Tsuru	¶	È	Journal of Membrane Science (2014) pp. 375-383	455 j ¶
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E64	Removal of Coagulant Aluminum from Water Treatment Residuals by Acid			Tetsuji Okuda Wataru Nishijima Mayo Sugimoto Naoyuki Saka Satoshi Nakai Kazuyasu Tanabe Junki Ito		Water Research 60 (2014) pp. 75-81	j ¶	
E65	Chemical Behavior of Sand Alternatives in the Marine Environment.			Tetsuji Okuda Satoshi Asaoka Hitomi Yano Kouji Yoshitsugu Satoshi Nakai Wataru Nishijima Kenji Sugimoto		Chemosphere 105 (2014) pp. 106-111	j ¶	
E66	A green procedure using ozone for Cleaning-in-Place in the beverage industry			Wataru Nishijima Tetsuji Okuda Satoshi Nakai Mitsumasa Okada		Chemosphere 111 (2014) pp. 164-168	j ¶	
E67	Macrobenthic succession and characteristics of a man-made intertidal sand at constructed in the diversion channel of the Ohta River Estuary			Wataru Nishijima Yoichi Nakano Satoshi Nakai Tetsuji Okuda Tsuyoshi Imai Mitsumasa Okada		Marine Pollution Bulletin, 82 (2014) pp. 101-108	j ¶	
E68	Environmental effects on allelopathic growth inhibition of a cyanobacterium (<i>Microcystis aeruginosa</i>) by a submerged macrophyte (<i>Myriophyllum spicatum</i>) and evidence of possible mechanisms			Satoshi Nakai Satoshi Asaoka Tetsuji Okuda Wataru Nishijima		Journal of Chemical Engineering of Japan, 47, 6 (2014) pp. 488-493	j ¶	
E69	Stimulation of nitrogen removal in the rhizosphere of aquatic duckweed by root exudate components			Y. F. Lu Y. R. Zhou S. Nakai M. Hosomi H. L. Zhang H. J. Kronzucker W. M. Shi		PLANTA, 239 (2014) pp. 591-603	j ¶	
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E70 Photochemical decomposition of per-Masaki Ohno
uorooctanoic acid mediated by iron in Masataka Ito
strongly acidic conditions

Ryouichi Ohkura
Esteban R. Mino A.
Tomohiro Kose
Tetsuji Okuda
Satoshi Nakai

Journal of Hazardous Materials, j ¶
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F1	Thermodynamic Stability of [60]Fullerene and γ -Cyclodextrin Complex in Aqueous Solution: Free Energy Simulation.	Shunsuke Mieda Atsushi Ikeda Yasushi Shigeri Wataru Shinoda	The Journal of Physical Chemistry C, 118, 23 (2014) pp. 12555-12561	j ¶
F2	Stability of Lipid-Membrane-Incorporated Azobenzene and Pyrenes Water	Atsushi Ikeda Tomohiro Hida Toshiyuki Nakano Shodai Hino Kazuyuki Nobusawa Motofusa Akiyama Kouta Sugikawa	Chemistry Letters 43, 10 (2014) pp. 1551-1553	j ¶
F3	[70]Fullerenes Assists the Formation of Phospholipid Bicelles at Low Lipid Concentrations	Atsushi Ikeda Kazuya Kiguchi Tomohiro Hido Kazuma Yasuhara Kazuyuki Nobusawa Motofusa Akiyama Wataru Shinoda	Langmuir, 30, 41 (2014) pp. 12315-12320	j ¶
F4	Synthesis of Group 14 Dipyrindinometalloles with Enhanced Electron-Deficient Properties and Solid-State Phosphorescence	Joji Ohshita Kazuya Murakami Daiki Tanaka Yousuke Ooyama Tomonobu Mizumo Norifumi Kobayashi Hideyuki Higashimura Takayuki Nakanishi Yasuchika Hasegawa	Organometallics 33 (2014) pp. 517-521	j ¶
F5	Preparation of D-A Polymer with Disilanylbiophene as New Donor Component and Application to High-voltage Bulk Heterojunction Polymer Solar Cell	Joji Ohshita Makoto Nakashima Daiki Tanaka Yasushi Morihara Hiroyuki Fueno Kazuyoshi Tanaka	Polymer chemistry 5 (2014) pp. 346-349	j ¶
F6	Preparation and photo-induced energy and electron transfer of new donor-silicon acceptor polymers	Joji Ohshita Fumiya Kaneko Daiki Tanaka Yousuke Ooyama	Asian Journal of Organic Chemistry, 3 (2014) pp. 170-175	j ¶
F7	Preparation of poly(disilanylenetetra-cyanobutadienyleneoligothienylene)s as new donor-acceptor type organosilicon polymers	Joji Ohshita Tomonari Kajihara Daiki Tanaka Yousuke Ooyama	Journal of Organometallic Chemistry, 749 (2014) pp. 255-260	j ¶
F8	Effects of Substituents and Molecular Weight on the Optical, Thermal, and Photovoltaic Properties of Alternating Dithienogermole-Dithienylbenzothiadiazole Polymers	Fei-Bao Zhang Joji Ohshita Masayuki Miyazaki Daiki Tanaka Yasushi Morihara	Polymer Journal 46, 9 (2014) pp. 628-631	j ¶

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F9	Polymerization Behavior and Gel Properties of Ethane, Ethylene and Acetylene Bridged Polysilsesquioxanes		Kazuki Yamamoto Joji Ohshita Tomonobu Mizumo Toshinori Tsuru		Journal of Sol-Gel Science and Technology, 71 (2014) pp. 24-30	j ¶
F10	Design and Syntheses of Highly Emissive Aminobenzopyrano-xanthene Dyes in the Visible and Far-Red Regions		Shinichiro Kamino Miho Murakami Masaru Tanioka Yoshinao Shirasaki Keiko Watanabe Jun Horigome Yousuke Ooyama Shuichi Enomoto		Organic Letters, 16 (2014) pp. 258-261	j ¶
F11	New cosensitization method using Lewis acid sites of TiO ₂ photoelectrode for dye-sensitized solar cells		Naoyuki Shibayama Hironobu Ozawa Masahiro Abe Yousuke Ooyama Hironori Arakawa		Chemical Communications, 50 (2014) pp. 6398-6401	j ¶
F12	BODIPY dye possessing solid-state red uorescence and green metallic luster property in both crystalline and amorphous states		Yousuke Ooyama Muta Hagiwara Yuichiro Oda Hiroshi Fukuoka Joji Ohshita		RSC Advances, 4 (2014) pp. 1163-1167	j ¶
F13	Development of D π -A uorescent dye with benzothienopyridine as electron-withdrawing anchoring group for dye-sensitized solar cells		Yousuke Ooyama Takafumi Sato Yutaka Harima Joji Ohshita		Journal of Materials Chemistry, 24 (2014) pp. 3293-3296	j ¶
F14	Development of D π -Cat uorescent dyes with catechol group for dye-sensitized solar cells based on dye-to-TiO ₂ charge transfer		Yousuke Ooyama Takehiro Yamada Takuya Fujita Yutaka Harima Joji Ohshita		Journal of Materials Chemistry, 24 (2014) pp. 8500-8511	j ¶
F15	Development of highly-sensitive uorescence PET (photo-induced electron transfer) sensor for water: anthracene-boronic acid ester		Yousuke Ooyama Kensuke Furue Joji Uenaka Joji Ohshita		RSC Advances, 4 (2014) pp. 25330-25333	j ¶
F16	1 μ R 4 C Q = ù ú w @ Æ ; > è \$ q ` h Ò ÿ „ Ê Ž = x É t ‘ ” ý F f L N t b ” Z €		- á ‘ æ e ’ j « ¶ ¶ • Y ú =		ô ü æ B , 71, 1 (2014) pp. 1-10	j ¶
F17	Synthesis of multiblock copolymer of poly(cis-1,4-butadiene) and poly(3-buten-1-ol)		Ryo Tanaka Yuki Kasai Masahito Shinzawa Zhengguo Cai Yuushou Nakayama Takeshi Shiono		Macromol. Chem. Phys., 215, 9 (2014) pp. 888-892	j ¶
F18	New Nickel(II) Diimine Complexes Bearing Phenyl and sec-Phenethyl Groups: Synthesis, Characterization, and Ethylene Polymerization Behaviour		Fuzhou Wang Shianchao Yuan Qingshan Li Ryo Tanaka Yuushou Nakayama Takeshi Shiono		Appl. Organomet. Chem., 28, 7 (2014) pp. 477-483	j ¶

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F19	Heterogenization of an Anilinonaphthoquinone-Chelated Complex for Ethylene Polymerization Using Silica-Supported Modified Methylaluminoxane			Mitsuhiro Okada Yuushou Nakayama Takeshi Shiono	Macromol. Chem. Phys. 215, 18 (2014) pp. 1792-1796	j ¶
F20	Synthesis of C1 symmetrical ansa-cyclopentadienylamidotitanium complexes and their application for living polymerization of propylene			Zhengguo Cai Haihui Su Yuushou Nakayama Takeshi Shiono Munetaka Akita	J. Organomet Chem. 770, 1 (2014) pp. 136-141	j ¶
F21	Synthesis and Properties of Poly(epsilon-caprolactone)-based Poly(ester-urethane)s Having Quaternary Ammonium Groups			Yuushou Nakayama Naoki Matsubara Ryo Tanaka Zhengguo Cai Takeshi Shiono Hiroyuki Shirahama Chikara Tsutsumi	J. Jpn. Inst. Energy 3, 9 (2014) pp. 916-920	j ¶
F22	Synthesis and Properties of Polylactide-based Poly(ester-urethane) with Ionic Groups			Yuushou Nakayama Toshitaka Ohmori Ryo Tanaka Takeshi Shiono Hiroyuki Shirahama	J. Jpn. Inst. Energy 3, 9 (2014) pp. 921-925	j ¶
F23	Synthesis of Biodegradable Thermo-plastic Elastomers from epsilon-Caprolactone and Lactide			Yuushou Nakayama Kazuki Aihara Hitomi Yamanishi Hirosi Fukuoka Ryo Tanaka Zhengguo Cai Takeshi Shiono	J. Polym. Sci. Part A: Polym. Chem. 53, 3 (2014) pp. 489-495	j ¶
F24	Synthesis and application of Ni(II) and Pd(II) complexes with bulky steric groups to polymerization of ethylene and methyl methacrylate			Fuzhou Wang Ryo Tanaka Qingshan Li Yuushou Nakayama Jianchao Yuan Takeshi Shiono	J. Mol. Catal. A: Chem. 398 (2014) pp. 231-240	j ¶
F25	Pseudo-living copolymerization of norbornene and omega-alkenylborane synthesis of monodisperse functionalized cycloolefin copolymer			Ryo Tanaka Tomomi Ikeda Yuushou Nakayama Takeshi Shiono	Polymer 56 (2014) pp. 218-222	j ¶
F26	Ethylene-propylene copolymerization behavior of ansa-dimethylsilylene(urenyl)(amido)dimethyltitanium complex: application to ethylene-propylene-diene or ethylene-propylene-norbornene terpolymers			Ryo Tanaka Issei Kamei Zhengguo Cai Yuushou Nakayama Takeshi Shiono	J. Polym. Sci. Part A: Polym. Chem. 53, 5 (2014) pp. 685-691	j ¶
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F28	Scope and limitation for FeS ₂ mediated direct arylation of heteroarenes with arylboronic acids and its synthetic application			Kimihiko Komeyama Miyu Nagao Manabu Abe Ken Takaki	Bull. Chem. Soc. Jpn. 87 (2014) pp. 301-313	j ¶

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F29	A Masked Diboron in Cu-Catalysed Borylation Reaction: Highly Regioselective Formal Hydroboration of Alkynes for Synthesis of Branched Alkenylborons	Hiroto Yoshida Yuki Takemoto Ken Takaki			Chem. Commun. 50 (2014) pp. 8299-8303	j ¶
F30	Three-component Carboboration of Alkenes under Copper Catalysis	Ikuo Kageyuki Hiroto Yoshida Ken Takaki			Synthesis 46 (2014) pp. 1924-1932	j ¶
F31	Silver-Catalyzed Highly Regioselective Formal Hydroboration of Alkynes	Hiroto Yoshida Ikuo Kageyuki Ken Takaki			Org. Lett., 16 (2014) pp. 3512-3515	j ¶
F32	Direct Synthesis of Boron-Protected Alkenyl- and Alkylborons via Copper-Catalyzed Formal Hydroboration of Alkynes and Alkenes	Hiroto Yoshida Yuki Takemoto Ken Takaki			Asian J. Org. Chem. 3 (2014) pp. 1204-1209	j ¶
F33	Facile Access to vic-Borylstannylalkanes via Copper-Catalyzed Three-component Borylstannylation of Alkenes	Yuki Takemoto Hiroto Yoshida Ken Takaki			Synthesis 46 (2014) pp. 3024-3032	j ¶
F34	Removal of hydrogen sulfide with steelmaking slag by concurrent reactions of sulfide mineralization and oxidation	K. Okada T. Yamamoto K.-H. Kim S. Asaoka S. Hayakawa K. Takeda T. Watanabe A. Hayashi Y. Miyata			Ecolo. Eng., 69 (2014) pp. 122-126	j ¶
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F37	BL05SS w O J ¶ b ; q Ú ç ½ Þ " Å , « X ø ü s ÷ "		ã ' û È à Š % @ Š b i U / ô > £ %		SPring-8 Information, 19 (2014) pp. 318-321	j ¶

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F38	Regeneration of manganese oxide adsorption sites for hydrogen sulfide on granulated coal ash	S. Asaoka H. Okamura Y. Akita K. Nakano K. Nakamoto K. Hino T. Saito S. Hayakawa M. Katayama Y. Inada			Chem.Eng. J.254(2014) pp. 531-537	j ¶
F39	An easy one-step electrosynthesis of graphene/polyaniline composites and electrochemical capacitor	X. Jiang S. Setodoi S. Fukumoto I. Imae K. Komaguchi J. Yano H. Mizota Y. Harima			Carbon,6 (2014) pp. 662-672	j ¶
F40	Effects of π -conjugated side chains on properties and performances of photovoltaic copolymers	Z. Tan I. Imae K. Komaguchi Y. Ooyama J. Ohshita Y. Harima			Synthetic Metals187(2014) pp. 30-36	j ¶
F41	Synthesis and electrical properties of novel oligothiophenes partially containing ethylenedioxythiophenes	I. Imae S. Imabayashi K. Komaguchi Z. Tan Y. Ooyama Y. Harima			RSC Advances4, 5 (2014) pp. 2501-2508	j ¶
F42	Synthesis of soluble polythiophene partially containing ethylenedioxythiophene and 3-hexylthiophene by polycondensation	I. Imae H. Sagawa M. Mashima K. Komaguchi Y. Ooyama Y. Harima			Open Journal of Polymer Chemistry, 4, 3 (2014) pp. 83-93	j ¶
F43	Development of D π -A dyes with pyrazine ring as electron-withdrawing anchoring group for dye-sensitized solar cells	Y. Ooyama K. Uenaka Y. Harima J. Ohshita			RSC Advances4, 57 (2014) pp. 30225-30228	j ¶
F44	Development of D π -Catescent dyes with a catechol group for dye-sensitized solar cells based on dye-to-TiO ₂ charge transfer	Y. Ooyama T. Yamada T. Fujita Y. Harima J. Ohshita			Journal of Materials Chemistry A: Materials for Energy and Sustainability, 2, 22 (2014) pp. 8500-8511	j ¶
F45	Development of a D π -A uorescent dye with benzothienopyridine as electron-withdrawing anchoring group for dye-sensitized solar cells	Y. Ooyama S. Sato Y. Harima J. Ohshita			Journal of Materials Chemistry A: Materials for Energy and Sustainability, 2, 10 (2014) pp. 3293-3296	j ¶

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F46	Hybridization of Au nanoparticle-loaded TiO ₂ with BN nanosheets for efficient solar-driven photocatalysis		Y. Ide F. Liu J. Zhang N. Kawamoto K. Komaguchi Y. bando D. Golberg		Journal of Materials Chemistry A: Materials for Energy and Sustainability, 2, 12 (2014) pp. 4150-4156	j ¶
F47	Development and Potential Theranostic Applications of a Self-assembled Hybrid Magnetic Nanoparticle Clusters with Polysaccharide Nanogels		Kiyofumi Katagiri Keiko Ohta Kaori Sako Kei Inumaru Koichiro Hayashi Yoshihiro Sasaki Kazunari Akiyoshi		ChemPlusChem, 9, 11 (2014) pp. 1631-1637	j ¶
F48	Anti-reflective coatings prepared via layer-by-layer assembly of mesoporous silica nanoparticles and polyelectrolytes		Kiyofumi Katagiri Shin-ichiro Yamazaki Kei Inumaru Kunihito Koumoto		Polymer Journal, (2014)	j ¶
F49	Light-induced saturation change in the angle-independent structural coloration of colloidal amorphous arrays		Ryoko Hirashima Takahiro Seki Kiyofumi Katagiri Yuki Akuzawa Tsukasa Torimoto Yukikazu Takeoka		J. Mater. Chem. C, (2014) pp. 344-348	j ¶
F50	Á; Æ È { } ; M h È Ò æ ç Å P % μ ì ; Ý Æ ÿ § ç ; » µ ú q ` o μ		" Å Z		. á Û ç « Æ " » Ò ç « , 42, 96 (2014) pp. 103-108	ï †
F51	Ä += ITO Æ È { q í " î Ä é © ß Û æ ß á ð ï » ; M h ô § S z Ž ç ... - " Ä ÿ ï -		" Å Z		NEW GLASS, 29, 2 (2014) pp. 31-36	ï †
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F53	ô y — < p \ R b " Ò ; < ' ß " Ú Æ Ä w A ¥ Ì q ? Ì		ñ , °		ô y — w J ¶ q U [, 24, 3 (2014) pp. 195-203	f w
F54	Self-regeneration of three-way catalyst rhodium supported on La-containing ZrO ₂ in an oxidative atmosphere		Hisaya Kawabata ZrO ₂ Yuki Koda Hirosuke Sumida Masahiko Shigetsu Akihide Takami Kei Inumaru		Catal. Sci. Technol, 4, 3 (2014) pp. 697-707	j ¶
F55	High-Pressure Synthesis and Structural Characterization of the Type II Clathrate Compound Na _{0.5} Si ₁₃₆ Encapsulating Two Sodium Atoms in the Same Silicon Polyhedral Cages		Shoji Yamanaka Masaya Komatsu Masashi Tanaka Hiroshi Sawa Kei Inumaru		J. Am. Chem. Soc., 136, 21 (2014) pp. 7717-7725	j ¶

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F56	Electrical properties of B ₃ C ₆₀ collapsed under high-pressure and high-temperature conditions		Masashi Tanaka Shuai Zhang Takahiro Onimaru Toshiro Takabatake Kei Inumaru Shoji Yamanaka		CARBON,73(2014) pp. 125-131	j ¶
F57	Ship-in-bottle synthesis of the mixed-layered compounds of clay silicate-phosphate		Hiroshi Kawagoe Naoya Imo-oka Hiroyasu Shinohara Shoji Yamanaka		Dalton Trans.,43, 27 (2014) pp. 10642-10650	j ¶
F58	The Ba 4d-4f giant dipole resonance in complex BaSi compounds		J. C. Sahle C. Sternemann H. Sternemann J. S. Tse R. A. Gordon S. Desgreniers S. Maekawa S. Yamanaka F. Lehmkuhler D. C. F. Wieland K. Mende S. Huotari M. Tolan		J. Phys. B- Atom. Mol. Opt. Phys., j ¶ 47, 4 (2014) pp. Art. No. 045102	
F59	An efficient way to synthesize Hiroshima University Silicate-1 (HUS-1) and the selective adsorption property of it from seawater		K. Honda Y. Ide N. Tsunoji M. Torii M. Sadakane T. Sano		Bull. Chem. Soc. Jpn87(2014) pp. 160-166	j ¶
F60	Y ₃ Al ₅ (OH) ₈ (F ₂ Si ₂ O ₇) ₂ ·nH ₂ O		Ö i' 9 q h æ • - \$ { ö ° \$ ú 1 ĩ		š , 39(2014) pp. 56-60	j ¶
F61	Synthesis and characteristics of novel layered silicate HUS-7 using benzyltrimethylammonium hydroxide and its unique and selective adsorption behavior of phenol		N. Tsunoji T. Ikeda M. Sadakane T. Sano		J. Mater. Chem. A2 (2014) pp. 3372-3380	j ¶
F62	Facile synthesis of AEI zeolite by hydrothermal conversion of FAU zeolite in the presence of tetraethylphosphonium cations		T. Maruo N. Yamanaka N. Tsunoji M. Sadakane T. Sano		Chem. Lett.43(2014) pp. 302-304	j ¶
F63	Synthesis and structural characterization of isomers of Ru-substituted Keggin-type germanotungstate with dmsoligand		N. Shimizu T. Ozeki H. Shikama T. Sano M. Sadakane		J. Cluster Sci.25(2014) pp. 755-770	j ¶

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F64	Preparation and redox studies of α_1 - and α_2 -isomers of mono-Ru-substituted Dawson-type phosphotungstates with a DMSO ligand: $\alpha\{\alpha_2\text{-P}_2\text{W}_{17}\text{O}_{61}\text{Ru}^{\text{II}}(\text{DMSO})\}^{\text{8--}}$	stud-S. Ogo N. Shimizu K. Nishiki N. Yasuda T. Mizuta T. Sano M. Sadakane			Inorg. Chem.53(2014) pp. 3526-3539	j ¶
F65	Design of layered silicate by grafting with metal acetylacetonate for high activity and chemoselectivity in photooxidation of cyclohexane	N. Tsunoji Y. Ide Y. Yagenji M. Sadakane T. Sano			ACS Appl. Mater. Interfaces6 (2014) pp. 4616-4621	j ¶
F66	Extraordinary effects of an argon atmosphere on TiO ₂ photocatalysis	Y. Ide H. Hattori T. Sano			Phys. Chem. Chem. Phys16 (2014) pp. 7913-7918	j ¶
F67	Recreation of Brønsted acid sites in phosphorus-modified HZSM-5(Ga) by modification with various metal cations	N. Tsunoji T. Sonoda Y. Furumoto M. Sadakane T. Sano			Appl. Catal. A,481(2014) pp. 161-168	j ¶
F68	Hydrothermal conversion of FAU and *BEA-type zeolites into MAZ-type zeolites in the presence of non-calcined seed crystals	K. Honda A. Yashiki M. Sadakane T. Sano			Microporous Mesoporous Mater., j ¶ 196(2014) pp. 254-260	
F69	Preparation and characterization of Preyssler-type phosphotungstic acid H _{15-n} [P ₅ W ₃₀ O ₁₁₀ M ⁿ⁺], with different encapsulated cations (M = Na, Ca, Bi, Eu, Y, or Ce), and their thermal stability and acid catalyst properties	K. Takahashi T. Sano M. Sadakane			Z. Anorg. Allgem. Chem.,640 (2014) pp. 1314-1324	j ¶
F70	Effect of crystal size and surface modification of ZSM-5 zeolites on conversion of ethanol to propylene	Y. Takamitsu K. Yamamoto S. Yoshida H. Ogawa T. Sano			J Porous Mater21(2014) pp. 433-440	j ¶
F71	Microporous titanate nanobers for highly efficient UV-protective transparent coating	H. Hattori Y. Ide T. Sano			J. Mater. Chem. A2(2014) pp. 16381-16388	j ¶
F72	Surface silylation of silicalite membranes and their pervaporation performance for the separation of ethanol from ethanol-water mixtures	H. Negishi M. Okamoto T. Sano T. Ikegami K. Sakak H. Yanagishita			J. Cerm. Soc. Jpn122(2014) pp. 357-360	j ¶
F73	Incorporation of heteropolyacids into layered silicate HUS-2 grafted with aminopropyltriethoxysilane	N. Tsunoji 3-K. Takahashi M. Sadakane T. Sano			Bull. Chem. Soc. Jpn87(2014) pp. 1379-1385	j ¶
F74	Functionalization of layered titanates	Y. Ide M. Sadakane T. Sano M. Ogawa			J. Nanosci. Nanotechnol.,14 (2014) pp. 2135-2147	ï †

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F75	FAU	› Z C j % q ` o m X " ô ³ æ	Z E E "		, l â Ä , 31 (2014)	i †
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	Q	ó	\$ ú 1 ï			
F76	Tetrahedral connection of Keggin-	Z. Zhang			Inorg. Chem. 53 (2014)	j ¶
	type polyoxometalates to form an all-inorganic	M. Sadakane			pp. 903-911	
	octahedral molecular sieve with an intrinsic	T. Murayama				
	3D pore system	S. Izumi				
		N. Yasuda				
		N. Sakaguchi				
		W. Ueda				
F77	Preparation, Structural Charac-	Z. Zhang			Inorg. Chem. 53 (2014)	j ¶
	terization, and Ion-Exchange Properties	M. Sadakane			pp. 7309-7318	
	of Two New Zeolite-like 3D Frame-	T. Murayama				
	works Constructed by ε-Keggin-Type	N. Sakaguchi				
	Polyoxometalates with Binding Metal	W. Ueda				
	Ions, H11.4[ZnMo12O40Zn2]1.5-					
	H7.5[Mn0.2Mo12O40Mn2]2.1-					
F78	Investigation of the formation pro-	Z. Zhang			Dalton Trans. 43 (2014)	j ¶
	cess of zeolite-like 3D frameworks con-	M. Sadakane			pp. 13584-13590	
	structed with ε-Keggin-type polyoxovanado-	T. Murayama				
	molybdates with binding bismuth ions and	W. Ueda				
	preparation of a nano-crystal					

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G2	þ ç » ç π w . ³ ç Ü w • S ' 9 Z • ^ t S Z " + Ý 6 S ' d V Ú E w è ¹		• { • π R ª H ° à , ™ O ù Z ,		· Ý i Ä ~ i « æ » Ä æ B , 67 j ¶ (2014) pp. 210-215	
G3	È P " w i § U ~ i « æ » Ä w z Ž ¼ = t t ... b è ¹		O ù Z , þ ú Æ G O î		· Ý i Ä ~ i « æ » Ä æ B , 67 j ¶ (2014) pp. 480-486	
G4	Ca/Si z w Ý s " C-S-H w x Ž = Q Ý		t > ö Ö • { O ù Z ,		· Ý i Ä ~ i « æ » Ä æ B , 67 j ¶ (2014) pp. 487-494	
G5	Shear strengths of PC beams made with ultra high strength concrete using porous ceramic aggregate derived from roof tile waste		Kazuhiro Sakuma Yuko Ogawa Ryoichi Sato Seiji Ohta Hiroshi Asai		Proceedings of Concrete Innovation j ¶ Conference 2014, (2014)	
G6	Applicability of waste aggregates de- rived from municipal and ceramic roof tile wastes to ultra-high strength concrete		Yuko Ogawa Masahiro Suzuki Ryoichi Sato Seiji Ohta Shoichi Kameta		Proceedings of Concrete Innovation j ¶ Conference 2014, (2014)	
G7	PC µ á Ò ; w i P { c ^ t , n X « æ " Ó : % M O w Š		- ' í O > π ° \$ { ' ° í i Á V		- i « æ » Ä » ¶ á í æ B , 36, j ¶ 2 (2014) pp. 337-342	
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G9	à > F \ ` h Ñ á ž i ³ á ~ i « æ " Ä t 0 b " à È P w ° æ F \ @ L		5 - ' í O ù Z , \$ { ' °		- i « æ » Ä » ¶ á í æ B , 36, j ¶ 2 (2014) pp. 670-675	
G10	à P > Æ ; ` h RC x " w d œ ... § S		Mwangi M. Macharia - ' í • ± ~ \$ { ' °		- i « æ » Ä » ¶ á í æ B , 36, j ¶ 2 (2014) pp. 481-486	
G11	Heavy Metal Desportion from Cement Hydrates Caused by Chloride Solutions		Akihiko Hayashi Yuko Ogawa Kenji Kawai		Proceedings of the 4th International j ¶ Conference on the Durability of Concrete Structures, (2014) pp. 219-225	

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G12	E	fect of alkali activator on pozzolanic reaction of y ash cement paste	Trinh Phuong Bui Yuhei Ito Yuko Ogawa Kenji Kawai		Proceedings of the 6th ACF International Conference, (2014) pp. 530-534	j ¶
G13	E	fect of porous ceramic waste aggregate on properties of steam cured crete	Yusuke Muragishi Yuko Ogawa Kenji Kawai Ryoichi Sato		Proceedings of the 6th ACF International Conference, (2014) pp. 1287-1291	j ¶
G14	Desorption Properties of Heavy Metals from Cement Hydrates in Various Chloride Solutions		Kenji Kawai Akihiko Hayashi Hiromitsu Kikuchi Shinya Yokoyama		Construction and Building Materials, 67, A (2014) pp. 55-60	j ¶
G15	Evaluation of Visual Methods for CO ₂ Uptake by Demolished Concrete: Research Activities by JSCE Subcommittee 219		Atsushi Ueno Kenji Kawai Koichi Kobayashi Satoshi Tanaka		Construction and Building Materials, 67, C (2014) pp. 393-398	j ¶
G16	T æ ¶ q 2013 à M @ - i « æ » Ä		# > Ä O ù Z ,		- i « æ » Ä » ¶ , 52, 2 (2014) pp. 157-164	i †
G17	T æ ¶ q - i « æ » Ä a j Ô M { 2013 à ~ w Û ï Ä ! j È g \$ §		# > Ä O ù Z ,		. Ý ï Ä ~ - i « æ » Ä , 804 (2014) pp. 41-46	i †
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G19	An experimental study on the design method of a real-sized Mobile Bridge for moving vehicle		Yuki Chikahiro alchiro Ario Masatoshi Nakazawa Syuichi Ono Jan Holnicki-Szulc Piotr Pawlowski Cezary Graczykowski		Proc. of 4th International Conference on Mobile, Adaptable and Rapidly Assembled Structures (2014)	j ¶
G20	Structural Analysis and Experimental Study for realized MB Travelable Vehicles		Yuki Chikahiro Ichiro Ario Masatoshi Nakazawa Syuichi Ono Jan Holnicki-Szulc Piotr Pawlowski Cezary Graczykowski		Proc. of 8th European Nonlinear Dynamics Conference (2014)	j ¶
G21	PHENOMENOLOGICAL APPROACH OF STALL GALLOPING FLUTTER USING DISCRETE DYNAMICS		Ichiro Ario Takanori Saga Katsutoshi Watanabe		Proc. of 8th European Nonlinear Dynamics Conference (2014)	j ¶
G22	Multiple Du ng problem in a folding structure with hilltop bifurcation and possible imperfections		I. Ario		Meccanica, NONLINEAR DYNAMICS AND CONTROL OF COMPOSITES FOR SMART ENGI DESIGN, 49, 8 (2014) pp. 1967-1983	j ¶
G23	Ó x - † w è æ › Ý ` h ý ` M Ó x @ w î g \$ Z €		Ù ¿ \$ 1 œ ° à - ú 2 ° ¤ T Y b		P f ; • a » , 66, 9 (2014) pp. 96-100	i †

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G24	E	ect of volume change of concrete	K. Nakarai	Fourth international b congress j ¶	2014, (2014)	
	on shear capacity of RC beam and its evaluation	U. Matsushita	S. Morito			
G25	A	new repair method of honeycomb-	N. Sasaki	Fourth international b congress j ¶	2014, (2014)	
	ing by resin infusion without removing attached aggregates	at-K. Kobayashi	K. Nakarai			
G26	Sustainable construction work based	on prediction and verification considering interaction in total system	K. Nakarai	International workshop on concrete j ¶	sustainability, Takamatsu, (2014)	
G27	Performance of Reinforced Concrete Beams Containing a Molten Slag as Fine Aggregate	Kenichiro Nakarai	Kazumasa Kawamura	Hybrid 2014 "Exploring the Potential of Hybrid Structures for Sustainable Construction", (2014)		
		Yuko Ogawa	Ryoichi Sato			
G28	Calcium leaching of cement paste in contact with bentonite mixed with carbonate for engineered barrier system	Kenichiro Nakarai	M. Shibata	Fourth International Symposium on j ¶	Life-Cycle Civil Engineering (IAL-CCE2014), (2014)	
		H. Sakamoto				
G29	% · « Ö t ' » ~ X 4 . » O w Š	q ¢ P % § S w ° A	\$ ' æ ~ ' - >	R ¢ H ° à	T æ ¶ q æ B E 2 P % ~ - i « æ " Ä I £ , 70, 2 (2014) pp. 252-271	j ¶
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G31	- i « æ " Ä w ± µ Ä Æ İ æ Ä Ÿ t b " M è " « ³ ä ç Ó		R ¢ H ° à { Š . TM	- i « æ " Ä » ¶ , 52, 8 (2014) pp. 691-692		U [C
G32	- Ú • > ¼ g ç Ä è i Ä O £ w i ç 2 %		R ¢ H ° à R. J. Torrent	- i « æ " Ä » ¶ , 52, 7 (2014) pp. 595-600		U [C
G33	- i « æ " Ä w - Ú ¼ í ° A t S Z " + w Æ ;		R ¢ H ° à	. Ÿ i Ä ~ - i « æ " Ä , 812 U [C (2014) pp. 74-78		
G34	- i « æ " Ä İ ú w - Ú ¼ í > 0 Ä q ` h † u ¼ g		b İ R ¢ H ° à Í > 8	Ó è µ Ä è µ Ä - i « æ " Ä , 56, İ † 6 (2014) pp. 20-24		
G35	L ù Q ú í w ç a Š q - i « æ " Ä P % w † ¶ b ; t m M o		f ô [/ Š ° R ¢ H ° à • > ° É v l ú °	- i « æ " Ä » ¶ , 52, 11 (2014) pp. 984-991		U [C
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G37	G O S ' . Ò z w Ÿ s " r Á x " w d œ ... § S ° A	RC	k > ä v Š è õ R ¢ H ° à \$ { ' °	- i « æ " Ä » ¶ á í æ B , 36, j ¶ 2 (2014) pp. 445-450		
G38	RC x " w d œ ... § S t t ... b) V S ' u ¢ É ç a " w è ¹		' a J y k > ä R ¢ H ° à \$ { ' °	- i « æ " Ä » ¶ á í æ B , 36, j ¶ 2 (2014) pp. 451-456		

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G40	Remaining strength test of riveted joint of a bridge used for about 100 years	Ryoichi Satake Katashi Fujii Nobuaki Kosako Tatsumasa Kaita	International Association for Bridge Maintenance and Safety (IABMS), 7 (2014) pp. 2441-2448	j ¶
G41	Evaluation for residual axial force of corroded high tensile bolts	Ryoichi Satake Katashi Fujii Yumi Mori	The 2nd Australasia and South-East Asia Structural Engineering and Construction Conference (ASEA-SEC2), 2 (2014) pp. 77-82	j ¶
G42	Individual Landslide Hazard Assessment of Natural Valleys and Slopes Based on Geotechnical Investigation and Analysis	Tsuchida, T. Athapaththu, A.M.R.G. Kawabata, S Kano, S. Hanaoka, T. Yuri, A	Soils and Foundations (accepted), 54, 4 (2014) pp. 806-819	j ¶
G43	Landslide and mud flow disaster in disposal site of surplus soil at Higashi-Hiroshima due to heavy rainfall in 2009	Takashi Tsuchida Seiji Kano Shota Nakagawa Masahiro Kaibori Shinji Nakai Naoyoshi Kitayama	Soils and Foundations (accepted), 54, 4 (2014) pp. 621-638	j ¶
G44	—”w·ÝİÄ›4C`6yµ`h 6İR,RêTwdœ...›Q	T > 1 j = Š õ É ô	•k » ¶ ‘ ß ” Æ ç , 9, 2 (2014) pp. 71-84	j ¶
G45	Practical method based on Slip Circle of Slices for Calculation of Bearing Capacity	Tsuchida, T. Athapaththu, A.M.R.G.	2014, Soils and Foundations, Vol.54, No.6, (2014) pp. 1127-1144	j ¶
G46	New Geotechnical Method for Natural Slope Exploration and Analysis	Athapaththu, A.M.R.G. Tsuchida, T. Kano, S	Natural Hazards, 75 (2014) pp. 1327-1348	j ¶
G47	.³çÜ› % :ú›0Åq`h ,ØrüÔt;M” +•kP%wZ€	Í \$ D T > 1 "•D	T æ ¶ q æ B B3(, 8 % C) Vol.70, 70 (2014)	j ¶
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G49	Restoration Method of Artificial Tidal Flat by Use of Pressure Injection of Slurry Dredged Clay	Kumagai, T. Tsuchida, T. Ko, C Sugihara H.	Geotechnical Engineering Journal, 45, 4 (2014)	j ¶

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G50	Strength mobilization characteristic of Gyeong-O Kang dredged clay mixed with cement during initial curing time		Takashi Tsuchida Hiroyuki Wakioka		The 24th International Oshore and Polar Engineering Conference, ISOPE2014, (2014)	j ¶
G51	ù s 8 t S Z " · Ý ï Ä { = r g T w § S C q › Q t b " î g \$ Z €		ì , ° æ Gyeong O KANG T > 1		• k q P f , 32, (2014)	j ¶
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G54	Estimation of Compressive Strength of Cement-Treated Marine Clays with Different Initial Water Content, Soils and Foundations		Tsuchida, T. Tang, Y. X.		Soils and Foundations (accepted in Nov.18th,2014), (2014)	j ¶
G55	Estimation of Strength Mobilization on Cement-Treated Dredged Clay in Early Stages of Curing		Gyeong O KANG Takashi Tsuchida A.M.R.G. Athapaththu		Soils and Foundations (accepted in Nov.18th,2014), (2014)	j ¶
G56	A study on the strength development of cement treated clays during initial stages of curing,		Wakioka, H. Tsuchida, T. Gyeong Kang: A		13th International Conference on Civil and Environmental Engineering (ICCEE 2014), (2014)	j ¶
G57	Characterization of Inherent Random Heterogeneity of Weathered Granite		Athapaththu A.M.R.G Tsuchida, T.		International Journal of GEO-MATE, 10, 1 (2014) pp. 1025-1032	j ¶
G58	æ ž ç » Ü í " Ä " » › ; M h) e " v ~ ü ø w) e S ° A O w % C		ü ê H à T > 1 A.M.R.G. Athapaththu - j \$ 8		H 50 s • k » ¶ ³ ï Ü ' ¢ Ü æ B , (2014) pp. 127-134	j ¶
G59	{ Š w è Õ ç q F \ Ú E › ! = ^ d h q V w a i µ â ñ w • + › Q		O • â æ T > 1 j Á		H 50 s • k » ¶ ³ ï Ü ' ¢ Ü æ B , (2014) pp. 491-496	j ¶
G60	. ³ ¢ Ü p › ^ • h T Ô t : ú › 0 Á q ` h , Ø r ü Ô t ; M " + • k P % w Z €		Í \$ D T > 1 " • D ô ® o H		H 50 s • k » ¶ ³ ï Ü ' ¢ Ü æ B , (2014) pp. 527-534	j ¶
G61	. Ý ï Ä { = r g T w § S C q › Q t b " Z €		ì , ° æ T > 1 Ù Á —		H 50 s • k » ¶ ³ ï Ü ' ¢ Ü æ B , (2014) pp. 643-650	j ¶
G62	Æ % Ü < b " ê Q T • k í w - í • k w N < w ! = t b " î g \$ Z €		z Z p ° a Á Ê ô Ê Ê æ ! ú ¨ a ù ^ >) %		T æ ¶ q æ B A 1 ¢ Í ~ • » ¶ £ , 70, 4 (2014) pp. L751-L760	j ¶

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G63	Ó ÷ Ì ú w H ¶ S ... w h Š w - Ø p s * w & ; Q w U		z Z p ° a Á Ê O ú w j G > ± ' q É		• k » ¶ ' ß " Æ ç , 9, 4 (2014) pp. 495-510	j ¶
G64	Variation of earthquake ground motions within a very small distance		Yoshiya Hata Atsushi Nozu Koji Ichii		Soil Dynamics and Earthquake Engineering, 66 (2014) pp. 429-442	j ¶
G65	Evaluation of strong ground motion at the Pacific coast of Tohoku Earthquake		Yoshiya Hata Imagawa, Urayasu City, during the 2011 Atsushi Nozu Yoshihisa Maruyama Hisakazu Sakai		Soils and Foundations, 54, 4 (2014) pp. 573-587	j ¶
G66	Surface Wave-Based Health Monitoring Method for a Sheet Pile Quay Wall		Koji Ichii Keisuke Kitade Mayumi Kawano Ikuo Taguchi		International Journal of Structural Stability and Dynamics, 14, 5 (2014)	j ¶
G67	ž " ½ @ L > ! Z " ' q • k ° w T y w ú — Ô p w -		ô Ê È æ ° a Á Ê z Z p W.Y. Hung ^ >) %		• k » ¶ q ¶ § æ æ C B z • k q P f , 32, 1 (2014) pp. 79-86	j ¶
G68	÷ Ý = ¼ g ° ¼ . w • 1 Ì w ‡ u ° A O w , Á \$ U		• > T " œ ô Ê È æ ° a Á Ê		• k » ¶ q ¶ § æ æ C B • k q P f , 32, 1 (2014) pp. 97-104	j ¶
G69	RGB ‹ w Ê ^ ù ~ d C \ Ã St " " V K U Z w ¼ ^		t a » 6 ° a Á Ê b ì H °		• k » ¶ q ¶ § æ æ C B • k q P f , 32, 1 (2014) pp. 123-130	j ¶
G70	ô ø æ † T ' w q è h p > ; M h . ÷ Ì Ø w Ý ú r t b " , Á \$ Z €		• f a ° ° a Á Ê - > « O t a » 6 j G Ä æ *		• k » ¶ q ¶ § æ æ C B • k q P f , 32, 1 (2014) pp. 149-156	j ¶
G71	T w ¾ Á § S t t ... b + z w è 1 Í \$ „		° a Á Ê O ú w		• k » ¶ q ¶ § æ æ C B • k q P f , 32, 1 (2014) pp. 157-162	j ¶
G72	Measurement of the Earth Pressure in Centrifuge Tests, Focusing on the Variation due to the Settlement		Mari Takamachi Koji Ichii Keisuke Kitade H.T. Chen C.J. Lee W.Y. Hung Naoki Orai et. al.		Proceedings of the fourth international conference on geotechnical engineering for disaster mitigation and rehabilitation (4th GEDMAR), (2014) pp. 359-366	j ¶
G73	Nondestructive examination for equality of the specimens for liquefaction test		Karin Yamada Mari Takamachi Koji Ichii		Proceedings of the fourth international conference on geotechnical engineering for disaster mitigation and rehabilitation (4th GEDMAR), (2014) pp. 465-470	j ¶

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G74	Automatic damage detection system for road surface by using image analysis		Shiho Ishii Ooki Kurihara Tatsuhiko Ito Koji Ichii Toru Tamaki			Proceedings of the fourth international conference on geotechnical engineering for disaster mitigation and rehabilitation (4th GEDMAR), (2014) pp. 485-492
G75	A system for atness evaluation of road surfaces using photographs taken from car moving at a high speed		Tatsuhiko Ito Kimio Yamada Koji Ichii Toru Tamaki Mitsunori Kadota			Proceedings of the fourth international conference on geotechnical engineering for disaster mitigation and rehabilitation (4th GEDMAR), (2014) pp. 493-499
G76	Ground health monitoring of a slope of constructed ll using the surface		Mayumi Kawano Keisuke Kitade Yusuke Murakami Mari Takamachi Tatsuhiko Ito Koji Ichii			Proceedings of the fourth international conference on geotechnical engineering for disaster mitigation and rehabilitation (4th GEDMAR), (2014) pp. 501-506
G77	S ... - † ¶ s ; ' ` › Š _ ` o -		° a Á È			? Ø C è ô ¶ q U [Z € C ¶ IICE Technical Report, 113, 431 (2014) pp. 149-152
G78	A trial on the inspection method for anchored wall by a radio controlled helicopter		Shu Uchiyama Tatsuhiko Ito Shiho Ishii Koji Ichii			Proceedings of 13th Jap/Korea Joint Seminar on Geotechnical Engineering, (2014) pp. 63-70
G79	Estimation of Debris Flow Impacts in 2014 Hiroshima Disaster		Soichiro Yamashita Koji Ichii Yusuke Murakami Ryota Tsubaki Takeo Moriwaki			Proceedings of 13th Jap/Korea Joint Seminar on Geotechnical Engineering, (2014) pp. 113-120
G80	Debris Flows in Hiroshima, 2014: The impact on geotechnical research community		Koji Ichii			Proceedings of 13th Jap/Korea Joint Seminar on Geotechnical Engineering, (2014) pp. 1-14
G81	Preparing 'Guidelines and Recommendations' for disaster mitigation - what is the lesson from recent ood and tsunami		Koji Ichii			Proceedings of the fourth international conference on geotechnical engineering for disaster mitigation and rehabilitation (4th GEDMAR), (2014) pp. 185-190
G82	Practical assessment on seismic damage to an airport runway based on 2-D and 3-D non-linear FEM analyses with special reference to crack occurrence		Yoshiya Hata Koji Ichii Atsushi Nozu			Proceedings of the fourth international conference on geotechnical engineering for disaster mitigation and rehabilitation (4th GEDMAR), (2014) pp. 279-286

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G83	Earthquake and tsunami damage estimation for port-BCP		Yasuhiro Akakura Kenji Ono Koji Ichii		Proceedings of the fourth international conference on geotechnical engineering for disaster mitigation and rehabilitation (4th GEDMAR), (2014) pp. 233-238	
G84	The effect of liquefaction on the damages of factories in the Great East Japan Earthquake Disaster and on the damage estimate of the Nankai trough earthquake		Keisuke Kitade Koji Ichii Hiroyuki Kinoshita Shinichi Kuga Daisuke Yoneura Karin Yamada		Proceedings of the fourth international conference on geotechnical engineering for disaster mitigation and rehabilitation (4th GEDMAR), (2014) pp. 423-430	
G85	A study on seismic resistance evaluation methods with the consideration of the effect of rainfall		Naoki Orai Koji Ichii		Proceedings of the fourth international conference on geotechnical engineering for disaster mitigation and rehabilitation (4th GEDMAR), (2014) pp. 439-446	
G86	A study of flatness evaluation of road surfaces using photographs taken from a car moving at a high speed		Tatsuhiko Ito Koji Ichii Mitsunori Kadota Toru Tamaki		Proceedings of International Conference on Civil and Environmental Engineering, ICCEE-2014, (2014)	
G87	Influence of water content on the tensile strength of soil		Yusuke Murakami Koji Ichii		Proceedings of International Conference on Civil and Environmental Engineering, ICCEE-2014, (2014)	
G88	A trial of identification of granite from other rocks by image analysis		Shiho Ishii Koji Ichii Kenichi Yoshidomi		Proceedings of International Conference on Civil and Environmental Engineering, ICCEE-2014, (2014)	
G89	Nondestructive examination for the equality of the specimens for liquefaction test		Karin Yamada Mari Takamachi Koji Ichii		Proceedings of International Conference on Civil and Environmental Engineering, ICCEE-2014, (2014)	
G90	Prospective combined system of UASB and DHS reactor for the treatment of domestic wastewater in Jakarta		ofzarul Machdar Noriyuki Matsuura Hiroya Kodera Akiyoshi Ohashi		Journal of Water and Environment Technology, 12, 6 (2014) pp. 459-468	
G91	„ > H • b Š ° Ú > ° • F œ Z ž G ® ¥ ‘				T æ ¶ q æ B G (¥), 70, 7 j ¶ (2014) pp. 251-256	
G92	Hydrogen sulfide generation suppression by nitrate addition – application to solid waste land II site		Shumpei Kitazaki Kai Xiao Kei Nakagawa Tomonori Kindaichi Hiroshi Asakura		American Journal of Environmental Protection, 3, 5 (2014) pp. 267-274	

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G93	A long-term cultivation of an anaerobic methane-oxidizing microbial community from deep-sea methane-seep sediment using continuous- ow bioreactor		Masataka Aoki Masayuki Ehara Yami Saito Hideyoshi Yoshioka Masayuki Miyazaki Yayoi Saito Ai Miyashita Shuji Kawakami Takashi Yamaguchi Akiyoshi Ohashi Takuro Nunoura Ken Takai Hiroyuki Imachi		Plos One 9, 8 (2014) pp. 1-14	j ¶
G94	Potential of nitrous oxide conversion in batch and down- ow hanging sponge bioreactor systems		Hui-Ping Chuang Jer-Horng Wu Akiyoshi Ohashi Kenichi Abe Masashi Hatamoto		Sustainable Environment Research 24, 2 (2014) pp. 117-128	j ¶
G95	Development of a sixth-generation down- ow hanging sponge (DHS) reactor using rigid sponge media for post-treatment UASB treating municipal sewage		Takashi Onodera Madan Tandukar Doni Sugiyana Shigeki Uemura Akiyoshi Ohashi Hideki Harada		Bioresource Technology, 152 (2014) pp. 93-100	j ¶
G96	Microbial community composition of a down- ow hanging sponge (DHS) reactor combined with an up- ow anaerobic sludge blanket (UASB) reactor for the treatment of municipal sewage		Kengo Kubota Miho Hayashi Kengo Matsunaga Akinori Iguchi Akiyoshi Ohashi Li Yu-You Takashi Yamaguchi Hideki Harada		Bioresource Technology, 151 (2014) pp. 144-150	j ¶
G97	Characterization of membrane fouling in anammox membrane bioreactors (anammox-MBR)		Tomonori Kindaichi Kosuke Matsunaga Takanori Awata Noriatsu Ozaki Akiyoshi Ohashi		Proceedings of IWA World Water Congress & Exhibition 2014, (2014) pp. 87	j ¶
G98	A new isolation method targeting anammox bacteria		Shotaro Hirayama Tomonori Kindaichi Noriatsu Ozaki Akiyoshi Ohashi Yoshiteru Aoi		Proceedings of International Conference on Civil and Environmental Engineering ICCEE 2014, (2014) pp. 65-67	j ¶
G99	New metabolisms of anammox bacteria		Kazuma Nishimoto Takanori Awata Tomonori Kindaichi Noriatsu Ozaki Akiyoshi Ohashi		Proceedings of International Conference on Civil and Environmental Engineering ICCEE 2014, (2014) pp. 68-70	j ¶
G100	Biological manganese oxidation using a down- ow hanging sponge reactor supplied with methane		Takafumi Hiroe Linh Thi Thuy Cao Hiroya Kodera Tomonori Kindaichi Noriatsu Ozaki Akiyoshi Ohashi		Proceedings of International Conference on Civil and Environmental Engineering ICCEE 2014, (2014) pp. 71-73	j ¶

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G101	PAHs contents in road dusts on principal roads collected nationwide in Japan and their influential factors		Noriatsu Ozaki Yuma Akagi Tomonori Kindaichi Akiyoshi Ohashi		Proceedings of the DIPCON Asian Regional Conference in 2014 (DIPCONARC-2014), (2014) pp. 1-5	
G102	Cocultivation of Manganese (II) oxidizing bacteria with methane oxidizing bacteria for rare metal recovery		Takafumi Hiroe Linh Thi Thuy Cao Hiroya Kodera Tomonori Kindaichi Noriatsu Ozaki Akiyoshi Ohashi		Proceedings of the 15th International Symposium on Microbial Ecology (isme15), (2014)	
G103	Methanotrophic community in a closed DHS reactor treating a UASB for oxidation of dissolved methane		Norihisa Matsuura Masashi Hatamoto Takashi Yamaguchi Akiyoshi Ohashi		Proceedings of the 15th International Symposium on Microbial Ecology (isme15), (2014)	
G104	Ecophysiology of novel core phylo- types in activated sludge wastewater treatment plants with nutrient removal		Simon Mcllroy Takanori Awata Marta Nierychlo Aaron Saunders Mads Albertsen Anna Szyszka Piotr Starnawski Tomonori Kindaichi Jeppe Nielsen Per Nielsen		Proceedings of the 15th International Symposium on Microbial Ecology (isme15), (2014)	
G105	Effects of salinity and volatile fatty acids on the growth of an anammox bacterium Candidatus Scalindua sp		Takanori Awata Tomonori Kindaichi Noriatsu Ozaki Akiyoshi Ohashi		Proceedings of the 15th International Symposium on Microbial Ecology (isme15), (2014)	
G106	8 R Anammox I Õ t b " Z € ^ 2		Ú > ° • F		+ ¥ ¶ q ½ , 37, 9 (2014) pp. 321-324	ï †
G107	+ T ' w è ž Ý » ç s U [w % C ^ 2		G ® ¥ '		+ ¥ ¶ q ½ , 37, 2 (2014) pp. 56-60	ï †
G108	H22 å 7 D ý Í t ' " ° ± ' ¶ v ñ w • æ p w Ñ + Y ^ v w ü s		ô < Ç • ¹ Ê ¶ j ™ • H à O j ó q ì ú \$ í		T æ ¶ q æ B B1(+ » ¶), 70, 4 (2014) pp. L1441-L1446	j ¶
G109	Cause of the January 2013 canal embankment failure and urban flood in Jakarta Indonesia		Bricker, J.D. Tsubaki, R. Muhari, A. Kure, S.		Annual Journal of Hydraulic Engineering, JSCE (æ ¶ q æ B B1(+ » ¶)), 70, 4 (2014) pp. 1-91	j ¶
G110	Ç £ ö " w Ĩ R q ç ¥ { w @ L › • ‡ Q h ö " # m P Æ ç w % C		t Œ • G ô < O j ó q		T æ ¶ q O ' U [æ B , 20 (2014) pp. 109-115	j ¶
G111	ç ¥ ; › b ; ` h ý O ' w – F Û Ñ + ì w ß v - O w % C		ô < ö < H à O j ó q		T æ ¶ q O ' U [æ B , 20 (2014) pp. 49-54	j ¶

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G112	a › a W"	2 í iv • w Å — ›	# b) ú > \$ O j ó q		T æ ¶ q æ B B1 ç + » ¶ £ , 70, 4 (2014) pp. L829-L834	j ¶
G113	Impact of vegetation con guration on flow structure and resistance in a rectangular open channel	Satoshi Yokojima Yoshihisa Kawahara Takuya Yamamoto			Journal of Hydro- environment Research, doi: 10.1016/j.jher.2014.07.008(2014)	j ¶
G114	Measurement of bed-load in gravel bed river utilizing digital sound recorder	Kentaro Tsuboshita Ryota Tsubaki Yoshihisa Kawahara			International Conference on Civil j ¶ and Environmental Engineering, ICCEE-2014, (2014)	j ¶
G115	Experimental study on bar formation with bed material of low density	Shunsuke Tanaka Yoshihisa Kawahara Ryota Tsubaki			International Conference on Civil j ¶ and Environmental Engineering, ICCEE-2014, (2014)	j ¶
G116	Primary velocity distribution in open channels with di erent vegetation layout, experiment and numerical simulation	Yoshihisa Kawahara			Proc. of 4th Japan-Korea Mini j ¶ Symposium on Modeling and Mea- surement of Hydraulic Flow, (2014)	j ¶
G117	Spatio-temporal distribution of bed-load transport in gravel rive during ushing discharge and its impact on aquatic vegetation	Ryota Tsubaki Yoshihisa Kawahara Kentaro Tsuboshita			Proc. of 10th International Confer- j ¶ ence on Ecohydraulics (ISE 2014), (2014)	j ¶
G118	Removal of aquatic plant in gravel river during ushing discharge	Ryota Tsubaki Yoshihisa Kawahara Kentaro Tsuboshita			Proc. of 10th International Confer- j ¶ ence on Ecohydraulics (ISE 2014), (2014)	j ¶
G119	Research on passive contaminant transport in a vegetated channel	Fatima Jahra Yoshihisa Kawahara			Proc. of International Conference j ¶ on Marine and Freshwater Environ- ments (iMFE 2014), (2014) pp. 1-10	j ¶
G120	E ects of trees along oodplain edges on the ow structure in compound meandering channel	Yoshihisa Kawahara Ryota Tsubaki Francisco S. Nhavotso			Proc. of International Conference j ¶ on Fluvial Hydraulics (River Flow 2014), (2014)	j ¶
G121	LES of Turbulent ows in open chan- nel with patched vegetation zones	Satoshi Yokojima Yoshihisa Kawahara Matsubara Katsuma			Proc. of International Conference j ¶ on Fluvial Hydraulics (River Flow 2014), (2014)	j ¶
G122	a › a W" 2 í iv • t 0 b" Å — Þ Ñ ç w & ; Q	# b) O j ó q			T æ ¶ q æ B A2 ç ; — ¶ £ , j ¶ 70, 2 (2014) pp. L691-L700	j ¶
G123	WRF-LETKF t ' " 2013 å 8 D w a] b æ ý í w : ‹ r s	z O j ó q ô ‹ ‡ • N -			T æ ¶ q æ B A2 ç ; — ¶ £ , j ¶ 70, 2 (2014) pp. L277-L287	j ¶
G124	Tide-driven controls on maximum near-bed oc size in a tidal estuary	Mahdi Razaz Kiyosi Kawanisi Ioan Nistor			Journal of Hydro- j ¶ environment Research, doi:10.1016/j.jher.2014.04.001 (2014)	j ¶
G125	O ' ; 1 Æ Þ - å Ñ Ÿ " t ' " ® ^ Ð w » ¼ ç Ø ž	' b E Xiao-Hua Zhu q ™ G H t ' è ™ ' > \$ v Š ¾			T æ ¶ q æ B B1 ç + » ¶ £ , 70 j ¶ (2014) pp. 601-606	j ¶

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G126	Acoustic investigations of unsteady salinity intrusion in a diversion channel	Kiyosi Kawanis Mahdi Razaz	Proc. UA 2014,1 (2014) pp. 101-108	j ¶		
G127	Ç » æ ĩ ñ	' b E	ý ; M š Ô Š ý ; M š » ¶ q , 1 (2014) pp. 34-37	ĩ †		
G128	Acoustic measurements of stream and water temperature in a mountain river	Kiyosi Kawanisi Kazuhiko Ishikawa Mahdi Razaz	Proc. ISEH 2014,1 (2014) pp. 29-32	j ¶		
G129	Characteristics of electricity generation and biodegradation in tidal river sludge used microbial fuel cells	Narong Touch Tadashi Hibino Yoshiyuki Nagatsu Kihei Tachiuchi	Bioresource Technology, 158 (2014) pp. 225-230	j ¶		
G130	Ê m ^ À Ô Ĩ ™ U [w % C	¶ Š H Ê • ¶ ó 1 % ú è] Ô z ú § ™	T æ ¶ q æ B B3ø , 8 % C £ › B ø , 70, 2 (2014)	j ¶		
G131	O Ô Á é w ; ú › Q ° A	Ô z ú § ™ ¶ Š H Ê • ¶ ó 1 % ú è]	T æ ¶ q æ B B3ø , 8 % C £ › B ø , 70, 2 (2014)	j ¶		
G132	, k w ð ĩ w - »	ý ' [- ý - ' ¶ < û õ Ô z ú § ™ ¶ Š H Ê % ú è]	T æ ¶ q æ B B3ø , 8 % C £ › B ø , 70, 2 (2014)	j ¶		
G133	Measurement of mud velocity using a laser diraction particle size distribution analyzer	Touch Narong Yoshiyuki Nagatsu Shinya Nakashita Takeshi Koeda	Coastal Engineering Journal 16, 3 (2014) pp. 14500121-145001216	j ¶		
G134	Q / u w Q Y ú r	f m Ô á [¾ Touch Narong Ô z ú § ™	T æ ¶ q æ B B2ø , » ¶ £ , 70, 2 (2014) pp. L1071-L1075	j ¶		
G135	; ú w ü " O	Ô z ú § ™ [° Ú Touch Narong ¶ < û õ	T æ ¶ q æ B B2ø , » ¶ £ , 70, 2 (2014) pp. L1101-L1105	j ¶		
G136	" ? ; a c " w ú r	f m Ô á [¾ Touch Narong Ô z ú § ™	T æ ¶ q æ B B2ø , » ¶ £ , 70, 2 (2014) pp. L1061-L1065	j ¶		
G137	^ › Q w r Ì	¶ < û õ C ò ° R Touch Narong Ô z ú § ™	T æ ¶ q æ B B2ø , » ¶ £ , 70, 2 (2014) pp. L1086-L1090	j ¶		
G138	w Q ó ² Í A ¼ w r Ì	Ô á [¾ [° Ú Touch Narong Ô z ú § ™	T æ ¶ q æ B B2ø , » ¶ £ , 70, 2 (2014) pp. L1066-L1070	j ¶		

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G139	Ž É « ... S » ; M h / u ; w Q Ý ü s O w Š		α , 1 æ Touch Narong ó > %o — Ô z ú §™		T æ ¶ q æ B B2 ç , » ¶ £ , j ¶ 70, 2 (2014) pp. L1111-L1115	
G140	> ' ò È - t S Z " Æ y ~ f y • < + • q + í w Ö 8 ! ^		α < û õ Õ á [¾ è ^a α Ô z ú §™		T æ ¶ q æ B B2 ç , » ¶ £ , j ¶ 70, 2 (2014) pp. L1216-L1220	
G141	Field experiments on remediation of coastal sediments using granulated coal ash		Kyunghoi Kim Tadashi Hibino Tamiji Yamamoto Shinjiro Hayakawa Yugo Mito Kenji Nakamoto In Cheol Lee		Marine Pollution Bulletin, 83 j ¶ (2014) pp. 132-137	
G142	Measurement of sediment retention in a sandy tidal at based on pressure drop model		Narong Touch Tadashi Hibino Takayuki Nakaoka Yoshiyuki Nagatsu		Transport in Porous Media, 102, 1 j ¶ (2014) pp. 123-136	
G143	Biodegradation behaviour of micro- bial fuel cell-applied sludge after electricity generation		Narong Touch Tadashi Hibino Yoshiyuki Nagatsu Isse Kano		Proceedings of the 2nd European j ¶ International Society for Microbial Electrochemistry and Technology Meeting, (2014) pp. 142-142	
G144	Salinity and flow velocity effects of catholyte on sediment microbial fuel cell per- formance		Yoshiyuki Nagatsu Tadashi Hibino Nobutaka Kinjo Kenta Mizumoto		Proceedings of the 2nd European j ¶ International Society for Microbial Electrochemistry and Technology Meeting, (2014) pp. 144-144	
G145	? + „ t S Z " ; w Ü ñ S w * q „ Ø › Q t b " ß o		è ^a α Ô z ú §™ α < û õ • é • { q c i ¾ α • p		T æ ¶ q æ B B1 ç + » ¶ £ , 70, j ¶ 4 (2014) pp. 1585-1590	
G146	Sustainable materials management on the basis of the relationship between materials properties and human needs		Ichiro Digo Kenichi Nakajima Masaaki Fuse Eiji Yamasue Koichi Yagi		Mat'eriaux & Techniques, 102, 5 j ¶ (2014)	
G147	~ q w) U ^ € C w ò ~ t t ... b è ¹		ÿ Z , é ^a c É þ § È ú • ~		T æ ¶ q æ B D3 ç T æ - h ¶ £ , j ¶ 70, 1 (2014) pp. 28-43	
G148	Analysis of the Audience's Accep- tance to Discourse Focusing on the Sequen- ce of Independent Words		Tsukai, M. Shiino, S.		Group Decision and Negotiation – j ¶ GDN 2014, (2014)	
G149	Inter-regional Passenger Demand Sur- vey by Using Web site, -Data quality and Limitations-		Tsukai, M.		Air Transportation Studies 2014, j ¶ (2014)	

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H1	Experimental Study on Seakeeping Performance of a Catamaran with Asymmetric Demi-Hulls		Shuji Ikezoe Noritaka Hirata Hironori Yasukawa		Jurnal Teknologi, Special Edition on Marine Technology, Vol.66, No.2 (2014) pp. 107-111	
H2	Analysis of an Asymmetrical Bridle Towline Model to Stabilise Towing Performance of a Towed Ship		A. Fitriadhy H. Yasukawa T. Yoneda K. K. Koh A. Maimun		Jurnal Teknologi, Special Edition on Marine Technology, Vol.66, No.2 (2014) pp. 151-156	
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H5	Maneuvering Simulation of Two Ships during Meeting and Passing		K. Kitagawa M. Sano H. Yasukawa		Jurnal Teknologi, Special Issue on Marine Technology: Safety and Environment, Vol.69, No.7 (2014) pp. 85-90	
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H21	Chlorophyll and suspended sediment mapping to the Caribbean Sea from rivers in the capital city of the Dominican Republic using ALOS AVNIR-2 data		Yuji Sakuno Esteban R. Mío A. Satoshi Nakai Hidemi Mutsuda Tetsuji Okuda Wataru Nishijima Rolando Castro et. al.		Environmental Monitoring and Assessment 186 (2014) pp. 4181-4193	
H22	GOSAT CAI > b ; ` h n í w PM2.5 ü í *		† ' c ! è K c ^ ^ ú ~		Ô Š æ Þ " Ä . ï³ ï ¬ ¶ q ½ , j ¶ 34, 4 (2014) pp. 306-313	
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H24	Chlorophyll data fusion in Tachibana Bay using COMS GOCI and MODIS data by the LCI method		Yuji Sakuno		2013 IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2013), 594-597 (2014)	
H25	Relationship between spectral reflectance and chlorophyll-a concentration in the eutrophic Lake Togo-ike		Yuji Sakuno Keisuke Hatakeyama Yasushi Miyamoto Akiko Hatsuda Akinori Mori Takahiro Kuki		SPIE Remote Sensing 2014, (2014) ¶	
H26	A Study on the Aerodynamic Properties of a Canard-Configuration WISES		Yuma Ito			

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H32	Characteristics of Motions of a Float-Kyohei Kajino ing Body for O shore Wind Power Generation	Hidetsugu Iwashita Yasushi Higo			Proceedings of Workshop on Environmental Technologies in Naval Architecture and Ocean Engineering, (2014) pp. 59-62	
H33	A Preliminary Design and Performance Estimation of an Ocean Current Turbine	Kohei Tokunaga Hidetsugu Iwashita			Proceedings of Workshop on Environmental Technologies in Naval Architecture and Ocean Engineering, (2014) pp. 63-66	
H34	Lift Characteristics of Controlling Fins of Resonance-Free SWATH	Go Oishi Hidetsugu Iwashita Masamitsu Kanda Motoki Yoshida Hajime Kihara Takeshi Kinoshita			OMAE2014, (2014)	j ¶
H35	Superior Seaworthiness of Resonance-Free Oceangoing SWATH	Motoki Yoshida Hajime Kihara Hidetsugu Iwashita Masamitsu Kanda Takeshi Kinoshita			International Journal of Maritime Engineering, 156(2014) pp. 315-332	j ¶
H36	• Ø @ L M w x t ‡ x í — › Q t m M o	• { < ó š			Ö Š § + , 8 » ¶ q R 26 à 3 B è q æ B , 19 (2014) pp. 397-400	j ¶
H37	Unsteady characteristics of generated lift acting on Resonance-Free SWATH	Motoki Yoshida Masamitsu Kanda Hidetsugu Iwashita Hajime Kihara Takeshi Kinoshita			HIGH SPEED MARINE VEHICLES 2014, (2014)	j ¶
H38	Nontidal sea level changes in Hiroshima Bay, Japan	Hi-Chuanzheng Zhang Arata Kaneko Xiaohua Zhu Ju Lin			Acta Oceanologica Sinica, 33 (2014) pp. 47-55	j ¶
H39	; ¹ Ä Þ ñ â Ñ Ÿ " t ' " , 8 v ^ Ô w D ¹ =	Ú ý – Z , Š			s U • ø Ô Š v . — ¶ q ½ £ , 33 (2014) pp. 413-420	ï †
H40	Vertical profiling of temperature and velocity from the quite limited data set of coastal acoustic tomography	Arata Kaneko Chuanzheng Zhang Xiaohua Zhu Noriaki Gohda			Proc. 2nd International Conference and Exhibition on Underwater Acoustics, Rhodes Greece (2014) pp. 109-116	j ¶
H41	Tomographic mapping of coastal upwelling generated in Hiroshima Bay, Japan	Chuanzheng Zhang Arata Kaneko Xiaohua Zhu Noriaki Gohda			Proc. 2nd International Conference and Exhibition on Underwater Acoustics, Rhodes Greece (2014) pp. 117-122	j ¶
H42	Evaluation of ultimate strength of stiffened panels under longitudinal thrust	Satoyuki Tanaka Daisuke Yanagihara Aya Yasuoka Minoru Harada Shigenobu Okazawa Masahiko Fujikubo Tetsuya Yao			Marine Structures 36 (2014) pp. 21-50	j ¶

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H56	Stress evaluation method for a par-R. Nonami tially changed structure and optimizationM. Kitamura method for the number and position of sti A. Takezawa eners S. Hirakawa		Proceedings of 8th China-Japan-j ¶ Korea Joint Symposium on Opti- mization of Structural and Mechan- ical Systems8 (2014)	
H57	Damage detection method for plankT. Nishizu using topology optimization in non- destruc-A. Takezawa tive testing M. Kitamura		Proceedings of 8th China-Japan-j ¶ Korea Joint Symposium on Opti- mization of Structural and Mechan- ical Systems8 (2014)	
H58	A Study on Optimization the StructureR. Nonami of Ship in Consideration of Layout of the Sti M. Kitamura eners A. Takezawa S. Hirakawa		Proceedings of the Twenty-fourth j ¶ International Ocean and Polar En- gineering Conferenc24 (2014)	
H59	Damage Detection Method by Topol-T. Nishizu ogy Optimization Based on Eigenvalue AnalA. Takezawa ysis M. Kitamura		Proceedings of the Twenty-fourth j ¶ International Ocean and Polar En- gineering Conferenc24 (2014)	
H60	Flexible Impact Force Sensor	Chen Liu Yukio Fujimoto Yoshikazu Tanaka	Journal of Sensor Technology¶ j ¶ (2014) pp. 66-80	
H61	E ect of post-trochanteric groove sup-Seiji Hama port on stance control associated with theMasafumi Ohtsubo pelvic-lumbar system Tsuyoshi Nishiwaki Ayu Miura Mie Sanemasu Noboru Shimada Yukio Fujimoto, et al.		The International Society for Pros-j ¶ thetics and Orthotics, Sage journals, doi: 10.11770309364614536763, (2014) pp. 1-9	
H62	Thorn-shape Waveform Seen in theChen Liu Impulsive Force of Soft Material Yukio Fujimoto Yoshikazu Tanaka		International symposium on j ¶ Engineering and Natural Sciences(ISEANS-835¶), (2014) pp. 32-41	
H63	¿ 8 — - ; w Ñ è ©³ Ò ç „ Ø . ĩ ±	Liu Chen { Š D È > ¶ [è Í ? P O Ò	Ô Š ; • ¶ q æ B , 80, 816 j ¶ (2014) pp. 1-12	
H64	Forced vibration experiments on ex-Y. Tanaka ible piezoelectric devices operating in air and¶. Oko water environments H. Mutsuda A. A. Popov R. Patel S. Mcwilliam		International Journal of Applied j ¶ Electromagnetics and Mechanics, 45, 1-4 (2014) pp. 573-580	
H65	Study on exible piezoelectric device K. Shinagawa for compressive loads Y. Tanaka H. Mutsuda		International Journal of Applied j ¶ Electromagnetics and Mechanics, 45, 1-4 (2014) pp. 163-170	
H66	Experiment of receiving ultrasonicR. Tone wave by using adhesion and a contact typeY. Tanaka PVDF sensor Y. Fujimoto		International Journal of Applied j ¶ Electromagnetics and Mechanics, 45, 1-4 (2014) pp. 171-177	

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H67	Study of Eddy Current Analysis by a Meshless Method Using RPIM	Y. Tanaka S. Watanabe T. Oko			Proceedings of 16th Biennial IEEE Conference on Electromagnetic Field Computation CEFC2014, (2014)	
H68	An Experimental Study of Wave Power Generation Using Flexible Piezoelectric Device	Y. Tanaka T. Oko H. Mutsuda R. Patel S. McWilliam A. Popov			The Twenty-fourth (2014) International Ocean and Polar Engineering Conference ISOPE2014, (2014)	
H69	GA b; ` h § + f - Ó é · μ w 7 & = t b " Z €	Yasuhiro Ikeda Hiroshi Tokumoto Kunihiro Hamada Shinji Hase	› > \ { a „ Â ¢ • ~ > O z F		Ô Š § + , 8 » ¶ q æ B , 20 ¶ (2014) pp. 231-242	
H70	Improvement of automatic nesting system for shipbuilding by using heuristic rules	Yasuhiro Ikeda Hiroshi Tokumoto Kunihiro Hamada Shinji Hase			TEAM 2014 Conference Proceedings, 28 (2014) pp. 464-471	
H71	Development of system dynamics model for the demand forecasting of ships consideration of short-term changes	Yui Ishihara Kunihiro Hamada Noritaka Hirata Shohei Miura Hazutaka Seki Shinji Yamada			TEAM 2014 Conference Proceedings, 28 (2014) pp. 522-527	
H72	Optimization Models for Deriving Optimum Target of Key Characteristics	Cucuk Nur Rosyidi Dradjad Irianto Andi Cakravastia Kunihiro Hamada			Journal of Advanced Manufacturing Systems, 13, 2 (2014) pp. 89-101	

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I1	STUDY ON TIMBER FRAMED JOINTS USING DRIFT PINS AND UV-HARDENING FRP	Shinya Matsumoto Shuhei Mitsui Takaaki Ohkubo	WCTE2014, Book of Abstract, f w Volume III (2014) pp. 97-98	
I2	i?0"Ü– u•.i±³µÂÜ w%oCS' Í Û "•AĐ › Ý `h+š wv^Ý6wQ	{ Š .™ Gq- 1ª –v x	Ô Š P™ ¶ qU[C B , H20 è j¶ , H45 ø (2014) pp. 477-482	
I3	ÁçC S·i±›;Mhü^- ³µÂÜwÝz®Š•w&;q®Q	e,, Gq- 1ª !Š û õ vŠ 6	Ô Š -i « æ"Ä » ¶ q á í æ j¶ B , Vol.36, No.2 (2014) pp. 1309-1314	
I4	P™ ú w Õ # È = wh Š w P™ P %o~ æP è Õ ç w ¼ g ~ Z € t b"² _	Gq- 1ª	PP ¼ g Ø C, Vol.50, 1 (2014) i† pp. 34-39	
I5	Control of cracking in full-scaled columns made of ultra-high-strength concrete	Ippei Maruyama Makoto Tanimura Yuji Mitani Shinsuke Ishikawa Souichi Tateyama Atsushi Teramoto	Materials and Structures, (2014) j¶	
I6	Strain and thermal expansion coefficients of various cement pastes during hydration at early ages	Ippei Maruyama Atsushi Teramoto Go Igarashi	Materials and Structures47, 1-2 j¶ (2014) pp. 27-37	
I7	æĐŽ › b"-i « æ"Ä w^- Ø í t b"Z€	É Š ž™ '> + õ > 9 Â	Ô Š -i « æ"Ä » ¶ q á í æ j¶ B, 36, 1 (2014) pp. 574-579	
I8	Displacement-restraint bracing for suppression of deformation concentration to local stories of high-rise buildings	Hiroshi Tagawa	Proceedings of International Civil j¶ Engineering & Architecture Sym- posium for Academicians 2014, USB(2014)	
I9	Stiffening of bolted end-plate connections with steel member assemblies	Hiroshi Tagawa Yudu Liu	Journal of Constructional Steel Re-j¶ search,103(2014) pp. 190-199	
I10	Experimental evaluation of dynamic characteristics of seesaw energy dissipation system for vibration control of structures	Jaedo Kang Hiroshi Tagawa	Earthquake Engineering & Struc- j¶ tural Dynamics43(2014) pp. 1889-1895	
I11	ĐZ^amÇÿÚíí úw tq s 8iÉ	•b Õ ¼^a è™ Ä^a °. ô! É	iï á í æ C B , 22(2014) j¶ pp. 354-361	
I12	1 Ú ± 0 ¶ Z NC Ò è " µ M Ī w • tÿnt b"Z€	–i – ô! É Ä^a °. •b Õ	Ô Š P™ ¶ q ĩ % æ B , 79, j¶ 705 (2014) pp. 1677-1685	

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I13	Development of Building Inventory Data and Earthquake Damage Estimation Lima, Peru for Future Earthquakes		Masashi Matsuoka Shun Mito Saburoh Midorikawa Hiroyuki Miura Luis Quiroz Yoshihisa Maruyama Miguel Estrada		Journal of Disaster Research, 6 (2014) pp. 1032-1041	j¶
I14	• Gât,nXp• R•p w•kÿiS q]T°^w		~ Ü Â í) p ú a É		•-† ¶ ¶ q æ B , 24(2014) pp. 33-41	j¶
I15	• G â T' " Z ^ • h • k ÿ i) Q q è ³ " ì " Ñ • ï « ³ ã ï w % ò r s t ' " S p S ï Þ Ñ ç w *		~ Ü Â í Á ' 5 ú a É h z y) \		Ô Š • » ¶ q æ B , 14, 5 (2014) pp. 31-49	j¶
I16	Evaluation of Site Effects on Strong Ground Motion Records in Concepcion during the 2010 Maule, Chile Earthquake		Saburoh Mirorikawa Hiroaki Yamanaka Kosuke Chimoto Rafael Riddel Hiroyuki Miura Koichi Saguchi		Bulletin of the Seismological Society of America, 105, 5 (2014) pp. 2503-2511	j¶
I17	Site Characterization for Strong Motion Data of the 2011 Tohoku, Japan Earthquake		Saburoh Midorikawa Hiroyuki Miura Yoshihiro Nogii		Proceedings of 10th U.S. National Conference on Earthquake Engineering, (2014)	j¶
I18	Ê ù d ö Q g æ t , n X Ñ Õ Q) Ç) ` h Ä å µ ï ú w 7 & f - O		y > g • ' c C { Ú % å æ ° G Z m		Ô Š P™ ¶ q ï % æ B , 79, 699 (2014) pp. 583-592	j¶
I19	: (^ F) ; M h ALC í É ç w ~ æ € î w v A É r s		- ; • m í G Z m v™ ~ • < S ~		ï » ¶ æ B , 60B(2014) pp. 463-470	j¶
I20	Seismic response of building frames with flexible base optimized for reverse rocking response		Makoto Ohsaki Osamu Iwatsuki Hidekazu Watanabe		Engineering Structures, 74, 1 (2014) pp. 170-179	j¶
I21	" & ` L Y) ! Z " ù R Š w Ä I v A É r s		• < S ~ G Z m - ; • m í v™ ~ Á > > ' Ò í		Ô Š P™ ¶ q ï % æ B , 79, 704 (2014) pp. 1481-1490	j¶
I22	FE-analysis and experiment of optimized and standard link members of K-brace					

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I23	Parameter identification and numerical analysis of spring steel damper with a heuristic optimization approach		Makoto Yamakawa Masahiko Tatibana Kyouzou Hukazawa Mitsuki Nihei Makoto Ohsaki Takuzo Nakamura Hiroyuki Yamanouchi		Proc. 8th China-Japan-Korea Joint Symposium on Optimization of Structural and Mechanical Systems (CJK-OSM8), (2014) pp. No. 0104	
I24	Robust design optimization of building frames using order statistics and local search		Yusei Taniguchi Makoto Ohsaki Makoto Yamakawa		Proc. 8th China-Japan-Korea Joint Symposium on Optimization of Structural and Mechanical Systems (CJK-OSM8), (2014) pp. No. 0059	
I25	Parameter optimization of three-directional tuned mass damper for seismic response control		Toma Hasegawa Makoto Ohsaki Seita Tsuda		Proc. 8th China-Japan-Korea Joint Symposium on Optimization of Structural and Mechanical Systems (CJK-OSM8), (2014) pp. No. 0058	
I26	Finite element analysis of damping mechanism of autoclaved lightweight aerated concrete panels for exterior walls of steel structures		Masayuki Kohiyama Makoto Ohsaki Tomoshi Miyamura Takuzo Yamashita		Proc. 11th World Congress of Computational Mechanics (WCCM11), (2014) pp. No. 1137	
I27	Form-finding and stability analysis of tensegrity structures using nonlinear programming and fictitious material properties		Makoto Ohsaki Jingyao Zhang Tetsuto Taguchi		Proc. 5th Int. Conf. on Computational Mechanics (ICCM2014), (2014) pp. No. 89	
I28	Linear programming approach to design of spatial link mechanism with partially rigid joints		Makoto Ohsaki Yoshihiro Kanno Seita Tsuda		Structural and Multidisciplinary Optimization, 50 (2014) pp. 945-956	
I29	7 RC P ú t S Z " Š æ P w 1 Q ó ° A		â æ 2 Ê ™ ' a õ Ô z ú E		« æ " Ä » ¶ á í æ B , 36, j ¶ 2 (2014) pp. 715-720	
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I42	Urban Environmental Climate MapsKaoru Matsuo				Proceedings of the 7th Japanesej¶	
	for Urban Planning Considering Urban HeatTakahiro Tanaka				German Meeting on Urban Clima-	
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I43	Future Thermal Environment Estima-Makoto Yokoyama				Proceedings of the 7th Japanesej¶	
	tion in urbanized Area under the DepopulationKaoru Matsuo				German Meeting on Urban Clima-	
	-Scenario Evaluation in Kanagawa-Takahiro Tanaka				tology, (2014)	
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I44	E ect of Urban Form on Thermal En-Takahiro Tanaka				Proceedings of the 7th Japanesej¶	
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I45	A Study on the Sustainable Use ofYuto Naritomi				Proceedings of the 10th Interna-j¶	
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I46	Making Potential Maps of PopulationShoki Hatamori				Proceedings of the 10th Interna-j¶	
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	acteristics: For Designing Compact City SceShusuke Inachi				Interchanges in Asia, (2014)	
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I47	Analysis of the Relationship Between Urban Form and Ventilation in Coastal Densely Wooden Built-up Area: For Making Design Guideline	Be-Kazune Uchida Kentarō Hayashi Takahiro Tanaka Shusuke Inachi	Proceedings of the 10th International Symposium on Architectural Interchanges in Asia, (2014) pp. 1111-1116	
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I49	G ǐ ° q 3. § Ñ £ t S Z " « ... w i 6 q f w A ¼ ü s	Ú > ° Z ó b Ê G ^ ' ~ à > « H ° ‡, P —	Ô Š P ™ ¶ q ¥ % æ B , 79, j ¶ 696 (2014) pp. 191-199	
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I58	Study on the Comparison among the Psychological Evaluation for the Sightseeing Scenes by Japanese, Korean and Chinese Subjects		Toshiro Yoshihara Daisaku Nishina Takahiro Tanaka Kota Kawase Yuki Miyaji Yasuhiro Mukai		Proceedings of the 11th International Symposium on Environment-Behavior Studies, (2014) pp. 125-131	
I59	The Comparison among the Psychological Evaluation for Past and Present River landscape		Daisaku Nishina Hanae Shoji Saburo Murakawa Takahiro Tanaka		Proceedings of the 11th International Symposium on Environment-Behavior Studies, (2014) pp. 500-506	
I60	Ö ç " È ~ » ç Ä ¶ ° N ç w r . ± t _ ' • " ü „ \$ N ç p t S Z " ; \$ 6 P Ä ç t b " Z €		z æ ' ? Š]		Ô Š P™ ¶ q - h % æ B , 79, j ¶ 695 (2014) pp. 253-259	
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I62	Umedzu Paper Mill: industrial architecture and influence of paper-making technology in the early Meiji Japan		Susumu Mizuta		Proceedings of 10th international symposium on architectural interchanges in Asia, (2014) pp. 825-830	
I63	Proposal for Urban Environment Using Icons with Fifth Year Elementary Students		Us-Shoichiro Sendai		Proceedings of the International Conference on Kansei Engineering and Emotion Research, 2C (2014)	
I64	The Roof Garden in Japanese Modern Architecture From the End of World War II until 1966		Michiya Tsukano Us-Shoichiro Sendai		Proceedings of the International Conference on Kansei Engineering and Emotion Research, 2C (2014)	

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J9	Tumor Response Extraction Based on Ensemble Empirical Mode Decomposition for Early Breast Cancer Detection by UWB	Q. Li, X. Xiao	H. Song L. Wang T. Kikkawa		IEEE Biomedical Circuits and Systems Conference, (2014)	j ¶
J10	Effect of ozone radical treatment for high-performance poly-Si TFTs	T. Hirata	S. Kuroki M. Yamano T. Sato K. Kotani T. Kikkawa		IEEE International Workshop on Active-Matrix Flatpanel Displays and Devices, (2014)	j ¶
J11	Low Resistance Ohmic Contact Formation of Ni Silicide on Partially Si Ion Implanted n-4H-SiC	M. De Silva	T. Sato S. Kuroki T. Kikkawa		Materials Science Forum, 778 (2014) pp. 689-692	j ¶
J12	A CMOS 65nm DC-17GHz Single Pole Eight Throw Switch for 8GHz Radar Impulse Communication	A. Azhari	S. Takumi S. Kenta T. Kikkawa		Asia-Pacific Microwave Conference, (2014)	j ¶
J13	A 2-12 GHz 1 mW 65 nm CMOS Double Pole Eight Throw Switching. Matrix	Afreen Azhari	Takumi Sugitani Kenta Sogo Takamaro Kikkawa		H 75 s ; ú g ¶ q 3 B ¶ [è q , (2014)	j ¶
J14	Memory Based Hardware-Accelerated System for High-Speed Human Detection	B. Wicaksono	F. An H.J. Mattausch		Advanced Robotics, 28, 5 (2014)	j ¶
J15	Compact Modeling of SOI MOSFETs with Ultra Thin Silicon and BOX Layers	M. Miura-Mattausch	U. Feldmann Y. Fukunaga M. Miyake H. Kikuchihara F. Ueno H.J. Mattausch T. Nakagawa N. Sugii		IEEE Trans. on Electron Devices, 61, 2 (2014) pp. 255-265	j ¶
J16	Associative Memory Architecture for Word-Parallel Smallest Euclidean Distance Search Using Distance Mapping into Clock Number Domain	T. Akazawa	S. Sasaki H.J. Mattausch		Jpn. J. Appl. Phys., 53, 4SI (2014) pp. 1-7	j ¶
J17	Compact modeling of injection-enhanced insulated-gate bipolar transistor for accurate circuit switching prediction	T. Yamamoto	M. Miyake H. Kato U. Feldmann H.J. Mattausch M. Miura-Mattausch		Jpn. J. Appl. Phys., 53, 4SI (2014) pp. 1-6	j ¶
J18	A Surface Potential Based Organic Thin-Film Transistor Model for Circuit Simulation Verified with DNTT High Performance Test Devices	T. K. Mait	T. Hayashi L. Chen H. Mor M. J. Kang K. Takemiya M. Miura-Mattausch H.J. Mattausch		IEEE Trans. on Semiconductor Manufacturing, 27, 2 (2014) pp. 159-168	j ¶

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Circuit Aging Simulation under Any Stress H.J. Mattausch
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IEEE Trans. on Device and Materi- j ¶
als Reliability, Vol.14, No.3 (2014)
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J20 Compact Modeling of Injection En- T. Yamamoto
hanced Insulated Gate Bipolar Transistor Valid M. Miyak2<09.amamoto
for Optimization of Switching Frequency

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J27	A Coprocessor for Clock-Mapping-Based Nearest Euclidean Distance Search with Feature Vector Dimension Adaptability	F. An T. Akazawa S. Yamazaki L. Chen H.J. Mattausch				Proceedings of the IEEE Custom Integrated Circuits Conference (CICC 2014), (2014) pp. 1-4
J28	Mobility Model for Advanced SOI-MOSFETs Including Back-Gate Contributions	H. Zenitani H. Miyamoto H. Kikuchiara U. Feldmann H.J. Mattausch M. Miura-Mattausch				Extended Abstracts of the 2014 International Conference on Solid State Devices and Materials (SSDM 2014), (2014) pp. 856-857
J29	OTFT Circuit Design for Actuator Driving Control in an Organic Fluid Pump	L. Chen T. K. Maiti H. Miyamoto M. Miura-Mattausch H.J. Mattausch				Extended Abstracts of the 2014 International Conference on Solid State Devices and Materials (SSDM 2014), (2014) pp. 908-909
J30	Accurate Physical Compact Models of High-Voltage Power Semiconductor Devices for Efficient Design of Performance-Optimized Circuits and Systems	H.J. Mattausch T. Umeda H. Kikuchiara M. Miura-Mattausch				Extended Abstracts of the 2014 International Conference on Solid State Devices and Materials (SSDM 2014), (2014) pp. 1026-1027
J31	SoC Realization of LVQ Neural Network with On-chip Learning and Recognition	F. An T. Akazawa S. Yamazaki L. Chen H.J. Mattausch				Extended Abstracts of the 2014 International Conference on Solid State Devices and Materials (SSDM 2014), (2014) pp. 102-103
J32	Digital Word-Parallel Low-Power Recognition SoC for Mobile Equipment Based on Nearest Euclidean Distance Search and KNN Classification	S. Yamasaki T. Akazawa F. An H.J. Mattausch				Extended Abstracts of the 2014 International Conference on Solid State Devices and Materials (SSDM 2014), (2014) pp. 104-105
J33	The HiSIM Compact Models of High-Voltage Power Semiconductor Devices for Circuit Simulation	H.J. Mattausch T. Umeda H. Kikuchiara M. Miura-Mattausch				Proceedings of the International Conference on Solid-State and Integrated-Circuit Technology (ICSICT 2014), (2014) pp. 1415-1418
J34	Modeling of Aging Effect for Advanced MOSFETs	C. Ma H.J. Mattausch K. Matsuzawa S. Yamaguchi T. Hoshida M. Imade R. Koh T. Arakawa M. Miura-Mattausch				Proceedings of the International Conference on Solid-State and Integrated-Circuit Technology (ICSICT 2014), (2014) pp. 712-715
J35	LVQ Neural Network SoC Adaptable to Different on-Chip Learning and Recognition Applications	F. An T. Akazawa S. Yamazaki L. Chen H.J. Mattausch				Proceedings of the 2014 IEEE Asia Pacific Conference on Circuits and Systems (APCCAS 2014), (2014) pp. 623-626

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J36	In uence of Carrier Traps on Real SiC	Y. Tanimoto	A. Saito	K. Matsuura	H. Kikuchihara	H. J. Mattausch	Proceedings of the 2014 45th IEEE Semiconductor Interface Specialists Conference (SISC 2014), (2014)								
J37	A SoPC architecture for nearest-neighbor based learning and recognition	F. An	L. Chen	H.J. Mattausch			Proceedings of the 2014 IEEE International Symposium on Intelligent Signal Processing & Communication Systems (ISPACS 2014), paper-ID16 (2014) pp. 1-6								
J38	A Computer System To Be Used With Laser-Based Endoscopy For Quantitative Diagnosis of Early Gastric Cancer	R. Miyaki	S. Yoshida	S. Tanaka	Y. Kominami	Y. Sanomura	T. Matsuo	S. Oka	B. Raytchev	T. Tamaki	T. Koide	K. Kaneda	M. Yoshihara	C. Chayama	Journal of Clinical Gastroenterology, in press, (2014)
J39	G ¹ NBI IG ⁰¹ , h p ... § w h Š w › Ä " ! õ ž " © Â « ½ ß w % C		? ¾ % O _ › ~ a M A. T. Hoang - Z) œ Ä æ *	B. Raytchev	Ú > è - Æ E v æ g ! œ 9 ĩ b > R > π ô ĩ		H 20 s h p · ĩ ³ ĩ - ³ ĩ Û ´ ç Ü ç SSII2014£ æ B , (2014) pp. IS3-10-1-IS3-10-7	j ¶							
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J42	A Computer-Based System for Quan-Shigeto Yoshida				Gastrointestinal Endoscopy, j ¶	
	titative Diagnosis of Early Gastric Cancer Un-Rie Miyaki				Vol.79, No.5 (2014)	
	der Blue LASER Imaging-Magnifying En-	Yoko Kominami	Yoko Kominami		pp. AB471	
	doscopy	Yoji Sanomura	Yoji Sanomura			
		Taiji Matsuo	Taiji Matsuo			
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		Shinji Tanaka	Shinji Tanaka			
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		Tsubasa Mishima	Tsubasa Mishima			
		Satoshi Shigemi	Satoshi Shigemi			
		Anh-Tuan Hoang	Anh-Tuan Hoang			
		Tetsushi Koide	Tetsushi Koide			
		Kazuaki Chayama	Kazuaki Chayama			
J43	Pipeline scanning architecture with	A. T. Hoang	A. T. Hoang		Proc. of the IEEE International j ¶	
	computation reduction for rectangle pattern	M. Yamamoto	M. Yamamoto		Symposium on Circuits and Sys-	
	matching in real-time tra c sign detection	M. Omori	M. Omori		tems (ISCAS), (2014)	
		T. Koide	T. Koide		pp. 1532-1535	
J44	Compact hardware oriented numbe	M. Yamamoto	M. Yamamoto		Proc. of the IEEE International j ¶	
	recognition algorithm for real-time speed	A. T. Hoang	A. T. Hoang		Symposium on Circuits and Sys-	
	tra c-sign recognition	M. Omori	M. Omori		tems (ISCAS), (2014)	
		T. Koide	T. Koide		pp. 2535-2538	
J45	Fpga implementation of feature ex-	T. Mishima	T. Mishima		Proc. of the IEEE International j ¶	
	traction for colorectal endoscopic images with	S. Shigemi	S. Shigemi		Symposium on Circuits and Sys-	
	nbi magni cation	A. T. Hoang	A. T. Hoang		tems (ISCAS), (2014)	
		T. Koide	T. Koide		pp. 2515-2518	
		T. Tamaki	T. Tamaki			
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J46	FPGA Implementation of Type Identifier for Colorectal Endoscopic Images with NBIMagnification	T. Koide A. T. Hoang T. Okamoto S. Shigemi T. Mishima T. Tamaki B. Raytchev K. Kaneda Y. Kominami R. Miyaki T. Matsuo S. Yoshida Shinji Tanaka	Proceedings of the 12th IEEE Asia Pacific Conference on Circuits and Systems (APCCAS 2014), (2014) pp. 651-654	
J47	Interleaved-bit-slice AES Encryption and Decryption with Massive-Parallel Embedded Processor	T. Kumaki T. Fujino T. Koide	Proceedings of the 12th IEEE Asia Pacific Conference on Circuits and Systems (APCCAS 2014), (2014) pp. 359-362	
J48	Low Cost Hardware Implementation for Traffic Sign Detection System	A. T. Hoang T. Koide M. Yamamoto	Proceedings of the 12th IEEE Asia Pacific Conference on Circuits and Systems (APCCAS 2014), (2014) pp. 363-366	
J49	Study of Charge Retention Mechanism for DNA Memory FET	S. Maeno N. Matsuo S. Nakamura A. Heya T. Takada K. Yamana M. Fukuyama S. Yokoyama	IEICE Electronics Express, 11, 5 (2014) pp. 1-6	
J50	Improvement of Hump Phenomenon of Thin-Film Transistor by SiNx Film	T. Kobayashi N. Matsuo A. Heya S. Yokoyama	IEICE TRANSACTIONS on Electronics, E97-C, 11 (2014) pp. 1112-1116	
J51	Proposal of MEMS Optical Device Using Slot-Ring Resonator with Low-Voltage Operation	Y. Amemiya A. K. Sana K. Okada K. Honzawa M. Fukuyama S. Yokoyama	11th Int. Conf. on Group IV Photonics, WP15 (2014) pp. 69-70	
J52	Differential Si Ring-Resonator Biosensors Robust to Process Variations	T. Taniguchi Y. Amemiya T. Ikeda A. Kuroda S. Yokoyama	11th Int. Conf. on Group IV Photonics, FB1 (2014) pp. 213-214	
J53	Charge Retention and Conduction Mechanism of DNA Memory Transistor	S. Nakamura N. Matsuo K. Yamana A. Heya T. Takada M. Fukuyama S. Yokoyama	Active-Matrix Flatpanel Displays and Devices (AM-FPD), (2014) pp. 173-175	

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J54	High performance Poly-Si TFTs with Highly Bi-axially Oriented Poly-Si Thin Films Using DLB Continuous-wave Laser Lateral Crystallization		Masayuki Yamano Shin-Ichiro Kuroki Tadashi Sato Koji Kotani		Jpn. J. Appl. Phys53 (2014) pp. 03CC02-1-03CC02-4	j ¶
J55	Phosphorous ion implantation into NiGe layer for Ohmic contact formation on type Ge		Yuya Minoura Hiroshi Oka Takuji Hosoi Jin Matsugaki Shin-Ichiro Kuroki Takayoshi Shimura Heiji Watanabe		Jpn. J. Appl. Phys53 (2014) pp. 08LD01-1-08LD01-5	j ¶
J56	¼ Ò ç à ì ì " Ü È C ü è " ² â Â ç A ¥ = t " ô Q ó poly-Si TFT		• ú ¼ æ ó ° à \$ { t - i « ~ b ' ¬ ©		? Ø C è ô ¶ q ³ æ ÿ P % ~ Ã Ì μ Z € q ç SDM ¶ ô ¶ U C, Vol.114, No.1 (2014) pp. 45-49	ï †
J57	Characterization of Poly-Si TFTs with Highly Bi-Axially Oriented Poly-Si Thin Films Using DLB Continuous-Wave Laser Lateral Crystallization		Shin-Ichiro Kuroki Masayuki Yamano Tadashi Sato Nobuhiro Hata Koji Kotani Takamaro Kikkawa		2014 MRS Spring Meeting, (2014) pp. A17.06	j ¶
J58	Leakage Current Reduction of 4H-SiC Schottky Barrier Diode by Using Oxidation		Shin-Ichiro Kuroki Seiji Ishikawa Tomonori Maeda Hiroshi Sezaki Takamaro Kikkawa		2014 MRS Spring Meeting, (2014) pp. DD6.05	j ¶
J59	Characteristics of Poly-Si Thin Film Transistors with Highly Biaxially Oriented Linearly Arranged Poly-Si Thin Films Using Double Line Beam Continuous-Wave Laser Lateral Crystallization		M. Yamano S.I. Kuroki T. Hirata T. Sato K. Kotani T. Kikkawa		226th Meeting of The Electrochemical Society, Q10 Thin Film Transistor 12 (TFT12), (2014) pp. 1906	j ¶
J60	Area Expansion of Crystallized Si Films on YSZ Layers by Two-step Method in PLA		Mai Thi Kieu Lien Masayuki Yamano Tatsuaki Hirata Shin-Ichiro Kuroki Susumu Horita		Proceedings of IDW'14,AMD8-2L (2014) pp. 259-260	j ¶
J61	Magnetically Controlled Biogenic Crystals as Photo-Bioreactors for Algae.		Miyashita Y Mizukawa Y Endo H Iwasaka M		IEEE Transactions on Magnetics, j ¶ 50, 11 (2014) pp. 5001504	j ¶
J62	Synchrotron Microscopic Fourier Transform Infrared Spectroscopy Analysis of Biogenic Guanine Crystals Along Axes of Easy Magnetization		Mizukawa Y Kikemoto Y Moriwaki T Kinoshita T Kimura F Kimura T Iwasaka M		IEEE Transactions on Magnetics, j ¶ 50, 11 (2014) pp. 5001804	j ¶
J63	Magnetic Rotation of Monosodium Urate and Urinary Tract Stones for Clinical Treatment Applications		Takeuchi Y Sugawara Y Sugawara T Iwasaka M		IEEE Transactions on Magnetics, j ¶ 50, 11 (2014) pp. 6101204	j ¶

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J64	Magnetic Manipulation of Nucleic Acid Base Microcrystals for DNA Sensing		Mizukawa Y Suzuki K Yamamura S Sugawara Y Sugawara T Iwasaka M		IEEE Transactions on Magnetics, j ¶ 50, 11 (2014) pp. 5001904	
J65	FDTD Analysis of Light Control by Magnetically Oriented Guanine Crystal Plates		Miyashita Y Iwasaka M		IEEE Transactions on Magnetics, j ¶ 50, 11 (2014) pp. 5001404	
J66	Effects of Strong Magnetic Processing on Orientation and Photoproperties of Gold Nanowires on a Substrate		Yonemura H Makihara Y Sakai N Iwasaka M Yamada S		Molecular Crystals and Liquid Crystals, 599, 1 (2014) pp. 63-67	
J67	Microcrystal-like cellulose fibrils as the diamagnetic director for microfluidic systems		Miyashita Y Iwasaka M Kimura T		Journal of Applied Physics, 115, 17 (2014) pp. 17B519	j ¶
J68	Magneto-optical properties of biogenic photonic crystals in algae		Mizukawa Y Iwasaka M		Journal of Applied Physics, 115, 17 (2014) pp. 17B501	j ¶
J69	Two-stage magnetic orientation of uric acid crystals as gout initiators		Takeuchi Y Miyashita Y Mizukawa Y Iwasaka M		Applied Physics Letters, 104, 2 (2014) pp. 024109	j ¶
J70	Rapid magnetic wiper featuring biogenic guanine particles: Magnetic non-contact switching of optofluidic mirrors featuring biogenic guanine crystals		Iwasaka M Mizukawa Y Miyashita Y		Applied Physics Letters, 104, 2 (2014) pp. 024108	j ¶

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Apparatus and method of evaluating vascular endothelial function (US 8,827,911 B2)	Utsuhiro Tsuji Masao Yoshizumi Masao Yoshizumi Masashi Kawamoto Teiji Ukawa	2014.9.9

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VESSEL WALL MONITORING APPARATUS (US 8,814,801 B2)	Toshio Tsuji Masao Yoshizumi Masashi Kawamoto Yukihito Higashi Noboru Saeki Ryuji Nakamura Abdugheni Kutluk Akinobu Kohno Tetsuya Horiuchi Teiji Ukawa	2014.8.26
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§ æ ¶ • æ A « (Abstracts of Doctoral Theses)

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 Control of separation functional layer structure of
 polyamide membrane for improved water permeability
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 Zhifang Tan
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Synthesis of novel-conjugated oligomers and D-A type
 copolymers for optoelectronic applications
 («? Äì µ•w ;>è!`h π-žp!æ°Ú"S
 '| D-A -ÛæÚ"wùR£)
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 Å\$úQtmMo\,oM"{
 H2•px|!0Qw (E)-2,3-bis-(2-thienyl)acrylonitrile
 (BTA) q?™)Qw benzo[1,2-b;4,5-d]dithiophene (BDT)
 T's"É "w D-A ÛæÚ"ç PM1, PM2£wùR,æ
 M|f•'w«úQ•?>=¶\$Qí|1äQ>Đ*`o
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 o&~pK"\q>_Z`h{îMt PM1 K"Mx PM2
 >ÄÆ"t|Ñã"èİç PCBM£ž«•Ó"qb"
 bulk-hetero-junction ;,š E?`w^atR-`h{
 ÚE<p;ó°A>æM|É ^aw7&=>ælh{f
 wAL|ÛæÚ"ÆQÚt 3‰wDIO>4C`|É ">
 <pÉ >^ab"\qt`"| 100 mW cm² wV Å E
 «°ù<p|yW«?v 10.71 mA cm², ‰L«l?y 600
 mV, ÑÿçÑ•«»" 65%, æÉçª"!ô@p 4.17%>
 Ôb ;,š E?`w^atR-`h{
 H3•px|ÛæÚ" /•w"õ, <Öw@L>Đ*
 b"\q>èMt|~ "wÛæÚ"ç PS0, PS1, PS2>
 Ä² ĩ`ùR`h{ Poly[(benzodithiophene-2,6-diyl)(2,5-
 thienylene)] (PS0) qπ-žp /> b" <. (PS1:
 thienylethenyl, PS2: thienyl-cyanoethenyl) «úQ•?>=
 ¶\$Qí|äúQ>z±~U|h{? u¼Qw CN, >
 /t b" PS2x / w PM2tz, o¿MpÖ--p
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 Ú"q PCBM >;Mo ;,š E?`w^a>ælh{
 ~ "wÛæÚ" wæÉçª"!ô@px PS0, PS1, PS2>
 qjpÿC`h{^aÚEw7&=™| PS2xž<w'Ó
 s E?`Q>Ô`h•yW«?v 11.49 mA cm², ‰L
 «l?y 700 mV, ÑÿçÑ•«»" 53%, æÉçª"!ô
 @p 4.49%{ŽíwîgAL`"|? u¼, > b"}

õ, > /t<Öb"\qt`lo«u)3w!ÁUDó
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 E11T£>ùR`|f•'w«¶\$S`|?>=¶\$Qí|‰
 w\$TĐ*`h{ /t EDOT ><Ö`h oligothiophene
 x|‰aÖ^w0 oligothiophenet z, o«u)3Uzı³
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 ‡h| E7T>Äé¿Ó@ßµÄ`hšUÄŠoâÇ"«s
 Y>Ôb\q>_Z`h{7<Ö/w E11TtSMox|
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 Rittichai Phaoniam
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 Evaluation and prediction method for solidi cation cracking
 during hot-wire laser welding with a narrow gap joint and
 GMAW process using computational simulation
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 GMA 9€tSZ"½{Ä•w°A |tC\`)
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 H4 .px| AZ31B Xw¾ ^Ä[tSMo9Sq¾
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 Design of Data-Oriented PID Controllers Based on Mini-
 mizing Generalized Output Errors
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Studies on Bio-Inspired Hybrid Metaheuristics for kù*•»¶
Cardinality Tree Problems

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U-ÿ^•oM"ŀ

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È Òæ¿Äÿ»rO> Š`oM"ŀ:<ŀgwALT
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Ú"«đJp7œw7'rwÈýUŀqpVoM"ŀqU
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(A Study on Displaying High Dynamic Range Images Con-
sidering Human Visual Perception)

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(Design and Development of Interactive Environment for
Learning by Problem-Posing)

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(Study on liquefaction prediction of reclaimed land considering the variation in the state of the ground)

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 (Nonlinear analyses of folded-plate structure using mesh-
 free method)
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(Study on the Eect on the Energy Consumption of De-
tached Houses by the Factors Among the Households and
the Factors Changed in the Household)

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Study on Load Management for Hierarchical Peer-to-Peer
File Search
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(Development of a sensing system for aortic pulse wave and
its application to driving seats)
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Morphology and gas permeation properties of thermoplastic elastomer/polyolefin polymer blend: thin Im and composite hollow-fiber membrane with a three-layered structure

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 t P M z Ž É • a v " (f₀₂) S ' | É • a v " (f_{N2}) x z Ÿ
 C ` z 2 μ 5 μ m w ° ^ t o z f₀₂ = 4 μ 8.5 · 10⁻⁶ cm² (25
 C) cm⁻² s⁻¹ cmHg⁻¹, f₀₂/f_{N2} = 3.0 p K l h { TEM o
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 š w % C (H4 .) z ÷ w d > > Q (H5 .) z ĩ Ā (H6 .)
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 Drilling Process Monitoring—drill wear prediction and
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·ÈçxZ í ;·³µÄÜ»¶·È
¶·\$) åDÔ 2014 å 9 D 25 Ô

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- È
Thachanan Šamanmulya
J è
SUPERCritical WATER GASIFICATION CHARAC-
TERISTICS OF AMINO ACIDS
(žÛÊŽwÒÿ„+~µ=>Q)

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•ÈçxZ Í ;•úg»¶•È ¶•\$)áDŌ 2014 á 9 D25 Ō

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- È Raden Bagus Seno Wulung

J è

A Study on Decision Support for Managing Technology In-

cubator (Ā «Éé' " ĩ@áŌ"» gt0b"™Ÿ> § t b"Z€)

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 - Ê
 Popov Emil Hristov
 J è
 Robust Method For Transient Stability Assessment Of
 Power Systems Based On Energy Functions
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 (A Subjective Force Perception Model of Humans and its
 Application to Vehicle Operation Systems)
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 (Low Energy Dispersion of Nanoparticles via Beads Mill
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 ç£w%oC&çU†ĭ^•h{
 H2 .pxzĀâžçžŌ ĭ «µŪçt“z 1 ĭ{
 U 15 nmwl snÝ½>ÇžÆĒ{>;Mozĭ”
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Öž «µÛçt"z 1 Í{ U 10nmwnÝ½ » ÇžÆ
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Development of polymer-supported organosilica layered
hybrid membranes and their applications to molecular separa-
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H •x| Sol-gel spin coating process to fabricate a new
type of uniform and thin organosilica coating on polysulfone
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H •x| Fabrication of a layered hybrid membrane using
an organosilica separation layer on porous polysulfone ultra l-
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H •x| Improving separation performance of layered
hybrid membrane by fabricating ultrathin organosilica layer on
polymeric nano ltration membranes j p BTESE š > ô ü
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(Study on separation of endocrine disruptor by using uni-
molecular micelle formed by pH-responsive polymer)

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propanesulfonic acid (AMPS)w Ä æ ç Ü q|Ä+QRü
q`o /wÝ½èĩ,:UÝs" 12-methacrylamidodo-
decanic acid (MmD) 8-methacrylamidoctanoic acid (MmO)
S'| 6-methacrylamidohexanoic acid (MmH)w Ä æ ç Ü
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(Bond behaviors between low strength concrete and plain
round bars in pull-out tests)
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 (A Study on Stress Analysis and Mechanical Characteristics of Bolted Pipe Flange Connections with Non-asbestos Gaskets)

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(A Study on Finite Element Stress Analysis and Strength of
Scarf Adhesive Joints under Static Loadings)

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