

# Takashi Hikihara

## List of Publications by Citations

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203  
papers

2,041  
citations

23  
h-index

38  
g-index

238  
ext. papers

2,456  
ext. citations

1.9  
avg, IF

5.08  
L-index

#	Paper	IF	Citations
203	Power Conversion With SiC Devices at Extremely High Ambient Temperatures. <i>IEEE Transactions on Power Electronics</i> , <b>2007</b> , 22, 1321-1329	7.2	193
202	An experimental study on stabilization of unstable periodic motion in magneto-elastic chaos. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1996</b> , 211, 29-36	2.3	87
201	Router for Power Packet Distribution Network: Design and Experimental Verification. <i>IEEE Transactions on Smart Grid</i> , <b>2015</b> , 6, 618-626	10.7	69
200	In-Home Power Distribution Systems by Circuit Switching and Power Packet Dispatching <b>2010</b> ,		60
199	Coherent Swing Instability of Power Grids. <i>Journal of Nonlinear Science</i> , <b>2011</b> , 21, 403-439	2.8	56
198	Chaotic levitated motion of a magnet supported by superconductor. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1994</b> , 191, 279-284	2.3	51
197	A Coupled Dynamical Model of Redox Flow Battery Based on Chemical Reaction, Fluid Flow, and Electrical Circuit. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2008</b> , E91-A, 1741-1747	0.4	49
196	Measuring Terminal Capacitance and Its Voltage Dependency for High-Voltage Power Devices. <i>IEEE Transactions on Power Electronics</i> , <b>2009</b> , 24, 1486-1493	7.2	48
195	Applied Koopman operator theory for power systems technology. <i>Nonlinear Theory and Its Applications IEICE</i> , <b>2016</b> , 7, 430-459	0.6	45
194	Discharge characteristics of multicell lithium-ion battery with nonuniform cells. <i>Journal of Power Sources</i> , <b>2013</b> , 241, 736-743	8.9	44
193	Logic-memory device of a mechanical resonator. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 123104	3.4	43
192	Levitation drift of a magnet supported by a high-Tc superconductor under vibration. <i>Physica C: Superconductivity and Its Applications</i> , <b>1995</b> , 250, 121-127	1.3	41
191	A Hybrid System Approach to the Analysis and Design of Power Grid Dynamic Performance. <i>Proceedings of the IEEE</i> , <b>2012</b> , 100, 225-239	14.3	39
190	Coupled cantilever array with tunable on-site nonlinearity and observation of localized oscillations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2009</b> , 373, 1257-1260	2.3	39
189	Control of microcantilevers in dynamic force microscopy using time delayed feedback. <i>Review of Scientific Instruments</i> , <b>2006</b> , 77, 053703	1.7	38
188	Data-Driven Partitioning of Power Networks Via Koopman Mode Analysis. <i>IEEE Transactions on Power Systems</i> , <b>2016</b> , 31, 2799-2808	7	37
187	Thermal instability effects in SiC Power MOSFETs. <i>Microelectronics Reliability</i> , <b>2012</b> , 52, 2414-2419	1.2	37

186	AC Power Routing System in Home Based on Demand and Supply Utilizing Distributed Power Sources. <i>Energies</i> , <b>2011</b> , 4, 717-726	3.1	35
185	Controlling chaos in dynamic-mode atomic force microscope. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2009</b> , 373, 3140-3144	2.3	33
184	Management of localized energy in discrete nonlinear transmission lines. <i>Europhysics Letters</i> , <b>2007</b> , 80, 30002	1.6	31
183	Estimation of Power Packet Transfer Properties on Indoor Power Line Channel. <i>Energies</i> , <b>2012</b> , 5, 2141-2149	3.49	28
182	Period-doubling cascades of canards from the extended Bonhoeffer-Van der Pol oscillator. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2010</b> , 374, 3745-3751	2.3	26
181	A Study on SiC Devices in Synchronous Rectification of DC-DC Converter. <i>IEEE Applied Power Electronics Conference and Exposition</i> , <b>2007</b> ,		25
180	Levitation drift of flywheel and HTSC bearing system caused by mechanical resonance. <i>Physica C: Superconductivity and Its Applications</i> , <b>1997</b> , 291, 34-40	1.3	23
179	. <i>IEEE Transactions on Power Electronics</i> , <b>2008</b> , 23, 1518-1525	7.2	23
178	SiC JFET dc characteristics under extremely high ambient temperatures. <i>IEICE Electronics Express</i> , <b>2004</b> , 1, 523-527	0.5	22
177	Capture and release of traveling intrinsic localized mode in coupled cantilever array. <i>Chaos</i> , <b>2009</b> , 19, 013138	3.3	21
176	Bifurcation and multifractal vibration in dynamics of a high-Tc superconducting levitation system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1997</b> , 231, 217-223	2.3	21
175	Feasibility of power packet dispatching at in-home DC distribution network <b>2012</b> ,		20
174	Counter operation in nonlinear micro-electro-mechanical resonators. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2013</b> , 377, 2551-2555	2.3	19
173	Evaluation of High Frequency Switching Capability of SiC Schottky Barrier Diode, Based on Junction Capacitance Model. <i>IEEE Transactions on Power Electronics</i> , <b>2008</b> , 23, 2602-2611	7.2	19
172	Switching characteristics of SiC JFET and Schottky diode in high-temperature dc-dc power converters. <i>IEICE Electronics Express</i> , <b>2005</b> , 2, 97-102	0.5	19
171	Networked power packet dispatching system for multi-path routing <b>2014</b> ,		18
170	An all SiC MOSFET high performance PV converter cell <b>2013</b> ,		18
169	Design and experimental verification of power packet generation system for power packet dispatching system <b>2013</b> ,		18

168	Effects of noise on symmetric intrinsic localized modes. <i>Nonlinear Dynamics</i> , <b>2016</b> , 85, 333-341	5	17
167	High-speed gate drive circuit for SiC MOSFET by GaN HEMT. <i>IEICE Electronics Express</i> , <b>2015</b> , 12, 20150285-20150285	5	17
166	Modeling of lateral force-displacement hysteresis caused by local flux pinning. <i>Physica C: Superconductivity and Its Applications</i> , <b>1996</b> , 270, 68-74	1.3	16
165	Power packet dispatching with second-order clock synchronization. <i>International Journal of Circuit Theory and Applications</i> , <b>2016</b> , 44, 729-743	2	16
164	Experimental Stabilization of Unstable Periodic Orbit in Magneto-Elastic Chaos by Delayed Feedback Control. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>1997</b> , 07, 2837-2846	2	15
163	Stability change of intrinsic localized mode in finite nonlinear coupled oscillators. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2008</b> , 372, 4592-4595	2.3	15
162	Domain of attraction for stabilized orbits in time delayed feedback controlled Duffing systems. <i>Physical Review E</i> , <b>2004</b> , 69, 056209	2.4	15
161	Surface-Potential-Based Silicon Carbide Power MOSFET Model for Circuit Simulation. <i>IEEE Transactions on Power Electronics</i> , <b>2018</b> , 33, 10774-10783	7.2	14
160	Power Regulation With Predictive Dynamic Quantizer in Power Packet Dispatching System. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 63, 7653-7661	8.9	14
159	AC Power Local Network with Multiple Power Routers. <i>Energies</i> , <b>2013</b> , 6, 6293-6303	3.1	14
158	Tolerance of start-up control of rotation in parametric pendulum by delayed feedback. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2011</b> , 375, 1779-1783	2.3	14
157	Local bifurcations of synchronization in self-excited and forced unidirectionally coupled micromechanical resonators. <i>Journal of Sound and Vibration</i> , <b>2012</b> , 331, 1127-1142	3.9	13
156	Hybrid Model for Cascading Outage in a Power System: A Numerical Study. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2009</b> , E92-A, 871-879	0.4	13
155	An experimental spatio-temporal state transition of coupled magneto-elastic system. <i>Chaos</i> , <b>1997</b> , 7, 810-816	3.3	12
154	Global swing instability of multimachine power systems <b>2008</b> ,		12
153	Evaluation of capacitance-voltage characteristics for high voltage SiC-JFET. <i>IEICE Electronics Express</i> , <b>2007</b> , 4, 517-523	0.5	12
152	Measurement and modeling of gate-drain capacitance of silicon carbide vertical double-diffused MOSFET. <i>Japanese Journal of Applied Physics</i> , <b>2017</b> , 56, 04CR07	1.4	11
151	Power Processing for Advanced Power Distribution and Control. <i>IEICE Transactions on Communications</i> , <b>2017</b> , E100.B, 941-947	0.5	11

150	Quasi-periodic wave and its bifurcation in coupled magneto-elastic beam system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2001</b> , 281, 155-160	2.3	11
149	A simulation model for SiC power MOSFET based on surface potential <b>2016</b> ,		10
148	Persistence of chaos in a time-delayed-feedback controlled Duffing system. <i>Physical Review E</i> , <b>2006</b> , 73, 036209	2.4	10
147	DYNAMICAL BEHAVIOR OF FLYWHEEL ROTOR SUSPENDED BY HYSTERETIC FORCE OF HTSC MAGNETIC BEARING. <i>Journal of Sound and Vibration</i> , <b>1999</b> , 228, 871-887	3.9	10
146	Introduction to the focus issue: fifty years of chaos: applied and theoretical. <i>Chaos</i> , <b>2012</b> , 22, 047501	3.3	9
145	Characterization of the gate-voltage dependency of input capacitance in a SiC MOSFET. <i>IEICE Electronics Express</i> , <b>2010</b> , 7, 480-486	0.5	9
144	Verifying fault release control of power system via hybrid system reachability <b>2008</b> ,		9
143	Torque-based control of whirling motion in a rotating electric machine under mechanical resonance. <i>IEEE Transactions on Control Systems Technology</i> , <b>2003</b> , 11, 335-344	4.8	9
142	Enhanced Entrainment of Synchronous Inverters for Distributed Power Sources. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2007</b> , E90-A, 2516-2525	0.4	9
141	Reprogrammable logic-memory device of a mechanical resonator. <i>International Journal of Non-Linear Mechanics</i> , <b>2017</b> , 94, 406-416	2.8	8
140	Partitioning power grids via nonlinear Koopman Mode Analysis <b>2014</b> ,		8
139	Reading and writing operations of memory device in micro-electromechanical resonator. <i>IEICE Electronics Express</i> , <b>2012</b> , 9, 1230-1236	0.5	8
138	Characterization of a MEMS resonator with extended hysteresis. <i>IEICE Electronics Express</i> , <b>2011</b> , 8, 291-298		8
137	Predicting Voltage Instability of Power System via Hybrid System Reachability Analysis. <i>Proceedings of the American Control Conference</i> , <b>2007</b> ,	1.2	8
136	An expansion of system with time delayed feedback control into spatio-temporal state space. <i>Chaos</i> , <b>1999</b> , 9, 887-892	3.3	8
135	Realization of Autonomous Clock Synchronization for Power Packet Dispatching. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2015</b> , E98.A, 749-753	0.4	8
134	A high power curve tracer for characterizing full operational range of SiC power transistors <b>2016</b> ,		7
133	Global swing instability in the New England power grid model <b>2009</b> ,		7

132	Manipulation of single atoms by atomic force microscopy as a resonance effect. <i>Physical Review Letters</i> , <b>2009</b> , 102, 215502	7.4	7
131	Power Packetization and Routing for Smart Management of Electricity <b>2012</b> ,		7
130	Energy-based analysis of frequency entrainment described by van der Pol and phase-locked loop equations. <i>Chaos</i> , <b>2007</b> , 17, 023108	3.3	7
129	Experimental manipulation of intrinsic localized modes in macro-mechanical system. <i>Nonlinear Theory and Its Applications IEICE</i> , <b>2012</b> , 3, 233-245	0.6	6
128	High-temperature characteristics of SiC Schottky barrier diodes related to physical phenomena. <i>IEICE Electronics Express</i> , <b>2008</b> , 5, 198-203	0.5	6
127	Transient dynamics in electric power system with DC transmission: fractal growth in stability boundary. <i>IET Circuits, Devices and Systems</i> , <b>2005</b> , 152, 159		6
126	On Koopman and dynamic mode decompositions for application to dynamic data with low spatial dimension <b>2016</b> ,		6
125	Power packet dispatching with features on safety. <i>Nonlinear Theory and Its Applications IEICE</i> , <b>2016</b> , 7, 250-265	0.6	5
124	Trajectory control of manipulator fed by power packets. <i>International Journal of Circuit Theory and Applications</i> , <b>2017</b> , 45, 832-842	2	5
123	Power Conversion with SiC Devices at Extremely High Ambient Temperatures		5
122	BIFURCATION AND HUNTING PHENOMENA OF ROTATING SPEED IN A FLEXIBLE ROTOR SYSTEM CAUSED BY WHIRLING MOTION. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>1999</b> , 09, 1675-1684	2	5
121			5
120	Packet-based feedback control of electrical drive and its application to trajectory tracking of manipulator. <i>International Journal of Circuit Theory and Applications</i> , <b>2019</b> , 47, 612-632	2	4
119	The Three-Phase Power Router and Its Operation with Matrix Converter toward Smart-Grid Applications. <i>Energies</i> , <b>2015</b> , 8, 3034-3046	3.1	4
118	Multiscale modeling of in-room temperature distribution with human occupancy data: a practical case study. <i>Journal of Building Performance Simulation</i> , <b>2018</b> , 11, 145-163	2.8	4
117	AC/AC converter towards power routing systems in smart-grids: Advantage on operation by nonlinear dynamics <b>2013</b> ,		4
116	Close-Loop Angle Control of Stepper Motor Fed by Power Packets. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2017</b> , E100.A, 1571-1574	0.4	4
115	A study on trajectory control of manipulator using power packet dispatching <b>2015</b> ,		4

114	A flyback converter using power MOSFET to achieve high frequency operation beyond 13.56 MHz <b>2015,</b>		4
113	Coherent Swing Instability of Interconnected Power Grids and a Mechanism of Cascading Failure <b>2012, 185-202</b>		4
112	Hybrid controller for safe microgrid operation. <i>Nonlinear Theory and Its Applications IEICE</i> , <b>2011</b> , 2, 347-362		4
111	A study of SiC Power BJT performance and robustness. <i>Microelectronics Reliability</i> , <b>2011</b> , 51, 1773-1777	1.2	4
110	Characterization of punch-through phenomenon in SiC-SBD by capacitance-voltage measurement at high reverse bias voltage. <i>IEICE Electronics Express</i> , <b>2006</b> , 3, 379-384	0.5	4
109	WAVE AND BASIN STRUCTURE IN SPATIALLY COUPLED MAGNETO-ELASTIC BEAM SYSTEM □ TRANSITIONS BETWEEN COEXISTING WAVE SOLUTIONS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2001</b> , 11, 999-1018	2	4
108	Regulation of Parallel Converters with Respect to Stored Energy and Passivity Characteristics. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2011</b> , E94-A, 1010-1014	0.4	4
107	Stabilization of mode in imbalanced operation of matrix converter by time-delayed feedback control. <i>International Journal of Circuit Theory and Applications</i> , <b>2018</b> , 46, 2420-2433	2	4
106	Power packet transferability via symbol propagation matrix. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , <b>2018</b> , 474, 20170552	2.4	4
105	Power Regeneration From DC Motor With Bidirectional Router in Power Packet Dispatching System. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 3088-3092	3.5	3
104	High-speed driver for SiC MOSFET based on class-E inverter <b>2017,</b>		3
103	Harmonic Reduction and Chaotic Operation towards Application of AC/AC Converter with Feedback Control. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2014</b> , E97.A, 840-847	0.4	3
102	Nonlinear Dynamics in Atomic Force Microscopy and Its Control for Nanoparticle Manipulation <b>2010, 267-286</b>		3
101	The influence of parasitic components on power MOSFET switching operation in power conversion circuits. <i>IEICE Electronics Express</i> , <b>2009</b> , 6, 1697-1701	0.5	3
100	A study on electro thermal response of SiC power module during high temperature operation. <i>IEICE Electronics Express</i> , <b>2008</b> , 5, 597-602	0.5	3
99	A Linkage Method of Single Phase Photovoltaic Power System with Compensating Imbalance of Three Phase. <i>IEEJ Transactions on Industry Applications</i> , <b>2004</b> , 124, 215-222	0.2	3
98	Quantifying smoothing effects of wind power via Koopman mode decomposition: A numerical test with wind speed predictions in Japan. <i>Nonlinear Theory and Its Applications IEICE</i> , <b>2017</b> , 8, 342-357	0.6	3
97	Up-Stream Dispatching of Power by Density of Power Packet. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2016</b> , E99.A, 2581-2584	0.4	3

96	Start Control of Parametric Pendulum into Periodic Rotation. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2011</b> , 24, 54-60	0.1	3
95	Applications of Koopman Mode Decomposition to Modeling of Heat Transfer Dynamics in Building Atriums-I. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2017</b> , 53, 123-133	0.1	3
94	Design of 6.78 MHz SiC MOSFET Class-E Inverter with a Class- $\Pi$ High-Speed Driver <b>2019</b> ,		3
93	A Flyback Converter with SiC Power MOSFET Operating at 10 MHz: Reducing Leakage Inductance for Improvement of Switching Behaviors <b>2018</b> ,		3
92	Model for charging/discharging dynamics of cells in redox flow battery with transport delay. <i>Physica Scripta</i> , <b>2019</b> , 94, 095005	2.6	2
91	Direct drive of a buck converter by delta-sigma modulation at 13.56-MHz sampling <b>2017</b> ,		2
90	A study on close-loop control of manipulator by power packet density modulation <b>2017</b> ,		2
89	Direct matrix converter space vector modulation and dynamical model analysis towards steady state operation <b>2014</b> ,		2
88	Switching characteristics of lateral-type and vertical-type SiC JFETs depending on their internal parasitic capacitances. <i>IEICE Electronics Express</i> , <b>2010</b> , 7, 1051-1057	0.5	2
87	The Origin of Nonlinear Phenomena in TCR-SVC Associated With Parametric Excitation of Intrinsic Oscillation and External Excitation. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2008</b> , 55, 2952-2958	3.9	2
86	Simple circuit model of SiC pin diode composed by using experimental electrical characteristics. <i>IEICE Electronics Express</i> , <b>2005</b> , 2, 392-398	0.5	2
85			2
84	Parallelization of Boost and Buck Type DC-DC Converters by Individual Passivity-Based Control. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2020</b> , E103.A, 589-595	0.4	2
83	Bifurcation Phenomena of Hunting in Revolution Speed of a Rotor System with Elastic Shaft Caused by Whirling Motion. <i>IEEJ Transactions on Industry Applications</i> , <b>1998</b> , 118, 1266-1271	0.2	2
82	Physical Architecture and Model-Based Evaluation of Electric Power System with Multiple Homes. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2013</b> , E96.A, 1703-1711	0.4	2
81	Power Packet Dispatching With Shared Power Line: Experimental Verification for Industrial Applications. <i>IEEE Journal of Emerging and Selected Topics in Industrial Electronics</i> , <b>2021</b> , 2, 164-172	2.6	2
80	Parametric resonance of intrinsic localized modes in coupled cantilever arrays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2016</b> , 380, 2823-2827	2.3	2
79	Dynamics regularization with tree-like structures. <i>Applied Mathematical Modelling</i> , <b>2018</b> , 55, 205-223	4.5	2



78	Enhancement of Driving Capability of Gate Driver Using GaN HEMTs for High-Speed Hard Switching of SiC Power MOSFETs <b>2018</b> ,		2
77	Experimental Implementation of Power Packet Density Modulation to Close-loop Control of Manipulator <b>2018</b> ,		2
76	Energy absorption at synchronization in phase between coupled Duffing systems. <i>International Journal of Dynamics and Control</i> , <b>2015</b> , 3, 189-194	1.7	1
75	Power Packet Router With Power and Signal Switches for a Single Power Packet. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 3242-3246	3.5	1
74	Phase synchronization of autonomous AC grid system with passivity-based control. <i>International Journal of Circuit Theory and Applications</i> , <b>2020</b> , 48, 906-918	2	1
73	Multi-Way Partitioning of Power Networks via Koopman Mode Analysis. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 421-426	0.7	1
72	Tolerance of Delayed Feedback Control for Maintaining Periodic Rotation. <i>Procedia IUTAM</i> , <b>2012</b> , 5, 259-264		1
71	A Study on Intrinsic Localized Modes in a Macro-mechanical Cantilever Array with Tunable on-site Nonlinearity. <i>Procedia IUTAM</i> , <b>2012</b> , 5, 288-291		1
70	Special Section on Science and Technology for Smart Energy Management. <i>Nonlinear Theory and Its Applications IEICE</i> , <b>2011</b> , 2, 262-262	0.6	1
69	Characterization of synchronization in a unidirectionally coupled system of nonlinear micromechanical resonators. <i>Sensors and Actuators A: Physical</i> , <b>2011</b> , 171, 361-369	3.9	1
68	Coherent Swing Instability of power systems and cascading failures <b>2010</b> ,		1
67	Physical architectures and mathematical models for electric-power management of multiple homes <b>2011</b> ,		1
66	Dynamical behavior of fluxoid and arrangement of pinning center in superconductor based on TDGL equation. <i>Physica C: Superconductivity and Its Applications</i> , <b>2004</b> , 417, 7-16	1.3	1
65	Three-dimensional vibration of the rotor in the HTSC-permanent magnet flywheel system. <i>IEEE Transactions on Magnetics</i> , <b>1999</b> , 35, 4037-4039	2	1
64	. <i>IEEE Transactions on Industrial Electronics</i> , <b>1992</b> , 39, 392-397	8.9	1
63	. <i>IEEE Transactions on Magnetics</i> , <b>1988</b> , 24, 2186-2193	2	1
62	Read and Write Operations of Memory Device Consisting of Nonlinear MEMS Resonator. <i>IEICE Proceeding Series</i> , <b>2014</b> , 1, 352-355		1
61	Logical Behavior in Memory Devices of Coupled Nonlinear MEMS Resonators. <i>IEICE Proceeding Series</i> , <b>2014</b> , 2, 30-33		1

60	Symmetry recovery from the viewpoint of power and frequency by extended delay feedback control. <i>Nonlinear Theory and Its Applications IEICE</i> , <b>2019</b> , 10, 131-139	0.6	1
59	Voltage Instability Analysis via Hybrid System Reachability. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2008</b> , 21, 368-376	0.1	1
58	Spatio-Temporal Dynamics of Coupled Magneto-Elastic System. <i>Solid Mechanics and Its Applications</i> , <b>1999</b> , 523-531	0.4	1
57	Behavior of magnetic flux in a synchronous generator at transient state. Calculation method and experimental result.. <i>IEEJ Transactions on Industry Applications</i> , <b>1987</b> , 107, 628-634	0.2	1
56	Linear Drive Systems and their Related Technologies. An Experimental Study on Driving Characteristics of Attraction-type Magnetically Levitated Carrying System by LIM.. <i>IEEJ Transactions on Industry Applications</i> , <b>1995</b> , 115, 282-286	0.2	1
55	Battery-Based Output Smoothing Control of Electric Power System with Multiple Homes. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2015</b> , 28, 299-309	0.1	1
54	A Study on Linkage Control between Distributed Generation and Power System Network Based on Passivity Characteristics. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2012</b> , 25, 257-265	0.1	1
53	Analysis of transient behavior of SiC power MOSFETs based on surface potential model and its application to boost converter <b>2016</b> ,		1
52	Transient behavior of redox flow battery connected to circuit based on global phase structure. <i>Nonlinear Theory and Its Applications IEICE</i> , <b>2018</b> , 9, 137-147	0.6	1
51	Assessment of offshore wind farm characteristics with the cloud resolving storm simulator: A case study in Japan. <i>Wind Energy</i> , <b>2018</b> , 21, 531-543	3.4	1
50	Impulsive torque control of biped gait with power packets. <i>Nonlinear Dynamics</i> , <b>2020</b> , 102, 951-963	5	0
49	Nonlinear Control of Combined Heat and Power Plants in a Two-site Regional Energy System. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2017</b> , 30, 157-166	0.1	0
48	Stability of Two-Sites Regional Power and Heat Supply System Numerical Simulations under Step Change of Heat Transfer Reference. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2014</b> , 27, 452-460	0.1	0
47	Sustained Oscillation of an Inverter-Fed Induction Motor Drive System and its Stabilization. <i>Journal of Electrical Engineering and Technology</i> , <b>2006</b> , 1, 80-84	1.4	0
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