JoÃ£o Martins

List of Publications by Year
in descending order

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200	2,770	257450	223800
papers	citations	24 h-index	46 g-index

204	204	204	2797
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guest Editorial: Smart Meters in the Smart Grid of the Future. IEEE Transactions on Industrial Informatics, 2022, 18, 653-655.	11.3	6
2	Isolated High-Frequency Link PFC Rectifier With High Step-Down Factor and Reduced Energy Circulation. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2022, 3, 788-796.	3.9	12
3	Compensation of Unbalanced Low-Voltage Grids Using a Photovoltaic Generation System with a Dual Four-Leg, Two-Level Inverter. Electronics (Switzerland), 2022, 11, 320.	3.1	5
4	Improved direct torque control strategy for reducing torque ripple in switched reluctance motors. Journal of Power Electronics, 2022, 22, 603.	1.5	2
5	Transactive Energy: Power Electronics Challenges. IEEE Power Electronics Magazine, 2022, 9, 20-32.	0.7	10
6	Fault Resilience in Energy Community Microgrids. , 2022, , .		1
7	Exploring Electric Vehicles Energy Flexibility in Buildings. IFIP Advances in Information and Communication Technology, 2022, , 135-148.	0.7	2
8	Industrial Electronics Education: Past, Present, and Future Perspectives. IEEE Industrial Electronics Magazine, 2021, 15, 140-154.	2.6	7
9	Energy Community Flexibility Solutions to Improve Usersâ€™ Wellbeing. Energies, 2021, 14, 3403.	3.1	13
10	Residential energy flexibility characterization using non-intrusive load monitoring. Sustainable Cities and Society, 2021, 75, 103321.	10.4	13
11	Optimization and Implementation of the Proportional-Resonant Controller for Grid-Connected Inverter With Significant Computation Delay. IEEE Transactions on Industrial Electronics, 2020, 67, 1201-1211.	7.9	68
12	Characterisation and use of energy flexibility in water pumping and storage systems. Applied Energy, 2020, 277, 115587.	10.1	17
13	Implementation Framework for Energy Flexibility Technologies in Alkmaar and Ã‰vora. Energies, 2020, 13, 5811.	3.1	6
14	Control and operation of a threeâ€phase local energy router for prosumers in a smart community. IET Renewable Power Generation, 2020, 14, 560-570.	3.1	18
15	Reactive Power Compensation by ADRC in Vehicle To Grid Application during Grid Fault Conditions. , 2020, , .		1
16	Fault-Tolerant SRM Drive with a Diagnosis Method Based on the Entropy Feature Approach. Applied Sciences (Switzerland), 2020, 10, 3516.	2.5	13
17	Automated energy storage and curtailment system to mitigate distribution transformer aging due to high renewable energy penetration. Electric Power Systems Research, 2020, 182, 106199.	3.6	19
18	A Multilevel Fault-Tolerant Power Converter for a Switched Reluctance Machine Drive. IEEE Access, 2020, 8, 21917-21931.	4.2	29

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19	On the Electrostatic Inertia in Microgrids with Inverter-Based Generation Onlyâ€"An Analysis on Dynamic Stability. Energies, 2019, 12, 3274.	3.1	7
20	Photovoltaic Power Converter Management in Unbalanced Low Voltage Networks with Ancillary Services Support. Energies, 2019, 12, 972.	3.1	13
21	Smart Meters and Advanced Metering Infrastructure. , 2019, , 89-114.		12
22	Advantages of Minimizing Energy Exchange Instead of Energy Cost in Prosumer Microgrids. Energies, 2019, 12, 719.	3.1	29
23	A novel spilt-winding fault-tolerant approach for a Switched Reluctance Motor. , 2019, , .		1
24	A Survey on Power Grid Faults and Their Origins: A Contribution to Improving Power Grid Resilience. Energies, 2019, 12, 4667.	3.1	33
25	Optimal Charge/Discharge Scheduling of Batteries in Microgrids of Prosumers. IEEE Transactions on Energy Conversion, 2019, 34, 468-477.	5.2	64
26	Ontologizing the Heritage Building Domain. Lecture Notes in Computer Science, 2018, , 141-161.	1.3	4
27	Energy flexible buildings: An evaluation of definitions and quantification methodologies applied to thermal storage. Energy and Buildings, 2018, 166, 372-390.	6.7	145
28	Resilient and Immune by Design Microgrids Using Solid State Transformers. Energies, 2018, 11, 3377.	3.1	13
29	Energy Storage Systems to Prevent Distribution Transformers Overload with High NZEB Penetration. , 2018, , .		2
30	Intelligent Energy Storage Management System for Smart Grid Integration. , 2018, , .		5
31	Improved Forecasting-Based Battery Energy Management Strategy for Prosumer Systems. , 2018, , .		1
32	On the use of IEC 61850-90-7 for Smart Inverters Integration. , 2018, , .		1
33	Sustainable Heritage Management Towards Mass Tourism Impact: the HERIT-DATA project. , 2018, , .		2
34	An Ontology-Based Cybersecurity Framework for the Internet of Things. Sensors, 2018, 18, 3053.	3.8	64
35	A case study on the impact of nearly Zero-Energy Buildings on distribution transformer aging. Energy, 2018, 157, 669-678.	8.8	17
36	Laboratory Setup for Induction Motor Fault Detection Teaching. , 2018, , .		1

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37	Single-phase qZS-based PV inverter with integrated battery storage for distributed energy generation. , 2018, , .		4
38	Smart Tourism Routes Based on Real Time Data and Evolutionary Algorithms. Lecture Notes in Computer Science, 2018, , 417-426.	1.3	4
39	An Application to Improve Smart Heritage City Experience. Lecture Notes in Computer Science, 2018, , 89-103.	1.3	6
40	Interdisciplinarity of Cultural Heritage Conservation Making and Makers: Through Diversity Towards Compatibility of Approaches. Lecture Notes in Computer Science, 2018, , 623-638.	1.3	5
41	Metadata Standards for Virtual Museums. Lecture Notes in Computer Science, 2018, , 483-497.	1.3	1
42	Performance Assessment of Tank Fluid Purging and Night Cooling as Overheating Prevention Techniques for Photovoltaic-Thermal (PV-T) Solar Water Heating Systems. IFIP Advances in Information and Communication Technology, 2017, , 337-347.	0.7	0
43	Performance and feasibility analysis of electricity price based control models for thermal storages in households. Sustainable Cities and Society, 2017, 32, 366-374.	10.4	15
44	Towards the use of Unbundle Smart Meter for advanced inverters integration. , 2017, , .		4
45	A methodology to assess home PV capacity to mitigate wind power forecasting errors. , 2017, , .		0
46	Hybrid AC and DC smart home resilient architecture Transforming prosumers in UniRCons. , 2017, , .		7
47	Resilient Prosumer Scenario in a Changing Regulatory Environmentâ€"The UniRCon Solution. Energies, 2017, 10, 1941.	3.1	9
48	Fostering innovation cooperative energy storage systems: The Storage4Grid project. , 2017, , .		0
49	Modeling and semi-active control for a low power and free-yaw drive HAWT. , 2017, , .		2
50	Smart-meter in power quality. , 2017, , .		3
51	Software-driven active customer interface for DER integration. CIRED - Open Access Proceedings Journal, 2017, 2017, 2003-2006.	0.1	1
52	Supporting market solutions by calculating ancillary services and quality of service with metrology meters. , 2016, , .		1
53	A cooperative net zero energy community to improve load matching. Renewable Energy, 2016, 93, 1-13.	8.9	85
54	Comparative Analysis of Overheating Prevention and Stagnation Handling Measures for Photovoltaic-thermal (PV-T) Systems. Energy Procedia, 2016, 91, 346-355.	1.8	18

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55	Field-based models for low speed switched reluctance machine designs. , 2016, , .		0
56	Induction motor broken bar fault detection based on MCSA, MSCSA and PCA: A comparative study. , 2016, , .		9
57	A Literature Review of Methodologies Used to Assess the Energy Flexibility of Buildings. Energy Procedia, 2016, 91, 1053-1058.	1.8	60
58	Metrology based calculation of voltage control services provided by advanced power generation modules. , 2016, , .		2
59	AC losses in Bi-2223 Single-Pancake Coils From 72 to 1152 Hzâ€"Modeling and Measurements. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-7.	1.7	5
60	Load forecast on intelligent buildings based on temporary occupancy monitoring. Energy and Buildings, 2016, 116, 512-521.	6.7	20
61	A fuzzy clustering approach to a demand response model. International Journal of Electrical Power and Energy Systems, 2016, 81, 184-192.	5.5	22
62	Quasi-Z-Source Inverter With a T-Type Converter in Normal and Failure Mode. IEEE Transactions on Power Electronics, 2016, 31, 7462-7470.	7.9	102
63	Training Schools for Conservation of Cultural Heritage: Between Expertise, Management and Education. Lecture Notes in Computer Science, 2016, , 880-890.	1.3	2
64	New Operation Strategy for a Grid-Connected Three-Phase Three-Level NPC qZS Inverter Based on Power Losses. Elektronika Ir Elektrotechnika, 2016, 22, .	0.8	1
65	Automating remote grid acceptance and energy services tests suited for large deployments of PV systems in active distribution networks. , 2015, , .		3
66	A new teaching tool to enhance power quality assessment. , 2015, , .		1
67	Scale models formulation of switched reluctance generators for low speed energy converters. IET Electric Power Applications, 2015, 9, 652-659.	1.8	20
68	Design of an agent-based simulator for real-time estimation of power consumption/generation in residential buildings. , 2015, , .		3
69	Android-based m-learning remote system for mobile power quality assessment in large buildings with renewable energies. , 2015, , .		0
70	A transformerless power electronic converter topology for PDLC applications. , 2015, , .		0
71	A modeling scheme for the Le Blanc transformer. , 2015, , .		0
72	Consumer energy management system with integration of smart meters. Energy Reports, 2015, 1, 22-29.	5.1	62

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73	Double Three-phase Induction Machine Modeling for Internal Faults Simulation. Electric Power Components and Systems, 2015, 43, 1610-1620.	1.8	3
74	Photovoltaics in Microgrids: An Overview of Grid Integration and Energy Management Aspects. IEEE Industrial Electronics Magazine, 2015, 9, 33-46.	2.6	148
75	Contactless Loop Method for Measurement of AC Losses in HTS Coils. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	7
76	Detection of stator winding fault in induction motors using a motor square current signature analysis (MSCSA). , 2015, , .		21
77	Integration of Evora-InovGrid smartmeters in a consumer's SCADA system. , 2015, , .		0
78	A control strategy for a grid-connected PV system with unbalanced loads compensation. , 2015, , .		9
79	Short flux-paths in switched reluctance generators for direct drive wind energy converters. , 2015, , .		6
80	Three-phase three-level neutral-point-clamped qZ source inverter with active filtering capabilities. , 2015, , .		4
81	Power quality assessment in LV networks using new smart meters design. , 2015, , .		11
82	Integration of SMES devices in power systems - opportunities and challenges. , 2015, , .		7
83	Grid interaction analysis of solar water heating photovoltaic-thermal (PV-T) systems with thermal storage tanks and electrical auxiliary heaters. , 2015, , .		0
84	Improved Operation of an UPQC by addition of a Superconducting Magnetic Energy Storage system. , 2015, , .		3
85	Smart grid security issues. , 2015, , .		30
86	Development of a computational tool for simulating inductive superconducting fault current limiters. , 2015, , .		1
87	Towards Cloud-Based Engineering Systems. IFIP Advances in Information and Communication Technology, 2015, , 3-10.	0.7	0
88	Combined Operation of an Unified Power Quality Conditioner and a Superconducting Magnetic Energy Storage System for Power Quality Improvement. IFIP Advances in Information and Communication Technology, 2015, , 374-382.	0.7	1
89	Power quality and long life education. , 2014, , .		1
90	A neuro-fuzzy based system for fault detection and diagnosis of 3-phase PFC rectifier. , 2014, , .		3

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91	A ZigBee wireless domotic system with Bluetooth interface. , 2014, , .		6
92	Standard-based service-oriented infrastructure to integrate intelligent buildings in distributed generation and smart grids. Energy and Buildings, 2014, 76, 450-458.	6.7	25
93	Fault diagnosis in six-phase induction motor using a current trajectory mass center. Measurement: Journal of the International Measurement Confederation, 2014, 51, 164-173.	5.0	11
94	A new teaching tool for fault detection in the induction machine. , 2014, , .		0
95	Multilevel power converter with a dual T-type three level inverter for energy storage. , 2014, , .		3
96	Fuzzy clustering applied to a demand response model in a smart grid contingency scenario. , 2014, , .		3
97	Hybrid low-power Wind Generation and PV gridconnected system with HPC, PC and MPPT control. , 2014, , .		1
98	Power converter interfaces for electrochemical energy storage systems â€“ A review. Energy Conversion and Management, 2014, 86, 453-475.	9.2	211
99	Analysis of the effects of asymmetric faults in three-phase superconducting inductive fault current limiters. Journal of Physics: Conference Series, 2014, 507, 032036.	0.4	5
100	AC Losses and Material Degradation Effects in a Superconducting Tape for SMES Applications. IFIP Advances in Information and Communication Technology, 2014, , 417-424.	0.7	4
101	An Innovator Nonintrusive Method for Disaggregating and Identifying Two Simultaneous Household Loads. IFIP Advances in Information and Communication Technology, 2014, , 297-304.	0.7	0
102	A Study on Superconducting Coils for Superconducting Magnetic Energy Storage (SMES) Applications. IFIP Advances in Information and Communication Technology, 2013, , 449-456.	0.7	3
103	Low-power home PV systems with MPPT and PC control modes. , 2013, , .		22
104	A Fast Algorithm for Initial Design of HTS Coils for SMES Applications. IEEE Transactions on Applied Superconductivity, 2013, 23, 4900104-4900104.	1.7	12
105	Locating and monitoring tenants in PV based buildings. , 2013, , .		1
106	Motor square current signature analysis for induction motor rotor diagnosis. Measurement: Journal of the International Measurement Confederation, 2013, 46, 942-948.	5.0	69
107	Control of an electromagnetic aircraft launch system based on a superconducting linear synchronous motor. , 2013, , .		0
108	Contributing to the Internet of Things. IFIP Advances in Information and Communication Technology, 2013, , 3-12.	0.7	19

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109	Active power electronic transformer as a power conditioner for nonlinear loads. , 2013, , .		4
110	A control structure for a photovoltaic supply system with power compensation characteristics suitable for smart grid topologies. , 2013, , .		9
111	Active power electronic transformer based on modular building blocks. , 2013, , .		2
112	A standard-based software infrastructure to support weather forecasting in distributed energy systems. , 2013, , .		0
113	Low-power wind generation grid-connected system with MPPT and PC control. , 2013, , .		0
114	Energy consumption evaluation to reduce manufacturing costs. , 2013, , .		3
115	Towards a service bus for distributed manufacturing. , 2013, , .		0
116	Community and Residential Energy Storage in Smart Grids. IFIP Advances in Information and Communication Technology, 2013, , 315-322.	0.7	3
117	Fault Detection and Diagnosis in Induction Machines: A Case Study. IFIP Advances in Information and Communication Technology, 2013, , 279-286.	0.7	4
118	A novel nonintrusive load monitoring system based on the S-Transform. , 2012, , .		18
119	Fault detection and diagnosis of grid-connected power inverters using PCA and current mean value. , 2012, , .		15
120	State of the art of active power electronic transformers for smart grids. , 2012, , .		13
121	Fault detection and diagnosis of six-phase voltage source inverter using trajectory mass current center. , 2012, , .		3
122	Towards an energy model for supporting real time building energy management. , 2012, , .		1
123	A photovoltaic string architecture with multiple single-phase inverter modules. , 2012, , .		0
124	Towards to a Web Service alert software system for standard electrical protective devices. , 2012, , .		1
125	Smart homes and smart buildings. , 2012, , .		9
126	Controlling a power converter as a photovoltaic power source and compensator in smart-grids. , 2012, , .		2

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127	The application of S-transform in fault detection and diagnosis of grid-connected power inverters. , 2012, , .		2
128	Lumped Parameters Equivalent Circuit of a Superconducting Hysteresis Motor. Physics Procedia, 2012, 36, 975-979.	1.2	0
129	Solar Trigeneration System Model for Off-Grid Residential Applications. International Federation for Information Processing, 2012, , 375-384.	0.4	6
130	Fault detection and diagnosis of voltage source inverter using the 3D current trajectory mass center. , 2012, , .		5
131	Rotor fault diagnosis in induction motors using S-Transform. , 2012, , .		1
132	Dual-inverter for grid-connected photovoltaic system: Modeling and sliding mode control. Solar Energy, 2012, 86, 2106-2115.	6.1	66
133	Development of an experimental system for teaching induction motors with fault detection and diagnosis capabilities. Computer Applications in Engineering Education, 2012, 20, 611-618.	3.4	8
134	Raising Awareness for Value Creation Potential in Engineering Research. International Federation for Information Processing, 2012, , 3-6.	0.4	1
135	A standard-based software infrastructure to support energy efficiency using renewable energy sources. , 2011, , .		9
136	A modular multilevel power converter system for photovoltaic applications. , 2011, , .		5
137	Fault diagnosis method for three-phase high power factor rectifier based on a pattern recognition algorithm. , 2011, , .		1
138	The use of IEC 61131-3 to enhance PLC control and Matlab/Simulink process simulations. , 2011, , .		5
139	Home energy saving adviser system. , 2011, , .		2
140	New real coordinates model for an asymmetrical six-phase induction machine. , 2011, , .		1
141	Three-phase multilevel inverter based on LeBlanc transformer. , 2011, , .		7
142	Research and Development of Alternative Concepts in HTS Machines. IEEE Transactions on Applied Superconductivity, 2011, 21, 1141-1145.	1.7	6
143	Experimental Characterization of a Conventional (Aluminum) and of a Superconducting (YBCO) Axial Flux Disc Motor. IEEE Transactions on Applied Superconductivity, 2011, 21, 1146-1150.	1.7	3
144	A design criteria for torque ripple reduction in Switched Reluctance Generators. , 2011, , .		4

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145	Power quality disturbances classification using the 3-D space representation and PCA based neuro-fuzzy approach. Expert Systems With Applications, 2011, 38, 11911-11917.	7.6	35
146	Induction motor fault detection and diagnosis using a current state space pattern recognition. Pattern Recognition Letters, 2011, 32, 321-328.	4.2	26
147	DPWS as Specific Communication Service Mapping for IEC 61850. , 2011, , .		10
148	A PV/T and Heat Pump Based Trigeneration System Model for Residential Applications. , 2011, , .		3
149	Sustainable Housing Techno-Economic Feasibility Application. International Federation for Information Processing, 2011, , 445-454.	0.4	0
150	Axial Disc Motor Experimental Analysis Based in Steinmetz Parameters. International Federation for Information Processing, 2011, , 529-536.	0.4	0
151	Power Quality Disturbances Recognition Based on Grammatical Inference. International Federation for Information Processing, 2011, , 474-480.	0.4	0
152	Towards a service based infrastructure to improve efficiency into energy systems: the NEMO&CODED quest. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 162-167.	0.4	5
153	Eigenvector/eigenvalue analysis of a 3D current referential fault detection and diagnosis of an induction motor. Energy Conversion and Management, 2010, 51, 901-907.	9.2	42
154	Energy Production System Management â€“ Renewable energy power supply integration with Building Automation System. Energy Conversion and Management, 2010, 51, 1120-1126.	9.2	93
155	Development of a mobile learning framework for an analog electronics course. , 2010, , .		7
156	Implementation of an electrical theory mobile learning course. , 2010, , .		1
157	Flux-linkage characteristics models for Switched Reluctance Machines. , 2010, , .		4
158	Energy Consumption Monitoring System for Large Complexes. IFIP Advances in Information and Communication Technology, 2010, , 419-426.	0.7	6
159	An Analog Electronics Mobile Course with a Competitive Learning Approach. International Journal of Interactive Mobile Technologies, 2010, 4, 37.	1.2	4
160	Disc Motor: Conventional and Superconductor Simulated Results Analysis. IFIP Advances in Information and Communication Technology, 2010, , 505-512.	0.7	2
161	Unity power factor isolated three-phase buck-boost rectifier based on scott transformer. , 2009, , .		2
162	Conventional and HTS disc motor with pole variation control. , 2009, , .		5

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163	An Eigenvalue/Eigenvector 3D current reference method for detection and fault diagnosis in a voltage source inverter. , 2009, , .		11
164	Rotor cage fault diagnosis in three-phase induction motors based on a current and virtual flux approach. Energy Conversion and Management, 2009, 50, 1026-1032.	9.2	36
165	From controlled dynamical systems to context-dependent grammars: A connectionist approach. Engineering Applications of Artificial Intelligence, 2009, 22, 192-200.	8.1	0
166	Stator winding fault diagnosis in induction motors using the dq current trajectory mass center. , 2009, , .		11
167	MATLAB/SIMULINK based teaching system for a Stand-Alone Energy System Supported by totally renewable hydrogen production. , 2009, , .		3
168	PLC control and Matlab/Simulink simulations. A translation approach. , 2009, , .		9
169	Grammatical flux estimator for sensorless ac-drives. , 2009, , .		0
170	Plug-in electric vehicles integration with renewable energy building facility - building/vehicle interface. , 2009, , .		6
171	Modeling for computer simulation as a tool for the teaching of transient power systems. , 2009, , .		6
172	Dynamic voltage restorer using a new compensation voltage control and converter based input-output linearization. , 2008, , .		1
173	Design and Implementation of a Reconfigurable Remote Laboratory, Using Oscilloscope/PLC Network for WWW Access. IEEE Transactions on Industrial Electronics, 2008, 55, 2425-2432.	7.9	42
174	Induction Motor Broken Bars Online Detection. , 2008, , .		5
175	Web based teaching of electrical drives using a mechanical load simulator. , 2008, , .		6
176	A formal language approach in fault location on distribution power systems. , 2008, , .		0
177	PLC controlled industrial processes on-line simulator. , 2007, , .		9
178	A Single Stage Flyback PFC Converter for Testing Distance Relay Systems. , 2007, , .		4
179	On-line diagnosis of three-phase closed loop induction motor drives using an eigenvalue αβ-vector approach. , 2007, , .		0
180	Image Processing to a Neuro-Fuzzy Classifier for Detection and Diagnosis of Induction Motor Stator Fault. , 2007, , .		12

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181	Statistic Moment Based Method for the Detection and Diagnosis of Induction Motor Stator Fault. , 2007, , .		4
182	Entropy-Based Choice of a Neural Network Drive Model. IEEE Transactions on Industrial Electronics, 2007, 54, 110-116.	7.9	6
183	Unsupervised Neural-Network-Based Algorithm for an On-Line Diagnosis of Three-Phase Induction Motor Stator Fault. IEEE Transactions on Industrial Electronics, 2007, 54, 259-264.	7.9	184
184	PCA-Based On-Line Diagnosis of Induction Motor Stator Fault Feed by PWM Inverter. , 2006, , .		12
185	An average values global model for the switched reluctance machine. Mathematics and Computers in Simulation, 2006, 71, 466-475.	4.4	1
186	Short-term load forecast using trend information and process reconstruction. International Journal of Energy Research, 2006, 30, 811-822.	4.5	18
187	DYNAMICS AND CODING OF A BIOLOGICALLY-MOTIVATED NETWORK. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2006, 16, 383-394.	1.7	1
188	Synchronous motor drive modeling using entropy-based process reconstruction. , 2005, , .		0
189	A neural space vector fault location for parallel double-circuit distribution lines. International Journal of Electrical Power and Energy Systems, 2005, 27, 225-231.	5.5	19
190	On-line diagnosis of three-phase induction using an eigenvalue /spl alpha//spl beta/-vector approach. , 2005, , .		0
191	Language identification of controlled systems: modeling, control, and anomaly detection. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2001, 31, 234-242.	2.9	15
192	NEURAL NETWORKS AND LOGICAL REASONING SYSTEMS: A TRANSLATION TABLE. International Journal of Neural Systems, 2001, 11, 179-186.	5.2	8
193	New trends in recognizing experimental drives: fuzzy logic and formal language theories. IEEE Transactions on Fuzzy Systems, 2001, 9, 68-87.	9.8	11
194	A novel and simple current controller for three-phase PWM power inverters. IEEE Transactions on Industrial Electronics, 1998, 45, 802-804.	7.9	40
195	Recognising patterns in electromechanical systems. Pattern Recognition Letters, 1997, 18, 1335-1346.	4.2	1
196	A comparative study of a PI, neural network and fuzzy genetic approach controllers for an AC-drive. , 0, , .		9
197	Formal language control of induction motor drives. , 0, , .		0
198	Supervision language control of electromechanical drives. , 0, , .		0

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199	A network distribution power system fault location based on neural eigenvalue algorithm. , 0, , .		14
200	Energy consumption awareness in manufacturing and production systems. International Journal of Computer Integrated Manufacturing, 0, , 1-12.	4.6	5