

# Om Parkash Malik

## List of Publications by Year in descending order

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198  
papers

4,742  
citations

101384

36  
h-index

138251

58  
g-index

200  
all docs

200  
docs citations

200  
times ranked

2082  
citing authors

#	ARTICLE	IF	CITATIONS
1	High Impedance Fault Detection Based on Wavelet Transform and Statistical Pattern Recognition. IEEE Transactions on Power Delivery, 2005, 20, 2414-2421.	2.9	176
2	Multiple Model Predictive Control for Wind Turbines With Doubly Fed Induction Generators. IEEE Transactions on Sustainable Energy, 2011, 2, 215-225.	5.9	169
3	Transmission Line Distance Protection Based on Wavelet Transform. IEEE Transactions on Power Delivery, 2004, 19, 515-523.	2.9	153
4	An artificial neural network based adaptive power system stabilizer. IEEE Transactions on Energy Conversion, 1993, 8, 71-77.	3.7	146
5	Wind Energy Conversion Using A Self-Excited Induction Generator. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1983, PAS-102, 3933-3936.	0.4	142
6	An Adaptive Synchronous Machine Stabilizer. IEEE Transactions on Power Systems, 1986, 1, 101-107.	4.6	132
7	Improved operation of differential protection of power transformers for internal faults. IEEE Transactions on Power Delivery, 1992, 7, 1912-1919.	2.9	126
8	Identification of Physical Parameters of a Synchronous Generator From Online Measurements. IEEE Transactions on Energy Conversion, 2004, 19, 407-415.	3.7	111
9	A Spring Search Algorithm Applied to Engineering Optimization Problems. Applied Sciences (Switzerland), 2020, 10, 6173.	1.3	105
10	An adaptive power system stabilizer based on the self-optimizing pole shifting control strategy. IEEE Transactions on Energy Conversion, 1993, 8, 639-645.	3.7	104
11	Protection of Parallel Transmission Lines Using Wavelet Transform. IEEE Transactions on Power Delivery, 2004, 19, 49-55.	2.9	100
12	Comprehensive Control Strategy for a Variable Speed Cage Machine Wind Generation Unit. IEEE Transactions on Energy Conversion, 2005, 20, 415-423.	3.7	84
13	An adaptive power system stabilizer based on recurrent neural networks. IEEE Transactions on Energy Conversion, 1997, 12, 413-418.	3.7	81
14	A technique for optimal digital redesign of analog controllers. IEEE Transactions on Control Systems Technology, 1997, 5, 89-99.	3.2	78
15	A new digital directional transverse differential current protection technique. IEEE Transactions on Power Delivery, 1996, 11, 1285-1291.	2.9	73
16	A fuzzy logic based power system stabilizer with learning ability. IEEE Transactions on Energy Conversion, 1996, 11, 721-727.	3.7	73
17	Studies for identification of the inrush based on improved correlation algorithm. IEEE Transactions on Power Delivery, 2002, 17, 901-907.	2.9	69
18	Power system stabilizer design using $\hat{1}/4$ synthesis. IEEE Transactions on Energy Conversion, 1995, 10, 175-181.	3.7	68

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19	An adaptive power system stabilizer using on-line trained neural networks. IEEE Transactions on Energy Conversion, 1997, 12, 382-387.	3.7	68
20	Sampled Data Automatic Generation Control Analysis with Reheat Steam Turbines and Governor Dead-Band Effects. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1984, PAS-103, 1045-1051.	0.4	63
21	Implementation of a fuzzy logic PSS using a micro-controller and experimental test results. IEEE Transactions on Energy Conversion, 1996, 11, 91-96.	3.7	63
22	Excitation Control of Synchronous Generators Using Adaptive Regulators Part I-Theory and Simulation Results. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1984, PAS-103, 897-903.	0.4	60
23	Hilbert Huang Transform Based Online Differential Relay Algorithm for a Shunt-Compensated Transmission Line. IEEE Transactions on Power Delivery, 2018, 33, 2803-2811.	2.9	56
24	A digital protection technique for parallel transmission lines using a single relay at each end. IEEE Transactions on Power Delivery, 1992, 7, 118-125.	2.9	55
25	Application of an inverse input/output mapped ANN as a power system stabilizer. IEEE Transactions on Energy Conversion, 1994, 9, 433-441.	3.7	55
26	Artificial neural network power system stabilizers in multi-machine power system environment. IEEE Transactions on Energy Conversion, 1995, 10, 147-155.	3.7	55
27	Power transformer differential protection using current and voltage ratios. Electric Power Systems Research, 2018, 154, 140-150.	2.1	55
28	Simulation of internal faults in synchronous generators. IEEE Transactions on Energy Conversion, 1999, 14, 1306-1311.	3.7	54
29	Neurofuzzy Power System Stabilizer. IEEE Transactions on Energy Conversion, 2008, 23, 887-894.	3.7	53
30	A self-tuning controller for the control of multi-machine power systems. IEEE Transactions on Power Systems, 1988, 3, 1065-1071.	4.6	47
31	Generalized Neuron-Based Adaptive PSS for Multimachine Environment. IEEE Transactions on Power Systems, 2005, 20, 358-366.	4.6	47
32	Optimal Sizing and Placement of Capacitor Banks and Distributed Generation in Distribution Systems Using Spring Search Algorithm. International Journal of Emerging Electric Power Systems, 2020, 21, .	0.6	47
33	An artificial neural network based digital differential protection scheme for synchronous generator stator winding protection. IEEE Transactions on Power Delivery, 1999, 14, 86-93.	2.9	43
34	A New "Doctor and Patient" Optimization Algorithm: An Application to Energy Commitment Problem. Applied Sciences (Switzerland), 2020, 10, 5791.	1.3	42
35	Vehicle-To-Grid Technology in a Micro-grid Using DC Fast Charging Architecture. , 2019, , .		41
36	Application of neural adaptive power system stabilizer in a multi-machine power system. IEEE Transactions on Energy Conversion, 1999, 14, 731-736.	3.7	39

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37	Multiple model MIMO predictive control for variable speed variable pitch wind turbines. , 2010, , .		38
38	Laboratory Investigation of Using Wi-Fi Protocol for Transmission Line Differential Protection. IEEE Transactions on Power Delivery, 2009, 24, 1087-1094.	2.9	37
39	Experimental results on the implementation of an optimal control for synchronous machines. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1975, 94, 1192-1200.	0.4	36
40	A synchronous generator fuzzy excitation controller optimally designed with a genetic algorithm. IEEE Transactions on Power Systems, 1998, 13, 884-889.	4.6	36
41	Transmission Line Distance Relaying Using On-Line Trained Neural Networks. IEEE Transactions on Power Delivery, 2005, 20, 1257-1264.	2.9	36
42	Synchronous Generator Model Identification for Control Application Using Volterra Series. IEEE Transactions on Energy Conversion, 2005, 20, 852-858.	3.7	36
43	High speed transmission system directional protection using an Elman network. IEEE Transactions on Power Delivery, 1998, 13, 1040-1045.	2.9	35
44	Feature extraction of rotor fault based on EEMD and curve code. Measurement: Journal of the International Measurement Confederation, 2019, 135, 712-724.	2.5	35
45	Feature extraction using adaptive multiwavelets and synthetic detection index for rotor fault diagnosis of rotating machinery. Mechanical Systems and Signal Processing, 2015, 52-53, 393-415.	4.4	34
46	Binary Spring Search Algorithm for Solving Various Optimization Problems. Applied Sciences (Switzerland), 2021, 11, 1286.	1.3	34
47	An H/sub 2/ optimal adaptive power system stabilizer. IEEE Transactions on Energy Conversion, 2002, 17, 143-149.	3.7	33
48	Some issues on the practical use of recursive least squares identification in self-tuning control. International Journal of Control, 1991, 53, 1021-1033.	1.2	32
49	Direct neural adaptive control applied to synchronous generator. IEEE Transactions on Energy Conversion, 1999, 14, 1341-1346.	3.7	31
50	DGO: Dice Game Optimizer. Gazi University Journal of Science, 2019, 32, 871-882.	0.6	31
51	Fast generator protection against internal asymmetrical faults. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1977, 96, 1498-1506.	0.4	30
52	On-line identification of synchronous generator using neural networks. , 0, , .		30
53	A NEW METHODOLOGY CALLED DICE GAME OPTIMIZER FOR CAPACITOR PLACEMENT IN DISTRIBUTION SYSTEMS. Electrical Engineering & Electromechanics, 2020, .	0.4	29
54	An adaptive power system stabilizer using on-line self-learning fuzzy systems. , 0, , .		28

#	ARTICLE	IF	CITATIONS
55	DM: Dehghani Method for Modifying Optimization Algorithms. Applied Sciences (Switzerland), 2020, 10, 7683.	1.3	28
56	Development of Time-Frequency Based Approach to Detect High Impedance Fault in an Inverter Interfaced Distribution System. IEEE Transactions on Power Delivery, 2021, 36, 3825-3833.	2.9	28
57	High speed transmission line directional protection evaluation using field data. IEEE Transactions on Power Delivery, 1999, 14, 851-856.	2.9	26
58	Adaptive PSS using a simple on-line identifier and linear pole-shift controller. Electric Power Systems Research, 2010, 80, 406-416.	2.1	26
59	Self-Tuning Microprocessor Universal Controller. IEEE Industrial Electronics Magazine, 1982, IE-29, 31-38.	2.3	25
60	A New Internal Fault Detection and Classification Technique for Synchronous Generator. IEEE Transactions on Power Delivery, 2019, 34, 739-749.	2.9	25
61	Digital Control Scheme for a Generating Unit. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1973, PAS-92, 478-483.	0.4	23
62	A Multi-Micro-Computer based Dual-Rate Self-Tuning Power System Stabilizer. IEEE Transactions on Energy Conversion, 1987, EC-2, 355-360.	3.7	23
63	Implementation and laboratory test results of an Elman network-based transmission line directional relay. IEEE Transactions on Power Delivery, 1999, 14, 782-788.	2.9	23
64	Enhancement of power system dynamic performance through an on-line self-tuning adaptive SVC controller. Electric Power Systems Research, 2006, 76, 801-807.	2.1	23
65	Design of an Adaptive PSS Based on Recurrent Adaptive Control Theory. IEEE Transactions on Energy Conversion, 2009, 24, 884-892.	3.7	23
66	Experimental Studies With a Generalized Neuron-Based Power System Stabilizer. IEEE Transactions on Power Systems, 2004, 19, 1445-1453.	4.6	22
67	Experimental results of a supplementary technique for auto-reclosing EHV/UHV transmission lines. IEEE Transactions on Power Delivery, 2002, 17, 702-707.	2.9	20
68	Performance of a Generalized Neuron-Based PSS in a Multimachine Power System. IEEE Transactions on Energy Conversion, 2004, 19, 625-632.	3.7	20
69	Self-tuned Power System Stabilizer Based on a Simple Fuzzy Logic Controller. Electric Power Components and Systems, 2010, 38, 407-423.	1.0	20
70	Integrated Transverse Differential Protection Scheme for Double-Circuit Lines on the Same Tower. IEEE Transactions on Power Delivery, 2018, 33, 2161-2169.	2.9	20
71	ENERGY COMMITMENT: A PLANNING OF ENERGY CARRIER BASED ON ENERGY CONSUMPTION. Electrical Engineering & Electromechanics, 2019, .	0.4	20
72	A Digital Device to Measure Angular Speed and Torque Angle. IEEE Transactions on Industrial Electronics and Control Instrumentation, 1975, IECI-22, 186-188.	0.2	19

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73	Tests with a microcomputer based adaptive synchronous machine stabilizer on a 400 MW thermal unit. IEEE Transactions on Energy Conversion, 1993, 8, 6-12.	3.7	19
74	Thermal model based digital relaying algorithm for induction motor protection. , 0, , .		19
75	Quartile Based Differential Protection of Power Transformer. IEEE Transactions on Power Delivery, 2020, 35, 2447-2458.	2.9	19
76	Fuzzy logic field oriented control of double star induction motor drive. Electrical Engineering, 2017, 99, 495-503.	1.2	18
77	Integrated approach based third zone protection during stressed system conditions. Electric Power Systems Research, 2018, 161, 199-211.	2.1	18
78	Genetic Algorithm for Energy Commitment in a Power System Supplied by Multiple Energy Carriers. Sustainability, 2020, 12, 10053.	1.6	18
79	Energy management system for two islanded interconnected micro-grids using advanced evolutionary algorithms. Electric Power Systems Research, 2021, 192, 106958.	2.1	18
80	Transient stability and optimal control of parallel A.C.-D.C. power systems. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1976, 95, 811-820.	0.4	17
81	Amplitude Comparator Based Algorithm for Directional Comparison Protection of Transmission Lines. IEEE Power Engineering Review, 1989, 9, 46-47.	0.1	17
82	GO: Group Optimization. Gazi University Journal of Science, 2020, 33, 381-392.	0.6	17
83	Wavelet based scheme for detection of torsional oscillation. IEEE Transactions on Power Systems, 2002, 17, 1096-1101.	4.6	16
84	Energy Commitment for a Power System Supplied by Multiple Energy Carriers System using Following Optimization Algorithm. Applied Sciences (Switzerland), 2020, 10, 5862.	1.3	16
85	Fault diagnosis of rotor using EMD thresholding-based de-noising combined with probabilistic neural network. Journal of Vibroengineering, 2017, 19, 5920-5931.	0.5	16
86	Excitation Control of Synchronous Generators Using Adaptive Regulators-Part II Implementation and Test Results. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1984, PAS-103, 904-910.	0.4	14
87	Intelligent SVC control for transient stability enhancement. , 0, , .		14
88	Third zone protection to discriminate symmetrical fault and stressed system conditions. International Transactions on Electrical Energy Systems, 2019, 29, e12121.	1.2	14
89	Accurate Parameter Estimation of a Hydro-Turbine Regulation System Using Adaptive Fuzzy Particle Swarm Optimization. Energies, 2019, 12, 3903.	1.6	14
90	Real-time implementation and experimental studies of a neural adaptive power system stabilizer. IEEE Transactions on Energy Conversion, 1999, 14, 737-742.	3.7	13

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91	Experimental Studies of a Generalized Neuron Based Adaptive Power System Stabilizer. Soft Computing, 2007, 11, 149-155.	2.1	13
92	Experimental studies with power system stabilizers on a physical model of a multimachine power system. IEEE Transactions on Power Systems, 1996, 11, 807-812.	4.6	12
93	Fuzzy logic power system stabilizer based on genetically optimized adaptive network. Fuzzy Sets and Systems, 1999, 102, 31-40.	1.6	12
94	Intelligent automatic generation of graphical one-line substation arrangement diagrams. IEEE Transactions on Power Delivery, 2003, 18, 729-735.	2.9	12
95	Coordinated design of fuzzy supplementary controllers for generator and STATCOM voltage regulators using bat algorithm optimization. International Transactions on Electrical Energy Systems, 2016, 26, 1847-1862.	1.2	12
96	Design and implementation of power system stabilizers based on evolutionary algorithms. , 2009, , .		11
97	DTO: Donkey Theorem Optimization. , 2019, , .		11
98	Digital technique for impedance protection of transmission lines. Canadian Electrical Engineering Journal, 1976, 1, 8-12.	0.1	10
99	MIMO self-tuning power system stabilizer. International Journal of Control, 1991, 54, 815-829.	1.2	10
100	Adaptive-network-based fuzzy logic power system stabilizer. , 0, , .		10
101	A novel approach for auto-reclosing EHV/UHV transmission lines. IEEE Transactions on Power Delivery, 2000, 15, 908-912.	2.9	10
102	Laboratory Investigation of a Distance-Protection Technique for Double Circuit Lines. IEEE Transactions on Power Delivery, 2004, 19, 1629-1635.	2.9	10
103	Evolution of Power Systems into Smarter Networks. Journal of Control, Automation and Electrical Systems, 2013, 24, 139-147.	1.2	10
104	Study of characteristics of wind turbine PMSG with reduced switches count converters. , 2013, , .		10
105	Study of the Impact of Switching Transient Overvoltages on Ferroresonance of CCVT in Series and Shunt Compensated Power Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 5032-5041.	7.2	10
106	Adaptive Third-Zone Distance Protection Scheme for Power System Critical Conditions. IEEE Transactions on Power Delivery, 2021, 36, 1401-1410.	2.9	10
107	Solution of non-linear optimization problems in power systems. International Journal of Control, 1973, 17, 1041-1058.	1.2	9
108	On-line self-tuning adaptive control of an inverter in a grid-tied micro-grid. Electric Power Systems Research, 2020, 178, 106045.	2.1	9

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109	KPCA and AE Based Local-Global Feature Extraction Method for Vibration Signals of Rotating Machinery. Mathematical Problems in Engineering, 2020, 2020, 1-17.	0.6	9
110	Studies on an SCR Controlled Variable Speed DC Shunt Motor. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1974, PAS-93, 785-792.	0.4	8
111	A Computer Study of a Pid Automatic Voltage Regulator Part II: Digital Pid Voltage Regulator With Dynamically Varying Weighting Parameters. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1983, PAS-102, 972-980.	0.4	8
112	Fuzzy logic based identifier and pole-shifting controller for PSS application. , 0, , .		8
113	Adaptive distance relaying technique using on-line trained neural network. , 0, , .		8
114	Experimental results of ratios-based transformer differential protection scheme. International Transactions on Electrical Energy Systems, 2019, 29, e12114.	1.2	8
115	Ratios-based universal differential protection algorithm for power transformer. Electric Power Systems Research, 2020, 186, 106383.	2.1	8
116	Hardware implementation of an improved control strategy for battery-supercapacitor hybrid system in electric vehicles. IET Electrical Systems in Transportation, 2020, 10, 204-212.	1.5	8
117	Synchrophasor Assisted Power Swing Detection Scheme for Wind Integrated Transmission Network. IEEE Transactions on Power Delivery, 2022, 37, 1952-1962.	2.9	8
118	Closed Loop Optimization of Power Systems with Two-Axis Excitation Control. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1973, PAS-92, 167-176.	0.4	7
119	Design and test results of a software based digital AVR. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1976, 95, 634-642.	0.4	7
120	POWER GENERATION CONTROL USING DUAL-MODE CONTROL. Electric Power Components and Systems, 1984, 9, 335-345.	0.1	7
121	Scheme for Accelerated Trip for Faults in the Second Zone of Protection of a Transmission Line. IEEE Power Engineering Review, 1989, 9, 53-54.	0.1	7
122	Wavelet transform approach to distance protection of transmission lines. , 2001, , .		7
123	Performance of sequence directional elements on MOV protected series compensated transmission lines. European Transactions on Electrical Power, 2002, 12, 53-61.	1.0	7
124	RLS and Kalman Filter Identifiers Based Adaptive SVC Controller. , 2007, , .		7
125	Experimental Platform for Controlled Faults on Synchronous Generator Armature Windings. IEEE Transactions on Energy Conversion, 2012, 27, 948-957.	3.7	7
126	Failure rate estimation of power transformers using inspection data. , 2016, , .		7



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127	Feature Extraction Based on Adaptive Multiwavelets and LTSA for Rotating Machinery Fault Diagnosis. Shock and Vibration, 2019, 2019, 1-15.	0.3	7
128	Adaptive control strategy for improved dynamic performance of two islanded inter-connected micro-grids. International Journal of Electrical Power and Energy Systems, 2021, 126, 106562.	3.3	7
129	Voltage-Assisted Sequence Current-Based Pilot Relaying for Lines With/Without TCSC. IEEE Transactions on Power Delivery, 2022, 37, 1502-1512.	2.9	7
130	Fuzzy PI controller-based model reference adaptive control for voltage control of two connected micro-grids. IET Generation, Transmission and Distribution, 2021, 15, 602-618.	1.4	7
131	Microprocessor-Based Universal Regulator Using Dual-Rate Sampling. IEEE Transactions on Industrial Electronics, 1984, IE-31, 306-312.	5.2	6
132	Self-learning adaptive-network-based fuzzy logic power system stabilizer. , 0, , .		6
133	An optimal adaptive power system stabilizer. , 0, , .		6
134	Battery Energy Storage for Frequency Support in the BCS Electric Power System. , 2018, , .		6
135	A self-tuning PID voltage regulator for synchronous generators. Canadian Electrical Engineering Journal, 1983, 8, 18-27.	0.1	5
136	A microprocessor-based duplex fault-tolerant controller for industrial process control. Canadian Journal of Electrical and Computer Engineering, 1991, 16, 68-73.	1.5	5
137	Simulation of internal faults in synchronous generators. , 0, , .		5
138	A robust Power system stabilizer design. Optimal Control Applications and Methods, 1997, 18, 179-193.	1.3	5
139	Harmonic Optimization in Voltage Source Inverter for PV Application using Heuristic Algorithms. International Journal of Emerging Electric Power Systems, 2016, 17, 671-682.	0.6	5
140	Intelligent control of a brushless doubly-fed induction generator. International Journal of Systems Assurance Engineering and Management, 2019, 10, 326-338.	1.5	5
141	Integrated Wide-Area Backup Protection Algorithm During Stressed Power System Condition in Presence of Wind Farm. Arabian Journal for Science and Engineering, 2021, 46, 9363-9376.	1.7	5
142	Synchronous machine field time constant regulator. Proceedings of the IEEE, 1973, 61, 1152-1153.	16.4	4
143	Probability Distributions of Active Power Demand a Design Approach. IEEE Transactions on Power Delivery, 1986, 1, 197-202.	2.9	4
144	Adaptive fuzzy control of SSSC to improve damping of power system oscillations. , 2006, , .		4

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145	ACO-Initialized Wavelet Neural Network for Vibration Fault Diagnosis of Hydroturbine Generating Unit. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-7.	0.6	4
146	Identification of closed-loop non-linear systems with structure optimization. <i>Transactions of the Institute of Measurement and Control</i> , 2016, 38, 182-191.	1.1	4
147	High speed accurate transmission line distance protection using ANNs. , 2001, , .		3
148	Genetic algorithm approach for adaptive data window distance relaying. , 0, , .		3
149	Nonlinear state space identification of a synchronous generator. , 0, , .		3
150	Singular Value Decomposition as a Measure for Control Structure Design in Power Systems. <i>Electric Power Components and Systems</i> , 2004, 32, 295-307.	1.0	3
151	Generalized Neuron Based Power System Stabilizer. <i>Electric Power Components and Systems</i> , 2004, 32, 467-490.	1.0	3
152	Application of Neural Networks in Transmission Line Protection. <i>IEEE Power Engineering Society General Meeting</i> , 2007, , .	0.0	3
153	Synchronous machine model identification using continuous wavelet NARX network. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2009, 223, 467-477.	0.7	3
154	Solving Economic Dispatch Problem Using a New Hybrid PSO-ALO Algorithm. , 2020, , .		3
155	Rooted Tree Optimization Algorithm to Improve DTC Response of DFIM. <i>Journal of Electrical Engineering and Technology</i> , 2021, 16, 2463-2483.	1.2	3
156	Probability Technique to Predict Power Demand of Excavator Group. <i>IEEE Transactions on Industry Applications</i> , 1986, IA-22, 91-96.	3.3	2
157	Microprocessor-based universal adaptive controllers. <i>Canadian Electrical Engineering Journal</i> , 1986, 11, 159-164.	0.1	2
158	ADAPTIVE CONTROL OF A LABORATORY POWER SYSTEM. <i>Electric Power Components and Systems</i> , 1989, 17, 53-64.	0.1	2
159	Expert Systems in Electric Power Systems a Bibliographical Survey. <i>IEEE Power Engineering Review</i> , 1989, 9, 33-33.	0.1	2
160	Implementation of adaptive speed control algorithms for diesel-driven power plants on a digital signal processor. <i>International Journal of Control</i> , 1994, 60, 467-481.	1.2	2
161	Unity power factor operation for 3-phase induction motors. , 0, , .		2
162	Synchronous generator model identification using Volterra series. , 0, , .		2

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163	Algorithm to Prevent Breaker-Failure Protection Maloperation Due to Subsidence Current. IEEE Transactions on Industry Applications, 2021, 57, 3487-3499.	3.3	2
164	Taylor series based protection starting element for STATCOM compensated transmission line. Electric Power Systems Research, 2022, 204, 107700.	2.1	2
165	High Speed Digital Directional Comparison Relaying. Electric Power Components and Systems, 1988, 15, 353-369.	0.1	1
166	DIGITAL FILTERING METHODS IN MICROPROCESSOR BASED PROTECTIVE RELAYING. Electric Power Components and Systems, 1990, 18, 193-208.	0.1	1
167	Analysis of the effect of regulators on power system damping using a sensitivity technique. Canadian Journal of Electrical and Computer Engineering, 1992, 17, 71-77.	1.5	1
168	Performance evaluation of a new transmission line directional module using field data. , 0, , .		1
169	Online trained neuro-controller with a modified error function. , 0, , .		1
170	Real-time optimal excitation controller using system identification. Australian Journal of Electrical and Electronics Engineering, 2004, 1, 7-13.	0.7	1
171	Relative gain array and singular value decomposition in determination of PSS location. European Transactions on Electrical Power, 2005, 15, 397-412.	1.0	1
172	GA-identifier and predictive controller for multi-machine power system. , 2006, , .		1
173	ADALINE Network Based Adaptive Controller for STATCOM. , 2006, , .		1
174	Nonlinear state space modeling of a variable speed wind power generation system. , 2006, , .		1
175	Protection of parallel transmission lines using Wi-Fi protocol. , 2008, , .		1
176	Adaptive neuro-fuzzy controller based on simplified ANFIS network. , 2012, , .		1
177	Simultaneous tuning of fuzzy power system stabilizers using Bat optimization Algorithm. , 2015, , .		1
178	Assessment of inertial and primary frequency control from wind power plants in the Mexican electric power grid. Wiley Interdisciplinary Reviews: Energy and Environment, 2019, 8, e356.	1.9	1
179	Global Trends and Advances Towards a Smarter Grid and Smart Cities. Future Internet, 2020, 12, 37.	2.4	1
180	Performance of Ratiosâ€Based Transformer Differential Protection Scheme in the Presence of Resistive Superconductor Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-10.	1.1	1

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181	Efficient Self-Tuned Fuzzy Logic Based Power System Stabilizer. Electric Power Components and Systems, 2021, 49, 79-93.	1.0	1
182	Effect of control circuits on power system optimization. Canadian Electrical Engineering Journal, 1977, 2, 37-43.	0.1	0
183	A Computer Study of a PID Automatic Voltage Regulator, Part II: Digital PID Voltage Regulator with Dynamically Varying Weighting Parameters. IEEE Power Engineering Review, 1983, PER-3, 38-38.	0.1	0
184	Probabilistic approach to sizing electrical equipment for excavators in open-pit mines. International Journal of Mining, Reclamation and Environment, 1987, 1, 61-66.	0.1	0
185	Theory and Method for Selection of Power System Stabilizer Location. IEEE Power Engineering Review, 1991, 11, 45.	0.1	0
186	A dynamic emulator for power system control applications. , 0, , .		0
187	Experimental studies with a neural network eased power system stabilizer. , 0, , .		0
188	Direct neural adaptive control applied to synchronous generator. , 0, , .		0
189	Implementation and laboratory test results of an Elman network-based transmission line directional relay. , 1999, , .		0
190	High speed transmission line directional protection evaluation using field data. , 1999, , .		0
191	Discussion of "Artificial neural network approach to single-ended fault locator for transmission lines. IEEE Transactions on Power Systems, 2001, 16, 949-950.	4.6	0
192	On-line trained neuro-fuzzy distance relay with directional element. , 0, , .		0
193	Discussion of "Adaptive Noncommunication Protection of Double Circuit Line Systems" IEEE Transactions on Power Delivery, 2005, 20, 538-538.	2.9	0
194	Impedance algorithm for protection of power transformers. , 2008, , .		0
195	Exponential stabilization of LPV systems: An LMI approach. Canadian Conference on Electrical and Computer Engineering, 2008, , .	0.0	0
196	Closed-loop non-parametric model identification of synchronous generator using NARX polynomials. International Transactions on Electrical Energy Systems, 2015, 25, 2639-2656.	1.2	0
197	Impact Assessment of a VSC-HVDC Link on the Oscillation Modes of a Multi-machine System. , 2018, , .		0
198	A New Internal Fault Detection and Classification Technique for Synchronous Generator. , 2019, , .		0