

# Abhisek Ukil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8665389/publications.pdf>

Version: 2024-02-01

186  
papers

4,126  
citations

136950

32  
h-index

144013

57  
g-index

189  
all docs

189  
docs citations

189  
times ranked

3498  
citing authors

#	ARTICLE	IF	CITATIONS
1	Model Predictive Control Based Dynamic Power Loss Prediction for Hybrid Energy Storage System in DC Microgrids. IEEE Transactions on Industrial Electronics, 2022, 69, 8080-8090.	7.9	16
2	Adaptive Solid-State Circuit Breaker Without Varistors in VSC-Interfaced DC System. IEEE Transactions on Industrial Electronics, 2022, 69, 4824-4835.	7.9	9
3	Fault Location Estimation in Voltage-Source-Converter-Based DC System: The $\$L\$$ Location. IEEE Transactions on Industrial Electronics, 2022, 69, 11198-11209.	7.9	2
4	Optimizing the overall performance of forced extraction systems: A multi-objective framework. Building and Environment, 2022, , 109214.	6.9	0
5	Transient analysis in multi-terminal voltage source converter based direct current system: Median mode decomposition. International Journal of Electrical Power and Energy Systems, 2022, 142, 108323.	5.5	0
6	Improved S Transform-Based Fault Detection Method in Voltage Source Converter Interfaced DC System. IEEE Transactions on Industrial Electronics, 2021, 68, 5024-5035.	7.9	31
7	Hybrid Maximum Power Point Tracking Method Based on Iterative Learning Control and Perturb & Observe Method. IEEE Transactions on Sustainable Energy, 2021, 12, 659-670.	8.8	35
8	Rising and falling edge compensation based faster control strategy for hybrid energy storage system in PV microgrid. Electric Power Systems Research, 2021, 190, 106856.	3.6	6
9	Nonlinear Excitation Control of Diesel Generator: A Command Filter Backstepping Approach. IEEE Transactions on Industrial Informatics, 2021, 17, 4809-4817.	11.3	15
10	Design of ANFIS Controller for a DC Microgrid. , 2021, , .		4
11	Nonlinear rotor side converter control of DFIG based wind energy system. Electric Power Systems Research, 2021, 198, 107358.	3.6	19
12	Model Predictive and Iterative Learning Control Based Hybrid Control Method for Hybrid Energy Storage System. IEEE Transactions on Sustainable Energy, 2021, 12, 2146-2158.	8.8	42
13	Hilbertâ€™Huang Transform Based Transient Analysis in Voltage Source Converter Interfaced Direct Current System. IEEE Transactions on Industrial Electronics, 2021, 68, 11014-11025.	7.9	19
14	Fault detection method using high-pass filtering in VSC based multi-terminal DC system. International Journal of Electrical Power and Energy Systems, 2021, 132, 107207.	5.5	7
15	Distributed Co-ordinated Consensus Control for Multi-Energy Storage of DC Microgrid. , 2021, , .		2
16	Hybrid Maximum Power Point Tracking Method Based on Iterative Learning Control and Perturb & Observe Method. , 2021, , .		20
17	Modeling of Room Temperature Dynamics for Efficient Building Energy Management. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 717-725.	9.3	19
18	Smart I/O Modules for Mitigating Cyber-Physical Attacks on Industrial Control Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 4659-4669.	11.3	31

#	ARTICLE	IF	CITATIONS
19	Consensus-Based Control of Hybrid Energy Storage System With a Cascaded Multiport Converter in DC Microgrids. IEEE Transactions on Sustainable Energy, 2020, 11, 2356-2366.	8.8	36
20	Reinforcement Learning Controllers for Enhancement of Low Voltage Ride Through Capability in Hybrid Power Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 5023-5031.	11.3	25
21	Ampacity Estimation for Submarine Power Cables Installed in Saturated Seabed Experimental Studies. IEEE Transactions on Industry Applications, 2020, 56, 6229-6237.	4.9	10
22	Fault Analysis and Protection System Design for DC Grids. Power Systems, 2020, , .	0.5	10
23	Design of Experiment and Fault Studies. Power Systems, 2020, , 325-354.	0.5	1
24	Time-Frequency Domain Analysis: Wavelet-Transform Based Fault Detection. Power Systems, 2020, , 223-242.	0.5	2
25	Non-unit Protection Strategies for DC Power Systems. Power Systems, 2020, , 243-270.	0.5	0
26	Modeling and Control of Generation System for DC Grid Applications. Power Systems, 2020, , 83-122.	0.5	0
27	Introduction to DC Grid. Power Systems, 2020, , 1-37.	0.5	0
28	Components and Architectures of DC Grid for Various Applications. Power Systems, 2020, , 39-81.	0.5	0
29	Introduction to Directional Protection and Communication Assisted Protection Systems. Power Systems, 2020, , 271-302.	0.5	0
30	Frequency-Domain Based Fault Detection: Application of Short-Time Fourier Transform. Power Systems, 2020, , 195-221.	0.5	3
31	Fault Isolation in DC Grids. Power Systems, 2020, , 303-324.	0.5	0
32	Zero Iteration Model Predictive Control for Hybrid Energy Storage System with Dual Batteries. , 2020, , .		0
33	Energy Management of Islanded Interconnected Dual Community Microgrids. , 2020, , .		2
34	Detection Method Based on Median Mode Decomposition in Multi-terminal DC System. , 2020, , .		0
35	Modelling of Electric Vehicle Charging and Discharging Profile to Mimic Real life Scenario at Charging Stations. , 2020, , .		0
36	DC Marine Power System: Transient Behavior and Fault Management Aspects. IEEE Transactions on Industrial Informatics, 2019, 15, 1911-1925.	11.3	34

#	ARTICLE	IF	CITATIONS
37	PQ Control-based Novel Passive Islanding Detection Method for Renewable Energy Application. , 2019, , .		2
38	Voltage Sensitivity Analysis and Demand Dispatch Option of Electric Vehicle in Smart Grid. , 2019, , .		2
39	Joint Control of Three-Level DC-DC Converter Interfaced Hybrid Energy Storage System in DC Microgrids. IEEE Transactions on Energy Conversion, 2019, 34, 2248-2257.	5.2	33
40	Power systems frequency estimation using amplitude tracking square wave for low-end protective relays. Measurement: Journal of the International Measurement Confederation, 2019, 141, 70-84.	5.0	6
41	Hybrid energy storage system using bidirectional single-inductor multiple-port converter with model predictive control in DC microgrids. Electric Power Systems Research, 2019, 173, 38-47.	3.6	46
42	Direct Measurement Combined with S Transform Based Fault Detection Method on Radial-bus Multi-terminal DC System. , 2019, , .		0
43	Fault Detection in Ring-bus Multi-terminal DC System Based on Modified S Transform. , 2019, , .		2
44	Fault Detection in HVDC Transmission Line by S-Transform Technique. , 2019, , .		3
45	Fault Detection and Locating Using Electromagnetic Time Reversal (EMTR) Technique for HVDC Transmission Network. , 2019, , .		2
46	Vanadium Redox & Lithium Ion Based Multi-Battery Hybrid Energy Storage System for Microgrid. , 2019, , .		1
47	Wind Energy Integration Using Hybrid Energy Storage System in East Nusa Tenggara, Indonesia. , 2019, , .		2
48	Optimal Method of Electric Vehicle Charging and Discharging with Voltage Sensitivity Analysis in Distribution Grid. , 2019, , .		2
49	Energy Management of a Dual Hybrid Energy Storage System of PV Microgrids in Grid-connected Mode Based on Adaptive PQ Control. , 2019, , .		5
50	Parameter Estimation of Thermal Model of a Building: A Meta-Heuristic Approach. , 2019, , .		1
51	Grid Integration and Demand Response Management of Geothermal Power Plant with Hybrid Energy Storage System in Indonesia. , 2019, , .		1
52	Flow-Based Estimation and Comparative Study of Gas Demand Profile for Residential Units in Singapore. IEEE Transactions on Sustainable Energy, 2019, 10, 1120-1128.	8.8	6
53	Comparative Performance Analysis of Induction and Synchronous Reluctance Motors in Chiller Systems for Energy Efficient Buildings. IEEE Transactions on Industrial Informatics, 2019, 15, 4384-4393.	11.3	37
54	Dynamic evolution control based power sharing method for hybrid energy storage system. IET Power Electronics, 2019, 12, 276-283.	2.1	14

#	ARTICLE	IF	CITATIONS
55	Deadbeat Control for Hybrid Energy Storage Systems in DC Microgrids. IEEE Transactions on Sustainable Energy, 2019, 10, 1867-1877.	8.8	65
56	Agent-Based Aggregated Behavior Modeling for Electric Vehicle Charging Load. IEEE Transactions on Industrial Informatics, 2019, 15, 856-868.	11.3	130
57	Energy Management and Control for Grid Connected Hybrid Energy Storage System Under Different Operating Modes. IEEE Transactions on Smart Grid, 2019, 10, 1626-1636.	9.0	134
58	Short-Circuit Fault Management in DC Electric Ship Propulsion System: Protection Requirements, Review of Existing Technologies and Future Research Trends. IEEE Transactions on Transportation Electrification, 2018, 4, 272-291.	7.8	97
59	Time- and Frequency-Domain Fault Detection in a VSC-Interfaced Experimental DC Test System. IEEE Transactions on Industrial Informatics, 2018, 14, 4353-4364.	11.3	75
60	Short-Time Fourier Transform Based Transient Analysis of VSC Interfaced Point-to-Point DC System. IEEE Transactions on Industrial Electronics, 2018, 65, 4080-4091.	7.9	140
61	Experimental Validation of Fault Identification in VSC-Based DC Grid System. IEEE Transactions on Industrial Electronics, 2018, 65, 4799-4809.	7.9	81
62	Toward Threat of Implementation Attacks on Substation Security: Case Study on Fault Detection and Isolation. IEEE Transactions on Industrial Informatics, 2018, 14, 2442-2451.	11.3	54
63	Hybrid Optimization for Economic Deployment of ESS in PV-Integrated EV Charging Stations. IEEE Transactions on Industrial Informatics, 2018, 14, 106-116.	11.3	262
64	Validation of Faster Joint Control Strategy for Battery- and Supercapacitor-Based Energy Storage System. IEEE Transactions on Industrial Electronics, 2018, 65, 3286-3295.	7.9	146
65	Capacitive discharge based transient analysis with fault detection methodology in DC system. International Journal of Electrical Power and Energy Systems, 2018, 97, 127-137.	5.5	33
66	Ampacity and Electro-Magnetic Modeling for High-Voltage Subsea Cables Installed in Saturated Seabed. , 2018, , .		0
67	Enhanced Hierarchical Control of Hybrid Energy Storage System in Microgrids. , 2018, , .		4
68	Fuzzy Logic Controller for Efficient Energy Management of a PV System with HESS. , 2018, , .		8
69	Ampacity Estimation for HV Submarine Power Cables Installed in Saturated Seabed. , 2018, , .		4
70	Implementation of a Cost Effective Gas Pipeline Monitoring System for Water Ingress Detection. , 2018, , .		0
71	Comparison of Current-Only Directional Protection in AC and DC Power Systems. , 2018, , .		4
72	Energy Efficiency in Variable Speed Centrifugal Chiller Systems Driven by Synchronous Reluctance Motors. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
73	Q-learning and Dynamic Fuzzy Q-learning Based Intelligent Controllers for Wind Energy Conversion Systems. , 2018, , .		14
74	Control and Coordination of Hybrid AC/DC Microgrid. , 2018, , .		7
75	Multi-Objective Optimal Sensor Placement for Low-Pressure Gas Distribution Networks. IEEE Sensors Journal, 2018, 18, 6660-6668.	4.7	12
76	Design, Analysis, and Comparison of Automatic Flux Regulator With Automatic Voltage Regulator-Based Generation System for DC Marine Vessels. IEEE Transactions on Transportation Electrification, 2018, 4, 694-706.	7.8	14
77	Leak detection in low-pressure gas distribution networks by probabilistic methods. Journal of Natural Gas Science and Engineering, 2018, 58, 69-79.	4.4	16
78	Application of two stage rate limit control for different operating modes of battery. , 2017, , .		2
79	Water Ingress Detection in Low-Pressure Gas Pipelines Using Distributed Temperature Sensing System. IEEE Sensors Journal, 2017, 17, 3165-3173.	4.7	28
80	A Method for Incipient Interturn Fault Detection and Severity Estimation of Induction Motors Under Inherent Asymmetry and Voltage Imbalance. IEEE Transactions on Transportation Electrification, 2017, 3, 703-715.	7.8	30
81	Analysis and validation of wavelet transform based DC fault detection in HVDC system. Applied Soft Computing Journal, 2017, 61, 17-29.	7.2	63
82	Design of safety critical substation earthing system based on soil characteristics. , 2017, , .		4
83	DC Grid Voltage Regulation Using New HESS Control Strategy. IEEE Transactions on Sustainable Energy, 2017, 8, 772-781.	8.8	144
84	A Digital Method of Power-Sharing and Cross-Regulation Suppression for Single-Inductor Multiple-Input Multiple-Output DC-DC Converter. IEEE Transactions on Industrial Electronics, 2017, 64, 2836-2847.	7.9	75
85	Optimization of Charge/Discharge Rates of a Battery Using a Two-Stage Rate-Limit Control. IEEE Transactions on Sustainable Energy, 2017, 8, 516-529.	8.8	51
86	Experimental Validation of Leak and Water-Ingression Detection in Low-Pressure Gas Pipeline Using Pressure and Flow Measurements. IEEE Sensors Journal, 2017, 17, 6734-6742.	4.7	12
87	A low complexity control and energy management for DC-coupled hybrid microgrid with hybrid energy storage system. , 2017, , .		3
88	A new control approach for PV system with hybrid energy storage system. , 2017, , .		7
89	A DC microgrid integrated dynamic voltage restorer with model predictive control. , 2017, , .		10
90	Enumerated-MPC-based dynamic voltage restorer using Lc filter with damping resistor. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
91	Modeling and analysis of HV cable ampacity for power flow optimization. , 2017, , .		2
92	Modeling and Real-Time Scheduling of DC Platform Supply Vessel for Fuel Efficient Operation. IEEE Transactions on Transportation Electrification, 2017, 3, 762-778.	7.8	35
93	Approximate-model-based predictive current control for buck converter in CCM. , 2017, , .		1
94	Interturn fault and condition identification in BLSG using multiple indicator approach. , 2017, , .		0
95	A control architecture for optimal power sharing among interconnected microgrids. , 2017, , .		2
96	A stand-alone hybrid pv/fuel cell power system using single-inductor dual-input single-output boost converter with model predictive control. , 2017, , .		6
97	LVRT capability enhancement for grid connected distributed synchronous generators using switch-in braking resistors. , 2017, , .		3
98	Fault identification in AC and DC systems using stft analysis of high frequency components. , 2017, , .		5
99	An isolated bipolar DC-DC converter for energy storage integration in marine vessels. , 2017, , .		5
100	Water ingress detection in low-pressure gas pipelines using vibration sensors. , 2017, , .		2
101	Modelling of DC shipboard power system. , 2016, , .		9
102	Protection of MVDC shipboard power system using Rogowski coil. , 2016, , .		5
103	Bayesian detection of leaks in gas distribution networks. , 2016, , .		3
104	Suitability of Rogowski coil for DC shipboard protection. , 2016, , .		5
105	Fault location estimation for VSC-HVDC system using Artificial Neural Network. , 2016, , .		12
106	Comparative evaluation of power loss in HVAC and HVDC transmission systems. , 2016, , .		39
107	Modeling diesel generators for weak and strong grid conditions: Emphasis on LVRT compliance. , 2016, , .		0
108	Analysis of ambient temperature effects and airflow rate for energy efficient HVAC in buildings. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
109	Modeling and performance assessment of pontoon roller wave energy converter in Singapore. , 2016, , .		1
110	Frequency converter based tuned high voltage AC transmission: Design and Implementation Issues. , 2016, , .		1
111	Virtual synchronous generators as potential solution for electricity Grid compliance studies. , 2016, , .		3
112	Inter-turn fault and condition identification in induction machines using multiple indicator approach. , 2016, , .		1
113	Detection of direction change in prefault current in current-only directional overcurrent protection. , 2016, , .		2
114	Development of low voltage ride-through capability curve for grid connected diesel engine generators. , 2016, , .		2
115	Design of fuzzy logic based controller for energy efficient operation in building. , 2016, , .		3
116	STFT analysis of high frequency components in transient signals in multi-terminal HVDC system. , 2016, , .		10
117	Leak detection in natural gas distribution pipeline using distributed temperature sensing. , 2016, , .		4
118	Directional protection scheme for MVDC shipboard power system. , 2016, , .		17
119	Microgrid frequency stabilization using model predictive controller. , 2016, , .		8
120	Flux estimation based dc bus voltage control in marine dc power system. , 2016, , .		9
121	Energy management of AC-DC microgrid under grid-connected and islanded modes. , 2016, , .		3
122	Cable ampacity calculation and analysis for power flow optimization. , 2016, , .		5
123	Leak detection in gas distribution pipelines using acoustic impact monitoring. , 2016, , .		20
124	Testbed for real-time monitoring of leak in low pressure gas pipeline. , 2016, , .		6
125	Circulating current controller in dq reference frame for MMC based HVDC system. , 2016, , .		4
126	Energy storage management for EV charging stations: Comparison between uncoordinated and statistical charging loads. , 2016, , .		9



#	ARTICLE	IF	CITATIONS
127	Distributed fiber optics techniques for gas network monitoring. , 2016, , .		10
128	Fault detection in HVDC system using Short Time Fourier Transform. , 2016, , .		34
129	Pressure and flow variation in gas distribution pipeline for leak detection. , 2016, , .		12
130	A multiple indicator approach for FDI of inter-turn fault in induction machines. , 2016, , .		0
131	FLoGPN: A reputation based scheme for fault localization in gas pipeline network. , 2016, , .		0
132	TOU pricing based energy management of public EV charging stations using energy storage system. , 2016, , .		9
133	Fault and load change differentiation in High Voltage Direct Current (HVDC) system. , 2016, , .		4
134	Efficiency comparison of DC and AC microgrid. , 2015, , .		43
135	Computational fluid dynamics-based thermal modeling for efficient building energy management. , 2015, , .		4
136	Building HVAC load profiling using EnergyPlus. , 2015, , .		6
137	Variable two stage rate-limit control for battery energy storage system. , 2015, , .		1
138	Condition monitoring and diagnostics for automotive applications. , 2015, , .		1
139	Application of HESS for PV system with modified control strategy. , 2015, , .		6
140	Theoretical analysis of tuned HVAC line for low loss long distance bulk power transmission. International Journal of Electrical Power and Energy Systems, 2015, 73, 433-437.	5.5	4
141	Modeling and validation of electrical load profiling in residential buildings in Singapore. , 2015, , .		4
142	Evaluation of Low Voltage Ride-Through capability of synchronous generator connected to a grid. , 2015, , .		7
143	Framework for multipoint sensing simulation for energy efficient HVAC operation in buildings. , 2015, , .		7
144	A closed-form solution to fault parameter estimation and faulty phase identification of stator winding inter-turn fault in induction machines. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
145	On asymptotic merit factor of low autocorrelation binary sequences. , 2015, , .		3
146	Differentiation of fault and load change in HVDC system using Amplitude Tracking Square Wave. , 2015, , .		10
147	Protection strategies for LVDC distribution system. , 2015, , .		19
148	Modeling and Validation of Electrical Load Profiling in Residential Buildings in Singapore. IEEE Transactions on Power Systems, 2015, 30, 2800-2809.	6.5	120
149	NPC photovoltaic grid-connected inverter using proportional-resonant controller. , 2014, , .		12
150	Simulation and analysis of faults in high voltage DC (HVDC) power transmission. , 2014, , .		28
151	Wavelet based fault analysis in HVDC system. , 2014, , .		32
152	NPC photovoltaic grid-connected inverter using proportional-resonant controller. , 2014, , .		2
153	Model-based failure prediction for electric machines using particle filter. , 2014, , .		6
154	Short-circuit protection for MV & LVDC grid. , 2014, , .		14
155	Disturbance detection in the MV and the LV distribution networks using time-domain method. , 2014, , .		3
156	Automated analysis of power systems disturbance records: Smart Grid big data perspective. , 2014, , .		31
157	Load profiling of Singapore buildings for peak shaving. , 2014, , .		9
158	Monitoring of HV Generator Circuit Breaker Contact Ablation Based on Acoustic Emission. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 2683-2693.	4.7	27
159	Neural Network-Based Active Learning in Multivariate Calibration. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 1763-1771.	2.9	9
160	Time-domain estimation of sub-harmonic sinusoidal disturbance in sinusoidal signal with applications in induction motor diagnostics. , 2012, , .		2
161	Current-Only Directional Overcurrent Protection for Distribution Automation: Challenges and Solutions. IEEE Transactions on Smart Grid, 2012, 3, 1687-1694.	9.0	67
162	Distributed Temperature Sensing: Review of Technology and Applications. IEEE Sensors Journal, 2012, 12, 885-892.	4.7	284

#	ARTICLE	IF	CITATIONS
163	Denoising and Frequency Analysis of Noninvasive Magnetoencephalography Sensor Signals for Functional Brain Mapping. IEEE Sensors Journal, 2012, 12, 447-455.	4.7	13
164	Fast computation of arctangent functions for embedded applications: A comparative analysis. , 2011, , .		31
165	Development and Implementation of Parameterized FPGA-Based General Purpose Neural Networks for Online Applications. IEEE Transactions on Industrial Informatics, 2011, 7, 78-89.	11.3	107
166	Current-Only Directional Overcurrent Relay. IEEE Sensors Journal, 2011, 11, 1403-1404.	4.7	48
167	Estimation of Induction Motor Operating Power Factor From Measured Current and Manufacturer Data. IEEE Transactions on Energy Conversion, 2011, 26, 699-706.	5.2	26
168	Detection of stator short circuit faults in three-phase induction motors using motor current zero crossing instants. Electric Power Systems Research, 2011, 81, 1036-1044.	3.6	63
169	Memristance View of Piezoelectricity. IEEE Sensors Journal, 2011, 11, 2514-2517.	4.7	2
170	Low autocorrelation binary sequences: Number theory-based analysis for minimum energy level, Barker codes. , 2010, 20, 483-495.		11
171	Diagnostics of gas bubbles using wavelet transform. , 2010, , .		1
172	Improved Calibration of Near-Infrared Spectra by Using Ensembles of Neural Network Models. IEEE Sensors Journal, 2010, 10, 578-584.	4.7	11
173	Smart distribution protection using current-only directional overcurrent relay. , 2010, , .		19
174	Harmonic analysis-based diagnostics of noflow pulsation in vortex and swirl flowmeter. , 2009, 19, 700-707.		7
175	Feeder load balancing using fuzzy logic and combinatorial optimization-based implementation. Electric Power Systems Research, 2008, 78, 1922-1932.	3.6	31
176	Adjusted Haar wavelet for application in the power systems disturbance analysis. , 2008, 18, 103-115.		24
177	Towards networked smart digital sensors: A review. , 2008, , .		13
178	Intelligent Systems and Signal Processing in Power Engineering. Power Systems, 2007, , .	0.5	57
179	Reconfiguration and Load Balancing in the LV and MV Distribution Networks for Optimal Performance. IEEE Transactions on Power Delivery, 2007, 22, 2534-2540.	4.3	137
180	Implementation of Discrete Wavelet Transform for Embedded Applications using TMS320VC5510. , 2007, , .		7

#	ARTICLE	IF	CITATIONS
181	Optimized Algorithm for Industrial Process Instrumentation Calibration based on Nonlinear Function Approximation. , 2007, , .		0
182	Application of Abrupt Change Detection in Power Systems Disturbance Analysis and Relay Performance Monitoring. IEEE Transactions on Power Delivery, 2007, 22, 59-66.	4.3	41
183	The detection of abrupt changes using recursive identification for power system fault analysis. Electric Power Systems Research, 2007, 77, 259-265.	3.6	21
184	Feeder Load Balancing Using Neural Network. Lecture Notes in Computer Science, 2006, , 1311-1316.	1.3	22
185	Abrupt change detection in power system fault analysis using adaptive whitening filter and wavelet transform. Electric Power Systems Research, 2006, 76, 815-823.	3.6	56
186	Practical Denoising of MEG Data Using Wavelet Transform. Lecture Notes in Computer Science, 2006, , 578-585.	1.3	1