Abdullah M Abusorrah

List of Publications by Year
in descending order

143 papers	6,951 citations	53789 45 h-index	66906 78 g-index
145 all docs	145 docs citations	145 times ranked	4565 citing authors

#	Article	IF	Citations
1	Optimal Expansion Planning of Energy Hub With Multiple Energy Infrastructures. IEEE Transactions on Smart Grid, 2015, 6, 2302-2311.	9.0	413
2	Coordination of Interdependent Natural Gas and Electricity Infrastructures for Firming the Variability of Wind Energy in Stochastic Day-Ahead Scheduling. IEEE Transactions on Sustainable Energy, 2015, 6, 606-615.	8.8	271
3	Hourly Electricity Demand Response in the Stochastic Day-Ahead Scheduling of Coordinated Electricity and Natural Gas Networks. IEEE Transactions on Power Systems, 2016, 31, 592-601.	6.5	255
4	Optimal Interconnection Planning of Community Microgrids With Renewable Energy Sources. IEEE Transactions on Smart Grid, 2017, 8, 1054-1063.	9.0	214
5	Demand Response Exchange in the Stochastic Day-Ahead Scheduling With Variable Renewable Generation. IEEE Transactions on Sustainable Energy, 2015, 6, 516-525.	8.8	192
6	Bilevel Model for Analyzing Coordinated Cyber-Physical Attacks on Power Systems. IEEE Transactions on Smart Grid, 2016, 7, 2260-2272.	9.0	185
7	A Game Theoretic Approach to Risk-Based Optimal Bidding Strategies for Electric Vehicle Aggregators in Electricity Markets With Variable Wind Energy Resources. IEEE Transactions on Sustainable Energy, 2016, 7, 374-385.	8.8	172
8	Energy-Optimized Partial Computation Offloading in Mobile-Edge Computing With Genetic Simulated-Annealing-Based Particle Swarm Optimization. IEEE Internet of Things Journal, 2021, 8, 3774-3785.	8.7	168
9	Distributed Control and Communication Strategies in Networked Microgrids. IEEE Communications Surveys and Tutorials, 2020, 22, 2586-2633.	39.4	152
10	Reliability-Based Optimal Planning of Electricity and Natural Gas Interconnections for Multiple Energy Hubs. IEEE Transactions on Smart Grid, 2017, 8, 1658-1667.	9.0	149
11	Modeling, Tuning, and Performance Comparison of Second-Order-Generalized-Integrator-Based FLLs. IEEE Transactions on Power Electronics, 2018, 33, 10229-10239.	7.9	141
12	Electricity-Natural Gas Operation Planning With Hourly Demand Response for Deployment of Flexible Ramp. IEEE Transactions on Sustainable Energy, 2016, 7, 996-1004.	8.8	140
13	Security-Constrained Co-Optimization Planning of Electricity and Natural Gas Transportation Infrastructures. IEEE Transactions on Power Systems, 2015, 30, 2984-2993.	6.5	132
14	Distribution Network-Constrained Optimization of Peer-to-Peer Transactive Energy Trading Among Multi-Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 1033-1047.	9.0	127
15	Thermal Generation Flexibility With Ramping Costs and Hourly Demand Response in Stochastic Security-Constrained Scheduling of Variable Energy Sources. IEEE Transactions on Power Systems, 2015, 30, 2955-2964.	6.5	126
16	Stochastic Security-Constrained Scheduling of Coordinated Electricity and Natural Gas Infrastructures. IEEE Systems Journal, 2017, 11, 1674-1683.	4.6	122
17	Dual-Objective Mixed Integer Linear Program and Memetic Algorithm for an Industrial Group Scheduling Problem. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1199-1209.	13.1	122
18	A Survey of Cyber Attacks on Cyber Physical Systems: Recent Advances and Challenges. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 784-800.	13.1	116

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19	Disassembly Sequence Planning: A Survey. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1308-1324.	13.1	114
20	A Cyber-Attack Resilient Distributed Control Strategy in Islanded Microgrids. IEEE Transactions on Smart Grid, 2020, 11, 3690-3701.	9.0	111
21	Impact of magnetic dipole on ferromagnetic hybrid nanofluid flow over a stretching cylinder. Physica Scripta, 2021, 96, 045215.	2.5	105
22	Utilization of solar energy for wastewater treatment: Challenges and progressive research trends. Journal of Environmental Management, 2021, 297, 113300.	7.8	101
23	Optimizing Weighted Extreme Learning Machines for imbalanced classification and application to credit card fraud detection. Neurocomputing, 2020, 407, 50-62.	5.9	86
24	Aspect-Based Sentiment Analysis: A Survey of Deep Learning Methods. IEEE Transactions on Computational Social Systems, 2020, 7, 1358-1375.	4.4	85
25	A Study on Three-Phase FLLs. IEEE Transactions on Power Electronics, 2019, 34, 213-224.	7.9	84
26	A Review of DC Shipboard Microgridsâ€"Part I: Power Architectures, Energy Storage, and Power Converters. IEEE Transactions on Power Electronics, 2022, 37, 5155-5172.	7.9	78
27	Blockchain for Transacting Energy and Carbon Allowance in Networked Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 4702-4714.	9.0	77
28	Optimal Power Flow Using Adapted Genetic Algorithm with Adjusting Population Size. Electric Power Components and Systems, 2012, 40, 1285-1299.	1.8	75
29	Decentralized bi-level stochastic optimization approach for multi-agent multi-energy networked micro-grids with multi-energy storage technologies. Energy, 2022, 245, 123223.	8.8	74
30	An Adaptive Quadrature Signal Generation-Based Single-Phase Phase-Locked Loop for Grid-Connected Applications. IEEE Transactions on Industrial Electronics, 2017, 64, 2848-2854.	7.9	73
31	A Family of Gradient Descent Grid Frequency Estimators for the SOGI Filter. IEEE Transactions on Power Electronics, 2018, 33, 5796-5810.	7.9	72
32	Analyzing Locally Coordinated Cyber-Physical Attacks for Undetectable Line Outages. IEEE Transactions on Smart Grid, 2018, 9, 35-47.	9.0	71
33	Standard SOGI-FLL and Its Close Variants: Precise Modeling in LTP Framework and Determining Stability Region/Robustness Metrics. IEEE Transactions on Power Electronics, 2021, 36, 409-422.	7.9	70
34	Optimal Consensus-Based Distributed Control Strategy for Coordinated Operation of Networked Microgrids. IEEE Transactions on Power Systems, 2020, 35, 2452-2462.	6.5	69
35	MAF-PLL With Phase-Lead Compensator. IEEE Transactions on Industrial Electronics, 2014, , 1-1.	7.9	66
36	Real Time Parameter Estimation for Power Quality Control and Intelligent Protection of Grid-Connected Power Electronic Converters. IEEE Transactions on Smart Grid, 2014, 5, 1602-1607.	9.0	64

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37	Artificial neural networks for water quality soft-sensing in wastewater treatment: a review. Artificial Intelligence Review, 2022, 55, 565-587.	15.7	64
38	Economical-technical-environmental operation of power networks with wind-solar-hydropower generation using analytic hierarchy process and improved grey wolf algorithm. Ain Shams Engineering Journal, 2021, 12, 2717-2734.	6.1	61
39	Flexible Division and Unification Control Strategies for Resilience Enhancement in Networked Microgrids. IEEE Transactions on Power Systems, 2020, 35, 474-486.	6.5	58
40	Fine-grained resource provisioning and task scheduling for heterogeneous applications in distributed green clouds. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 1380-1393.	13.1	57
41	All-Pass-Filter-Based PLL Systems: Linear Modeling, Analysis, and Comparative Evaluation. IEEE Transactions on Power Electronics, 2020, 35, 3558-3572.	7.9	56
42	Recent Advances in Collaborative Scheduling of Computing Tasks in an Edge Computing Paradigm. Sensors, 2021, 21, 779.	3.8	54
43	A Review of DC Shipboard Microgrids—Part II: Control Architectures, Stability Analysis, and Protection Schemes. IEEE Transactions on Power Electronics, 2022, 37, 4105-4120.	7.9	54
44	Stability of a boost converter fed from photovoltaic source. Solar Energy, 2013, 98, 458-471.	6.1	51
45	Hybrid Synchronous/Stationary Reference-Frame-Filtering-Based PLL. IEEE Transactions on Industrial Electronics, 2015, 62, 5018-5022.	7.9	50
46	Novel L1 Regularized Extreme Learning Machine for Soft-Sensing of an Industrial Process. IEEE Transactions on Industrial Informatics, 2022, 18, 1009-1017.	11.3	45
47	Distributed Secondary Control for Islanded Microgrids With Mobile Emergency Resources. IEEE Transactions on Power Systems, 2020, 35, 1389-1399.	6.5	44
48	Surrogate-Assisted Autoencoder-Embedded Evolutionary Optimization Algorithm to Solve High-Dimensional Expensive Problems. IEEE Transactions on Evolutionary Computation, 2022, 26, 676-689.	10.0	43
49	Effective Visual Domain Adaptation via Generative Adversarial Distribution Matching. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3919-3929.	11.3	42
50	Optimal sizing of hybrid renewable energy systems by considering power sharing and electric vehicles. International Journal of Energy Research, 2022, 46, 8288-8312.	4.5	41
51	Designing, optimizing and comparing distributed generation technologies as a substitute system for reducing life cycle costs, CO_2 emissions, and power losses in residential buildings. Energy, 2022, 253, 123947.	8.8	41
52	Minimax-Regret Robust Defensive Strategy Against False Data Injection Attacks. IEEE Transactions on Smart Grid, 2019, 10, 2068-2079.	9.0	39
53	A detailed hydrothermal investigation of a helical micro double-tube heat exchanger for a wide range of helix pitch length. Case Studies in Thermal Engineering, 2021, 28, 101413.	5.7	39
54	Compartmentalization Strategy for the Optimal Economic Operation of a Hybrid AC/DC Microgrid. IEEE Transactions on Power Systems, 2020, 35, 1294-1304.	6.5	37

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55	New Challenges in the Design of Microgrid Systems: Communication Networks, Cyberattacks, and Resilience. IEEE Electrification Magazine, 2020, 8, 98-106.	1.8	37
56	A Novel Semi-Supervised Learning Approach to Pedestrian Reidentification. IEEE Internet of Things Journal, 2021, 8, 3042-3052.	8.7	35
57	Nonlinear Dynamics and Bifurcation Analysis of a Boost Converter for Battery Charging in Photovoltaic Applications. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450142.	1.7	34
58	Conventional and modified MPPT techniques with direct control and dual scaled adaptive step-size. Solar Energy, 2017, 157, 1017-1031.	6.1	34
59	Research On Variable-Length Transfer Delay and Delayed-Signal-Cancellation-Based PLLs. IEEE Transactions on Power Electronics, 2018, 33, 8388-8398.	7.9	34
60	Single-Phase FLLs Based on Linear Kalman Filter, Limit-Cycle Oscillator, and Complex Bandpass Filter: Analysis and Comparison With a Standard FLL in Grid Applications. IEEE Transactions on Power Electronics, 2019, 34, 11774-11790.	7.9	34
61	Distribution System Resilience in Ice Storms by Optimal Routing of Mobile Devices on Congested Roads. IEEE Transactions on Smart Grid, 2021, 12, 1314-1328.	9.0	34
62	Dynamic Embedding Projection-Gated Convolutional Neural Networks for Text Classification. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 973-982.	11.3	34
63	Advanced Single-Phase DSC-Based PLLs. IEEE Transactions on Power Electronics, 2019, 34, 3226-3238.	7.9	32
64	Multiscale Drift Detection Test to Enable Fast Learning in Nonstationary Environments. IEEE Transactions on Cybernetics, 2021, 51, 3483-3495.	9.5	32
65	Privacy-Preserving Distributed Control Strategy for Optimal Economic Operation in Islanded Reconfigurable Microgrids. IEEE Transactions on Power Systems, 2020, 35, 3847-3856.	6.5	32
66	KISS+ for Rapid and Accurate Pedestrian Re-Identification. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 394-403.	8.0	32
67	Enhanced Subspace Distribution Matching for Fast Visual Domain Adaptation. IEEE Transactions on Computational Social Systems, 2020, 7, 1047-1057.	4.4	31
68	A comprehensive parametric investigation of hemispherical cavities on thermal performance and flow-dynamics in the triangular-duct solar-assisted air-heater. Renewable Energy, 2021, 173, 896-912.	8.9	31
69	Cross-Layer Distributed Control Strategy for Cyber Resilient Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 3705-3717.	9.0	31
70	Optimal Transactive Energy Trading of Electric Vehicle Charging Stations With On-Site PV Generation in Constrained Power Distribution Networks. IEEE Transactions on Smart Grid, 2022, 13, 1427-1440.	9.0	31
71	A Performance-Optimized Consensus Mechanism for Consortium Blockchains Consisting of Trust-Varying Nodes. IEEE Transactions on Network Science and Engineering, 2021, 8, 2147-2159.	6.4	29
72	Decision-Tree-Initialized Dendritic Neuron Model for Fast and Accurate Data Classification. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4173-4183.	11.3	28

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73	Making accurate object detection at the edge: review and new approach. Artificial Intelligence Review, 2022, 55, 2245-2274.	15.7	28
74	Deadlock-free Supervisor Design for Robotic Manufacturing Cells With Uncontrollable and Unobservable Events. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 597-605.	13.1	27
75	QoS Prediction Model of Cloud Services Based on Deep Learning. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 564-566.	13.1	26
76	A New THD Measurement Method With Small Computational Burden Using a SOGI-FLL Grid Monitoring System. IEEE Transactions on Power Electronics, 2020, 35, 5797-5811.	7.9	25
77	Soft Sensing of Nonlinear and Multimode Processes Based on Semi-Supervised Weighted Gaussian Regression. IEEE Sensors Journal, 2020, 20, 12950-12960.	4.7	25
78	A Convex Three-Stage SCOPF Approach to Power System Flexibility With Unified Power Flow Controllers. IEEE Transactions on Power Systems, 2021, 36, 1947-1960.	6.5	24
79	A Bi-population Cooperative Optimization Algorithm Assisted by an Autoencoder for Medium-scale Expensive Problems. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1952-1966.	13.1	23
80	Harmonic Linearization and Investigation of Three-Phase Parallel-Structured Signal Decomposition Algorithms in Grid-Connected Applications. IEEE Transactions on Power Electronics, 2021, 36, 4198-4213.	7.9	22
81	Modeling of a MED-TVC desalination system by considering the effects of nanoparticles: energetic and exergetic analysis. Journal of Thermal Analysis and Calorimetry, 2021, 144, 2675.	3.6	21
82	Real-Time Detection of False Readings in Smart Grid AMI Using Deep and Ensemble Learning. IEEE Access, 2022, 10, 47541-47556.	4.2	21
83	Linear Time-Periodic Modeling, Examination, and Performance Enhancement of Grid Synchronization Systems With DC Component Rejection/Estimation Capability. IEEE Transactions on Power Electronics, 2021, 36, 4237-4253.	7.9	20
84	Optimization preparation of one-dimensional polypyrrole nanotubes for enhanced thermoelectric performance. Polymer, 2021, 228, 123950.	3.8	20
85	Improved Power Quality Control and Intelligent Protection for Grid Connected Power Electronic Converters, using Real Time Parameter Estimation. Conference Record - IAS Annual Meeting (IEEE) Tj ETQq1 1 0.784314 rgBT /Overlock		
86	Experimental investigation for heat and flow characteristics of solar air heater having symmetrical gaps in multiple-arc rib pattern as roughness elements. Experimental Heat Transfer, 2022, 35, 466-483.	3.2	18
87	Foldings and grazings of tori in current controlled interleaved boost converters. International Journal of Circuit Theory and Applications, 2014, 42, 1080-1091.	2.0	17
88	More-Stable EPLL. IEEE Transactions on Power Electronics, 2022, 37, 1003-1011.	7.9	17
89	Energy Commitment for a Power System Supplied by Multiple Energy Carriers System using Following Optimization Algorithm. Applied Sciences (Switzerland), 2020, 10, 5862.	2.5	16
90	Silver Nanowires Digital Printing for Inverted Flexible Semiâ€Transparent Solar Cells. Advanced Engineering Materials, 2021, 23, 2001305.	3.5	16

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91	Impedance Modeling of Three-Phase Grid-Connected Voltage Source Converters With Frequency-Locked-Loop-Based Synchronization Algorithms. IEEE Transactions on Power Electronics, 2022, 37, 4511-4525.	7.9	16
92	Implicit Finite Difference Simulation of Prandtl-Eyring Nanofluid over a Flat Plate with Variable Thermal Conductivity: A Tiwari and Das Model. Mathematics, 2021, 9, 3153.	2.2	16
93	Fastâ€scale stability limits of a twoâ€stage boost power converter. International Journal of Circuit Theory and Applications, 2016, 44, 1127-1141.	2.0	15
94	Complex nonâ€linear phenomena and stability analysis of interconnected power converters used in distributed power systems. IET Power Electronics, 2016, 9, 855-863.	2.1	15
95	A Fault-Tolerant Model for Performance Optimization of a Fog Computing System. IEEE Internet of Things Journal, 2022, 9, 1725-1736.	8.7	15
96	A Dynamic Evolution Method for Autonomous Vehicle Groups in a Highway Scene. IEEE Internet of Things Journal, 2022, 9, 1445-1457.	8.7	14
97	An Improved Discriminative Model Prediction Approach to Real-Time Tracking of Objects With Camera as Sensors. IEEE Sensors Journal, 2021, 21, 17308-17317.	4.7	14
98	A Review of the Conceptualization and Operational Management of Seaport Microgrids on the Shore and Seaside. Energies, 2021, 14, 7941.	3.1	14
99	Estimation of Parameters of Different Equivalent Circuit Models of Solar Cells and Various Photovoltaic Modules Using Hybrid Variants of Honey Badger Algorithm and Artificial Gorilla Troops Optimizer. Mathematics, 2022, 10, 1057.	2.2	14
100	Unification Scheme for Managing Master Controller Failures in Networked Microgrids. IEEE Transactions on Power Systems, 2020, 35, 3004-3014.	6.5	13
101	A Kalman Filter-Based Protection Strategy for Microgrids. IEEE Access, 2022, 10, 73243-73256.	4.2	13
102	The Application of the Linear Adaptive Genetic Algorithm to Optimal Power Flow Problem. Arabian Journal for Science and Engineering, 2014, 39, 4901-4909.	1.1	12
103	Scheduling Robotic Cellular Manufacturing Systems With Timed Petri Net, A* Search, and Admissible Heuristic Function. IEEE Transactions on Automation Science and Engineering, 2022, 19, 243-250.	5.2	12
104	Multi-Objective Generation Scheduling of Hydro-Thermal System Incorporating Energy Storage With Demand Side Management Considering Renewable Energy Uncertainties. IEEE Access, 2022, 10, 52343-52357.	4.2	12
105	Single Diode Solar Cellsâ€"Improved Model and Exact Currentâ€"Voltage Analytical Solution Based on Lambertâ€™s W Function. Sensors, 2022, 22, 4173.	3.8	12
106	Dynamical analysis of single-inductor dual-output DC-DC converters. , 2013, , .		11
107	Avoiding instabilities in power electronic systems: toward an onâ€chip implementation. IET Power Electronics, 2017, 10, 1778-1787.	2.1	11
108	Frequency-Locked Loops in Electrical Power and Energy Systems: Equivalent or Different to Phase-Locked Loops?. IEEE Industrial Electronics Magazine, 2021, 15, 54-64.	2.6	11

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109	Numerical study on heat loss from the surface of solar collector tube filled by oil-NE-PCM/Al2O3 in the presence of the magnetic field. Journal of Thermal Analysis and Calorimetry, 2021, 144, 2627.	3.6	11
110	A new voltage regulation strategy using developed power sharing techniques for solar photovoltaic generation-based microgrids. Electrical Engineering, 2021, 103, 3023-3031.	2.0	11
111	Non-linear modelling and stability analysis of resonant DC–DC converters. IET Power Electronics, 2015, 8, 2492-2503.	2.1	10
112	Intelligent Machine Learning With Evolutionary Algorithm Based Short Term Load Forecasting in Power Systems. IEEE Access, 2021, 9, 100113-100124.	4.2	10
113	Digital printing of a novel electrode for stable flexible organic solar cells with a power conversion efficiency of 8.5%. Scientific Reports, 2021, 11, 14212.	3.3	10
114	Optimizing Node Deployment in Rechargeable Camera Sensor Networks for Full-View Coverage. IEEE Internet of Things Journal, 2022, 9, 11396-11407.	8.7	10
115	LTP Modeling and Stability Assessment of Multiple Second-Order Generalized Integrator-Based Signal Processing/Synchronization Algorithms and Their Close Variants. IEEE Transactions on Power Electronics, 2022, 37, 5062-5077.	7.9	10
116	Analysis of Discontinuity Induced Bifurcations in a Dual Input DC-DC Converter. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550071.	1.7	8
117	Enhanced Intelligent Energy Management System for a Renewable Energy-Based AC Microgrid. Energies, 2020, 13, 3268.	3.1	8
118	Cost-Effective and Latency-Minimized Data Placement Strategy for Spatial Crowdsourcing in Multi-Cloud Environment. IEEE Transactions on Cloud Computing, 2023, 11, 868-878.	4.4	8
119	Optimal Power Flow Using Adaptive Fuzzy Logic Controllers. Mathematical Problems in Engineering, 2013, 2013, 1-7.	1.1	7
120	Nonaveraged control-oriented modeling and relative stability analysis of DC–DC switching converters. International Journal of Circuit Theory and Applications, 2018, 46, 565-580.	2.0	7
121	The Proliferation of Solar Photovoltaics: Their Impact on Widespread Deployment of Electric Vehicles. IEEE Electrification Magazine, 2020, 8, 79-91.	1.8	7
122	Intelligent and Data-Driven Fault Detection of Photovoltaic Plants. Processes, 2021, 9, 1711.	2.8	7
123	Sparse Individual Low-Rank Component Representation for Face Recognition in the IoT-Based System. IEEE Internet of Things Journal, 2021, 8, 17320-17332.	8.7	7
124	Statistics-Based Outlier Detection and Correction Method for Amazon Customer Reviews. Entropy, 2021, 23, 1645.	2.2	7
125	On the solitary wave solution of the viscosity capillarity van der Waals p-system along with Painleve analysis. Chaos, Solitons and Fractals, 2021, 153, 111495.	5.1	6
126	A Refined Siphon-Based Deadlock Prevention Policy for a Class of Petri Nets. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 191-203.	9.3	6

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127	Applying a Theta-Krill Herd Algorithm to Energy Management of a Microgrid Considering Renewable Energies and Varying Weather Conditions. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	5
128	Vector Measurement-Based Virtual Inertia Emulation Technique for Real-Time Transient Frequency Regulation in Microgrids. IEEE Transactions on Power Electronics, 2021, 36, 6685-6698.	7.9	5
129	In-Loop Filters and Prefilters in Phase-Locked Loop Systems: Equivalent or Different Solutions?. IEEE Industrial Electronics Magazine, 2022, 16, 23-35.	2.6	5
130	A game theoretic approach to risk-based optimal bidding strategies for electric vehicle aggregators in electricity markets with variable wind energy resources. , 2016, , .		4
131	An investigation of the second law performance for a condenser used in 210ÂMW thermal power station. Case Studies in Thermal Engineering, 2021, 26, 100992.	5.7	4
132	Reducing Fault Current by Using FACTS Devices to Improve Electrical Power Flow. Mathematical Problems in Engineering, 2021, 2021, 1-9.	1.1	4
133	Open-Loop Synchronization Systems for Grid-Tied Power Converters: Literature Overview, Design Considerations, Advantages, and Disadvantages. IEEE Industrial Electronics Magazine, 2022, 16, 14-22.	2.6	4
134	Optimum Firing of SVC's for Normal and Emergency Reactive Power Control. Electric Power Components and Systems, 2004, 32, 785-800.	1.8	2
135	Modeling and Tuning of Adaptive Complex Current Controller for Three-Phase Grid-Interfaced Power Converters. , 2019, , .		2
136	Sensitivity analysis on thermophysical properties efficacy on PCM-based heat sink usefulness: effects of solid particles versus liquid phase fraction. Journal of Thermal Analysis and Calorimetry, 2021, 144, 2699.	3.6	2
137	Dynamical behaviors of interconnected converters in intermediate bus architecture. , 2014, , .		1
138	Transient performance analysis of a heliostat field: Using artificial neural network to predict the net radiation. Mathematical Methods in the Applied Sciences, 0, , .	2.3	1
139	Space†vector current control of cascaded half†bridge three†phase three†wire voltage source inverter. IET Power Electronics, 2021, 14, 201-210.	2.1	1
140	Valid Inequality and Variable Fixation for Unrestricted Block Relocation Problems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 18822-18834.	8.0	1
141	The co-learning in the design, simulation and optimization of a solar concentrating system. Computers in Human Behavior, 2015, 51, 857-866.	8.5	0
142	The Digital Current Control of Single-Phase Cascaded Half-Bridge Voltage Source Inverter. , 2020, , .		0
143	Combined Artificial Neural Network/Fuzzy modelling to optimize the Prototype of Concentrating Solar Tower using Analytic Hierarchy Process Technique. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 0, , .	1.9	0