

Feng Ding

List of Publications by Year in descending order

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357
papers

11,023
citations

28242

55
h-index

48277

88
g-index

364
all docs

364
docs citations

364
times ranked

9064
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Regenerative Braking Energy Utilization System for Multi-Substations in Electrified Railways. IEEE Transactions on Industrial Electronics, 2023, 70, 298-310.	5.2	14
2	An Accurate Model of Magnetic Energy Harvester in the Saturated Region for Harvesting Maximum Power: Analysis, Design, and Experimental Verification. IEEE Transactions on Industrial Electronics, 2023, 70, 276-285.	5.2	15
3	Superior Dialytic Removal of Bilirubin and Bile Acids by Free Fatty Acid Displacement and Its Synergy With Albumin-Based Dialysis. ASAIO Journal, 2023, 69, 127-135.	0.9	1
4	Measurement-Based Wideband Model and Electric Parameter Extraction of Railway Traction Power System. IEEE Transactions on Transportation Electrification, 2023, 9, 1483-1497.	5.3	2
5	A Double-Switch Single-Transformer Integrated Equalizer for the Recycled Power Battery String of Automatic Guided Vehicles. IEEE Transactions on Industrial Electronics, 2023, 70, 2596-2606.	5.2	4
6	An Inductive Power Transfer System With LCC-DDS Topology to Achieve Magnetic Field Suppression and Receiver Lightweight. IEEE Transactions on Transportation Electrification, 2023, 9, 1937-1949.	5.3	0
7	Condition-Based Maintenance for Traction Power Supply Equipment Based on Partially Observable Markov Decision Process. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 175-189.	4.7	13
8	A Dynamic Synchrophasor Estimation Algorithm Considering Out-of-Band Interference. IEEE Transactions on Power Delivery, 2022, 37, 1193-1202.	2.9	6
9	Improved Dialysis Removal of Protein-Bound Uraemic Toxins with a Combined Displacement and Adsorption Technique. Blood Purification, 2022, 51, 548-558.	0.9	7
10	A Monitoring Equipment Charging System for HVTL Based on Domino-Resonator WPT With Constant Current or Constant Voltage Output. IEEE Transactions on Power Electronics, 2022, 37, 3668-3680.	5.4	29
11	A splitting-coil-based IPT system of reefer container for high efficiency wireless charging. IET Electric Power Applications, 2022, 16, 370-381.	1.1	1
12	A Quasi-Resonant Extended State Observer-Based Predictive Current Control Strategy for Three-Phase PWM Rectifier. IEEE Transactions on Industrial Electronics, 2022, 69, 13910-13917.	5.2	18
13	Design and Analysis of a CPT System With Extendable Pairs of Electric Field Couplers. IEEE Transactions on Power Electronics, 2022, 37, 7443-7455.	5.4	11
14	Analysis and Design of a T/S Compensated IPT System for AGV Maintaining Stable Output Current Versus Air Gap and Load Variations. IEEE Transactions on Power Electronics, 2022, 37, 6217-6228.	5.4	20
15	A Cost-Effective Implementation of Independent Data and Power Transmission Channels in Wireless Power Transfer Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1532-1536.	2.2	4
16	High-Frequency Damping Analysis and Compensation Method Above Half PWM Sampling Frequency for Train Grid-Connected Converter. IEEE Transactions on Transportation Electrification, 2022, 8, 2945-2958.	5.3	3
17	A mathematical estimation for quantified calcium supplementation during intermittent hemodialysis using regional citrate anticoagulation. Artificial Organs, 2022, , .	1.0	1
18	Combined serum free light chain predicts prognosis in acute kidney injury following cardiovascular surgery. Renal Failure, 2022, 44, 1-10.	0.8	1

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19	Transient Fault Analysis Method for VSC-Based DC Distribution Networks With Multi-DCs. IEEE Transactions on Industrial Informatics, 2022, 18, 7628-7638.	7.2	5
20	Glycoprotein 96 in Peritoneal Dialysis Effluent-Derived Extracellular Vesicles: A Tool for Evaluating Peritoneal Transport Properties and Inflammatory Status. Frontiers in Immunology, 2022, 13, 824278.	2.2	3
21	Hydrophobic/Hydrophilic Ratio of Amphiphilic Helix Mimetics Determines the Effects on Islet Amyloid Polypeptide Aggregation. Journal of Chemical Information and Modeling, 2022, 62, 1760-1770.	2.5	9
22	Polyethyleneimine-anchored liposomes as scavengers for improving the efficiency of protein-bound uremic toxin clearance during dialysis. Journal of Biomedical Materials Research - Part A, 2022, 110, 976-983.	2.1	2
23	Chemical and Biophysical Signatures of the Protein Corona in Nanomedicine. Journal of the American Chemical Society, 2022, 144, 9184-9205.	6.6	98
24	Combined Active and Reactive Power Flow Control Strategy for Flexible Railway Traction Substation Integrated With ESS and PV. IEEE Transactions on Sustainable Energy, 2022, 13, 1969-1981.	5.9	9
25	Substoichiometric Inhibition of Insulin against IAPP Aggregation Is Attenuated by the Incompletely Processed N-Terminus of proIAPP. ACS Chemical Neuroscience, 2022, 13, 2006-2016.	1.7	1
26	Linoleic acid-modified liposomes for the removal of protein-bound toxins: An in vitro study. International Journal of Artificial Organs, 2021, 44, 393-403.	0.7	6
27	An Improved Controlled-Frequency-Band Impedance Measurement Scheme for Railway Traction Power System. IEEE Transactions on Industrial Electronics, 2021, 68, 2184-2195.	5.2	9
28	Primary-Side Parameter Estimation Method for Bidirectional Inductive Power Transfer Systems. IEEE Transactions on Power Electronics, 2021, 36, 68-72.	5.4	28
29	Evaluation Model of DC Current Distribution in AC Power Systems Caused by Stray Current of DC Metro Systems. IEEE Transactions on Power Delivery, 2021, 36, 114-123.	2.9	50
30	A Low-Cost Multiwinding Transformer Balancing Topology for Retired Series-Connected Battery String. IEEE Transactions on Power Electronics, 2021, 36, 4931-4936.	5.4	39
31	Predictive Position Control of Planar Motors Using Trajectory Gradient Soft Constraint With Attenuation Coefficients in the Weighting Matrix. IEEE Transactions on Industrial Electronics, 2021, 68, 821-837.	5.2	15
32	A General Mutual Coupling Model of MIMO Capacitive Coupling Interface With Arbitrary Number of Ports. IEEE Transactions on Power Electronics, 2021, 36, 6163-6167.	5.4	19
33	The Membrane Axis of Alzheimer's Nanomedicine. Advanced NanoBiomed Research, 2021, 1, 2000040.	1.7	12
34	Integration of PV and Battery Storage for Catenary Voltage Regulation and Stray Current Mitigation in MVDC Railways. Journal of Modern Power Systems and Clean Energy, 2021, 9, 585-594.	3.3	12
35	Optimized calcium supplementation approach in post-dilution CVVHDF using regional citrate anticoagulation. International Journal of Artificial Organs, 2021, 44, 165-173.	0.7	2
36	Plasmacytoid dendritic cells promote acute kidney injury by producing interferon- γ . Cellular and Molecular Immunology, 2021, 18, 219-229.	4.8	22

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37	Direct Observation of β -Barrel Intermediates in the Self-Assembly of Toxic SOD1 ³⁸ and Absence in Nontoxic Glycine Mutants. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 966-975.	2.5	14
38	High-Efficiency WPT System for CC/CV Charging Based on Double-half-bridge Inverter Topology with Variable Inductors. <i>IEEE Transactions on Power Electronics</i> , 2021, , 1-1.	5.4	16
39	An Observational Cohort Study of the 2-Month Use of Regional Citrate Anticoagulation in Maintenance Hemodialysis Patients with Cerebral Hemorrhage. <i>Medical Science Monitor</i> , 2021, 27, e930513.	0.5	1
40	A power-quality monitoring and assessment system for high-speed railways based on train-network-data center integration. <i>Railway Engineering Science</i> , 2021, 29, 30-41.	2.7	24
41	Probing Interdomain Linkers and Protein Supertertiary Structure In Vitro and in Live Cells with Fluorescent Protein Resonance Energy Transfer. <i>Journal of Molecular Biology</i> , 2021, 433, 166793.	2.0	17
42	Ensemble switching unveils a kinetic rheostat mechanism of the eukaryotic thiamine pyrophosphate riboswitch. <i>Rna</i> , 2021, 27, 771-790.	1.6	15
43	Calculation of transformer DC-bias Current in AC Power Systems Considering Metro Stray Current. , 2021, , .		0
44	A novel bilayer coordinated control scheme for global autonomous economic operation of islanded hybrid AC/DC microgrids. <i>IET Renewable Power Generation</i> , 2021, 15, 2726-2739.	1.7	5
45	Misfolding and Self-Assembly Dynamics of Microtubule-Binding Repeats of the Alzheimer-Related Protein Tau. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 2916-2925.	2.5	24
46	Spontaneous formation of β -sheet nano-barrels during the early aggregation of Alzheimer's amyloid beta. <i>Nano Today</i> , 2021, 38, 101125.	6.2	44
47	Ultrasmall Molybdenum Disulfide Quantum Dots Cage Alzheimer's Amyloid Beta to Restore Membrane Fluidity. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29936-29948.	4.0	22
48	Analysis of rail potential and stray current in MVDC railway electrification system. <i>Railway Engineering Science</i> , 2021, 29, 394-407.	2.7	7
49	Inhibition of Amyloid Aggregation and Toxicity with Janus Iron Oxide Nanoparticles. <i>Chemistry of Materials</i> , 2021, 33, 6484-6500.	3.2	25
50	Out-of-Equilibrium Biophysical Chemistry: The Case for Multidimensional, Integrated Single-Molecule Approaches. <i>Journal of Physical Chemistry B</i> , 2021, 125, 10404-10418.	1.2	9
51	Relationship Analysis Between Metro Rail Potential and Neutral Direct Current of Nearby Transformers. <i>IEEE Transactions on Transportation Electrification</i> , 2021, 7, 1795-1804.	5.3	9
52	A Framework of Paracellular Transport via Nanoparticles-Induced Endothelial Leakiness. <i>Advanced Science</i> , 2021, 8, e2102519.	5.6	22
53	Toward the Prediction Level of Situation Awareness for Electric Power Systems Using CNN-LSTM Network. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 6951-6961.	7.2	34
54	Risk Assessment for Electrified Railway Catenary System Under Comprehensive Influence of Geographical and Meteorological Factors. <i>IEEE Transactions on Transportation Electrification</i> , 2021, 7, 3137-3148.	5.3	15

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55	Impacts of Quadrature Signal Generation-Based PLLs on Low-Frequency Oscillation in an Electric Railway System. IEEE Transactions on Transportation Electrification, 2021, 7, 3124-3136.	5.3	5
56	Amyloid Aggregation under the Lens of Liquid-Liquid Phase Separation. Journal of Physical Chemistry Letters, 2021, 12, 368-378.	2.1	34
57	Integrative structural dynamics probing of the conformational heterogeneity in synaptosomal-associated protein 25. Cell Reports Physical Science, 2021, 2, 100616.	2.8	9
58	A buried glutamate in the cross- β core renders β -endorphin fibrils reversible. Nanoscale, 2021, 13, 19593-19603.	2.8	4
59	Graphene quantum dots obstruct the membrane axis of Alzheimer's amyloid beta. Physical Chemistry Chemical Physics, 2021, 24, 86-97.	1.3	14
60	Research on Maintenance Efficiency Optimization for the Catenary System of Electrified Railways. , 2021, , .		1
61	Dynamic Protein Corona of Gold Nanoparticles with an Evolving Morphology. ACS Applied Materials & Interfaces, 2021, 13, 58238-58251.	4.0	23
62	Distribution System Resilience Enhancement with Battery Swapping Stations of Electric Vehicles. , 2021, , .		0
63	Reliability Evaluation of the External Power Supply System of Electrified Railways Considering the Access of PV Power. , 2021, , .		0
64	An Improved Differential Protection Strategy of DC Distribution Network with Current Limiting Reactor. , 2021, , .		0
65	Intrinsic Parameter Estimation of Railway Traction Power System Based on Impedance Measurement. , 2021, , .		0
66	Analysis, Design, and Experimental Verification of a Mixed High-Order Compensations-Based WPT System with Constant Current Outputs for Driving Multistring LEDs. IEEE Transactions on Industrial Electronics, 2020, 67, 203-213.	5.2	88
67	A Novel Controlled Frequency Band Impedance Measurement Approach for Single-Phase Railway Traction Power System. IEEE Transactions on Industrial Electronics, 2020, 67, 244-253.	5.2	48
68	Development of liposome as a novel adsorbent for artificial liver support system in liver failure. Journal of Liposome Research, 2020, 30, 246-254.	1.5	5
69	Mitigation of Amyloidosis with Nanomaterials. Advanced Materials, 2020, 32, e1901690.	11.1	87
70	Quantitative Severity Assessment and Sensitivity Analysis Under Uncertainty for Harmonic Resonance Amplification in Power Systems. IEEE Transactions on Power Delivery, 2020, 35, 809-818.	2.9	25
71	Variable-Parameter T-Circuit-Based IPT System Charging Battery With Constant Current or Constant Voltage Output. IEEE Transactions on Power Electronics, 2020, 35, 1672-1684.	5.4	51
72	Human Plasma Protein Corona of A β Amyloid and Its Impact on Islet Amyloid Polypeptide Cross-Seeding. Biomacromolecules, 2020, 21, 988-998.	2.6	15

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73	The possibility of using effluent ionized calcium to assess regional citrate anticoagulation in continuous renal replacement therapy. <i>International Journal of Artificial Organs</i> , 2020, 43, 379-384.	0.7	1
74	Improving the clearance of protein-bound uremic toxins using cationic liposomes as an adsorbent in dialysate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110725.	2.5	6
75	Reconfigurable Topology for IPT System Maintaining Stable Transmission Power Over Large Coupling Variation. <i>IEEE Transactions on Power Electronics</i> , 2020, 35, 4915-4924.	5.4	39
76	A Multifrequency Model of Electric Locomotive for High-Frequency Instability Assessment. <i>IEEE Transactions on Transportation Electrification</i> , 2020, 6, 241-256.	5.3	17
77	Design and analysis of decoupled tetra-polar ring-coils for wireless power transfer in rotary mechanism applications. <i>IET Electric Power Applications</i> , 2020, 14, 1766-1773.	1.1	5
78	Amyloidosis inhibition, a new frontier of the protein corona. <i>Nano Today</i> , 2020, 35, 100937.	6.2	32
79	An LC-CLC Compensated CPT System to Achieve the Maximum Power Transfer for High Power Applications. , 2020, , .		8
80	β -Crystallin Chaperone Inhibits $A\beta$ Aggregation by Capping the β -Sheet-Rich Oligomers and Fibrils. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10138-10146.	1.2	13
81	Variable parameter and variable frequency-based IPT charging system with configurable charge current and charge voltage. <i>IET Power Electronics</i> , 2020, 13, 751-757.	1.5	4
82	Fault Diagnosis of Traction Transformer Based on Bayesian Network. <i>Energies</i> , 2020, 13, 4966.	1.6	16
83	Event-triggered Communication-based Control Scheme for Economic Dispatch in islanded DC Microgrids. , 2020, , .		3
84	Amyloidosis: Mitigation of Amyloidosis with Nanomaterials (Adv. Mater. 18/2020). <i>Advanced Materials</i> , 2020, 32, 2070146.	11.1	2
85	Feasibility of coding-based Charlson comorbidity index for hospitalized patients in China, a representative developing country. <i>BMC Health Services Research</i> , 2020, 20, 432.	0.9	5
86	Elevated amyloidoses of human IAPP and amyloid beta by lipopolysaccharide and their mitigation by carbon quantum dots. <i>Nanoscale</i> , 2020, 12, 12317-12328.	2.8	23
87	Research on Optimal Nonperiodic Inspection Strategy for Traction Power Supply Equipment of Urban Rail Transit Considering the Influence of Traction Impact Load. <i>IEEE Transactions on Transportation Electrification</i> , 2020, 6, 1312-1325.	5.3	4
88	Analysis and Design of Inductive and Capacitive Hybrid Wireless Power Transfer System for Railway Application. <i>IEEE Transactions on Industry Applications</i> , 2020, 56, 3034-3042.	3.3	74
89	Morphological Determinants of Carbon Nanomaterial-Induced Amyloid Peptide Self-Assembly. <i>Frontiers in Chemistry</i> , 2020, 8, 160.	1.8	4
90	Dynamic Improvement of Inductive Power Transfer Systems With Maximum Energy Efficiency Tracking Using Model Predictive Control: Analysis and Experimental Verification. <i>IEEE Transactions on Power Electronics</i> , 2020, 35, 12752-12764.	5.4	33

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91	RNA-Puzzles Round IV: 3D structure predictions of four ribozymes and two aptamers. <i>Rna</i> , 2020, 26, 982-995.	1.6	100
92	A preventive opportunistic maintenance method for railway traction power supply system based on equipment reliability. <i>Railway Engineering Science</i> , 2020, 28, 199-211.	2.7	9
93	Intelligent Proactive Maintenance System for High-Speed Railway Traction Power Supply System. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 6729-6739.	7.2	10
94	Efficiency Improvement of Wireless Power Transfer Based on Multitransmitter System. <i>IEEE Transactions on Power Electronics</i> , 2020, 35, 9011-9023.	5.4	36
95	Nanosilver Mitigates Biofilm Formation via FapC Amyloidosis Inhibition. <i>Small</i> , 2020, 16, e1906674.	5.2	26
96	Decoupling Circuit for Automated Guided Vehicles IPT Charging Systems With Dual Receivers. <i>IEEE Transactions on Power Electronics</i> , 2020, 35, 6652-6657.	5.4	35
97	Achieving Predictive and Proactive Maintenance for High-Speed Railway Power Equipment With LSTM-RNN. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 6509-6517.	7.2	65
98	An Optimal Multivariable Control Strategy for Inductive Power Transfer Systems to Improve Efficiency. <i>IEEE Transactions on Power Electronics</i> , 2020, 35, 8998-9010.	5.4	51
99	Analysis and Prevention of Subsequent Commutation Failures Caused by Improper Inverter Control Interactions in HVDC Systems. <i>IEEE Transactions on Power Delivery</i> , 2020, , 1-1.	2.9	18
100	Detection of high-impedance fault in distribution network based on time-frequency entropy of wavelet transform. <i>IEEE Transactions on Electrical and Electronic Engineering</i> , 2020, 15, 844-853.	0.8	5
101	Misalignment tolerance wireless power transfer system combining inductive and capacitive coupling. <i>IET Electric Power Applications</i> , 2020, 14, 1925-1932.	1.1	5
102	Droop-based consensus control scheme for economic dispatch in islanded microgrids. <i>IET Generation, Transmission and Distribution</i> , 2020, 14, 4529-4538.	1.4	10
103	Evaluation of power supply capability and quality for traction power supply system considering the access of distributed generations. <i>IET Renewable Power Generation</i> , 2020, 14, 3644-3652.	1.7	7
104	Charging equaliser based on wireless power transfer for electric scooters. <i>IET Renewable Power Generation</i> , 2020, 14, 3662-3667.	1.7	0
105	Evaluation of inflammatory and cardiac-electrophysiological markers in patients undergoing peritoneal dialysis. <i>Biomarkers in Medicine</i> , 2020, 14, 1641-1649.	0.6	1
106	Design of series resonant switched-capacitor equaliser for series-connected battery strings. <i>IET Renewable Power Generation</i> , 2020, 14, 3375-3383.	1.7	3
107	Reconfigurable Intermediate Resonant Circuit Based WPT System With Load-Independent Constant Output Current and Voltage for Charging Battery. <i>IEEE Transactions on Power Electronics</i> , 2019, 34, 1988-1992.	5.4	78
108	Uniform Power IPT System With Three-Phase Transmitter and Bipolar Receiver for Dynamic Charging. <i>IEEE Transactions on Power Electronics</i> , 2019, 34, 2013-2017.	5.4	38

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109	Low Frequency Oscillation Traceability and Suppression in Railway Electrification Systems. IEEE Transactions on Industry Applications, 2019, 55, 7699-7711.	3.3	30
110	Analysis and Adaptive Mitigation Scheme of Low-Frequency Oscillations in AC Railway Traction Power Systems. IEEE Transactions on Transportation Electrification, 2019, 5, 715-726.	5.3	20
111	Stability Prediction and Damping Enhancement for MVdc Railway Electrification System. IEEE Transactions on Industry Applications, 2019, 55, 7683-7698.	3.3	10
112	Optimization of Time-Weighted Average Efficiency for Reconfigurable IPT Battery Charging System. IEEE Access, 2019, 7, 43092-43099.	2.6	11
113	Design of Zero-Current Parallel-Switched-Capacitor Voltage Equalizer for Battery Strings. , 2019, , .		8
114	Two/Three-Coil Hybrid Topology for WPT Systems Charging Electric Bicycles. , 2019, , .		3
115	Analysis and Design of Hybrid Inductive and Capacitive Wireless Power Transfer System. , 2019, , .		8
116	A fault prediction method for catenary of high-speed rails based on meteorological conditions. Journal of Modern Transportation, 2019, 27, 211-221.	2.5	6
117	Association between mineral and bone disorder in patients with acute kidney injury following cardiac surgery and adverse outcomes. BMC Nephrology, 2019, 20, 369.	0.8	2
118	Removal of Protein-Bound Uremic Toxins by Liposome-Supported Peritoneal Dialysis. Peritoneal Dialysis International, 2019, 39, 509-518.	1.1	4
119	Optimal load ratio control for dualâ€receiver dynamic wireless power transfer maintaining stable output voltage. IET Power Electronics, 2019, 12, 2669-2677.	1.5	3
120	Costâ€effective inductive power transfer charging system for electric bicycles with variable charging current using primaryâ€side detuned seriesâ€series topology. IET Electric Power Applications, 2019, 13, 1378-1386.	1.1	1
121	Single-Molecular Heteroamyloidosis of Human Islet Amyloid Polypeptide. Nano Letters, 2019, 19, 6535-6546.	4.5	27
122	Inhibition of amyloid beta toxicity in zebrafish with a chaperone-gold nanoparticle dual strategy. Nature Communications, 2019, 10, 3780.	5.8	132
123	System-Level Dynamic Energy Consumption Evaluation for High-Speed Railway. IEEE Transactions on Transportation Electrification, 2019, 5, 745-757.	5.3	29
124	Therapeutic Approaches in Mitochondrial Dysfunction, Inflammation, and Autophagy in Uremic Cachexia: Role of Aerobic Exercise. Mediators of Inflammation, 2019, 2019, 1-11.	1.4	15
125	Graphene quantum dots rescue protein dysregulation of pancreatic Î²-cells exposed to human islet amyloid polypeptide. Nano Research, 2019, 12, 2827-2834.	5.8	34
126	Bisphenol A analogs in patients with chronic kidney disease and dialysis therapy. Ecotoxicology and Environmental Safety, 2019, 185, 109684.	2.9	17

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127	A New Coil Structure and Its Optimization Design With Constant Output Voltage and Constant Output Current for Electric Vehicle Dynamic Wireless Charging. IEEE Transactions on Industrial Informatics, 2019, 15, 5244-5256.	7.2	119
128	Calcium supplementation in CVVH using regional citrate anticoagulation. Hemodialysis International, 2019, 23, 33-41.	0.4	8
129	Improved dialytic removal of protein-bound uremic toxins by intravenous lipid emulsion in chronic kidney disease rats. Nephrology Dialysis Transplantation, 2019, 34, 1842-1852.	0.4	14
130	Peptide Self-Assembly: Amyloid Self-Assembly of hAPP8 ^{Q20} via the Accumulation of Helical Oligomers, α -Helix to β -Sheet Transition, and Formation of β -Barrel Intermediates (Small 18/2019). Small, 2019, 15, 1970093.	5.2	1
131	Amyloid Self-Assembly of hAPP8 ^{Q20} via the Accumulation of Helical Oligomers, α -Helix to β -Sheet Transition, and Formation of β -Barrel Intermediates. Small, 2019, 15, e1805166.	5.2	49
132	Solute removal characteristics at various effluent rates during different continuous renal replacement therapy modalities. International Journal of Artificial Organs, 2019, 42, 354-361.	0.7	1
133	Stability Analysis of PV Plant-Tied MVdc Railway Electrification System. IEEE Transactions on Transportation Electrification, 2019, 5, 311-323.	5.3	36
134	A Misalignment Tolerant IPT System With Intermediate Coils for Constant-Current Output. IEEE Transactions on Power Electronics, 2019, 34, 7151-7155.	5.4	34
135	Serum indoxyl sulfate is associated with mortality in hospital-acquired acute kidney injury: a prospective cohort study. BMC Nephrology, 2019, 20, 57.	0.8	34
136	Adaptive droop control for better current-sharing in VSC-based MVDC railway electrification system. Journal of Modern Power Systems and Clean Energy, 2019, 7, 962-974.	3.3	13
137	Dynamic phasor Estimation Algorithm Based on MFTM for P-class PMUs. , 2019, , .		0
138	High-Frequency Instability Evaluation in Railway System Considering Frequency-Coupling Dynamics. , 2019, , .		2
139	Research Framework of the Human-Cyber-Energy Coupled Urban Energy Internet Catastrophe Analysis and Its Dynamic Early Warning. , 2019, , .		1
140	A Gas Turbine Dynamic Model Considering Power Error Correction for Distributed Cogeneration System. , 2019, , .		0
141	New parameter tuning method for LCC/LCC compensated IPT system with constant voltage output based on LC resonance principles. IET Power Electronics, 2019, 12, 2466-2474.	1.5	13
142	Two-Three-coil hybrid topology and coil design for WPT system charging electric bicycles. IET Power Electronics, 2019, 12, 2501-2512.	1.5	10
143	Control of Wireless Power Transfer Systems under Large Coil Misalignments. , 2019, , .		2
144	Extinction angle predictive control strategy for commutation failure mitigation in HVDC systems considering voltage distortion. IET Generation, Transmission and Distribution, 2019, 13, 5171-5179.	1.4	25

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145	A Cooperative Game-based Negotiation Strategy of Electric Vehicle Discharging Price. , 2019, , .		1
146	Time-weighted Average Efficiency Optimization for Reconfigurable IPT system with CC and CV outputs. , 2019, , .		4
147	Model predictive control-based load frequency control for power systems with wind-turbine generators. IET Renewable Power Generation, 2019, 13, 2871-2879.	1.7	39
148	A Series-Parallel Switched-Capacitor Equalizer for the Hybrid Energy Storage System. , 2019, , .		2
149	A New Bi-directional Wireless EV Charging Controller Tolerant to Large Pad Misalignments. , 2019, , .		4
150	General Analysis of LC Resonance Principles for Inductive Power Transfer Systems. , 2019, , .		1
151	A Self-oscillating Controller Based on Pulse Density Modulator in Wireless Power Transfer. , 2019, , .		4
152	Active balancing of lithium-ion battery cells using WPT as an energy carrier. IET Power Electronics, 2019, 12, 2578-2585.	1.5	8
153	Optimization of Condition-based Maintenance for Traction Power Supply Equipment based on Partially Observable Semi-Markov Decision Process. , 2019, , .		1
154	Improving Misalignment Tolerance for IPT System Using a Third-Coil. IEEE Transactions on Power Electronics, 2019, 34, 3009-3013.	5.4	118
155	Effect of Ionic Strength, pH and Chemical Displacers on the Percentage Protein Binding of Protein-Bound Uremic Toxins. Blood Purification, 2019, 47, 351-360.	0.9	9
156	Physical and toxicological profiles of human IAPP amyloids and plaques. Science Bulletin, 2019, 64, 26-35.	4.3	24
157	Harmonic Instability Analysis and Suppression Method Based on ± 2 -Frame Impedance for Trains and Network Interaction System. IEEE Transactions on Energy Conversion, 2019, 34, 1124-1134.	3.7	24
158	Optimized Calcium Supplementation Approach for Regional Citrate Anticoagulation. Nephron, 2019, 141, 119-127.	0.9	10
159	A Novel Forbidden-Region-Based Stability Criterion in Modified Sequence-Domain for AC Grid-Converter System. IEEE Transactions on Power Electronics, 2019, 34, 2988-2995.	5.4	17
160	A Calculation Method of Pseudo Extinction Angle for Commutation Failure Mitigation in HVDC. IEEE Transactions on Power Delivery, 2019, 34, 777-779.	2.9	41
161	New Criterion of Converter Transformer Differential Protection Based on Wavelet Energy Entropy. IEEE Transactions on Power Delivery, 2019, 34, 980-990.	2.9	21
162	Coordinated optimization of vehicle-to-grid control and load frequency control by considering statistical properties of active power imbalance. International Transactions on Electrical Energy Systems, 2019, 29, e2750.	1.2	12

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163	Increasing the removal of protein-bound uremic toxins by liposome-supported hemodialysis. <i>Artificial Organs</i> , 2019, 43, 490-503.	1.0	21
164	Prohibitin 2-mediated mitophagy attenuates renal tubular epithelial cells injury by regulating mitochondrial dysfunction and NLRP3 inflammasome activation. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F396-F407.	1.3	40
165	Nucleation of β -rich oligomers and β -barrels in the early aggregation of human islet amyloid polypeptide. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 434-444.	1.8	44
166	Hierarchical Multiobjective H-Infinity Robust Control Design for Wireless Power Transfer System Using Genetic Algorithm. <i>IEEE Transactions on Control Systems Technology</i> , 2019, 27, 1753-1761.	3.2	22
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