

Youtong Fang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

138 papers	1,039 citations	15 h-index	25 g-index
186 ext. papers	1,444 ext. citations	4.1 avg, IF	5.04 L-index

#	Paper	IF	Citations
138	Neural Predictor-Based Dynamic Surface Predictive Control for Power Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2022 , 1-1	8.9	5
137	Improving Combined Flow and Thermal Network Accuracy for Radially Air-cooled Generators by Considering the Non-linear Resistance Characteristics of T-junction Flow. <i>IEEE Transactions on Industry Applications</i> , 2022 , 1-1	4.3	
136	Neural Predictor-Based Low Switching Frequency FCS-MPC for MMC With Online Weighting Factors Tuning. <i>IEEE Transactions on Power Electronics</i> , 2022 , 37, 4065-4079	7.2	6
135	An Online Groundwall Insulation Monitoring Method Based on Transient Characteristics of Leakage Current for Inverter-Fed Motors. <i>IEEE Transactions on Power Electronics</i> , 2022 , 1-1	7.2	0
134	A Fuzzy Approximation for FCS-MPC in Power Converters. <i>IEEE Transactions on Power Electronics</i> , 2022 , 1-1	7.2	6
133	Effect of Repeated Weld Repairs on Microstructure and Mechanical Properties of Heat-Affected Zone in CA6NM Stainless Steel. <i>Advances in Materials Science and Engineering</i> , 2022 , 2022, 1-11	1.5	
132	Event-Triggered ESO-Based Robust MPC for Power Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2022 , 1-1	8.9	2
131	A Review on Multi-motor Synchronous Control Methods. <i>IEEE Transactions on Transportation Electrification</i> , 2022 , 1-1	7.6	
130	Comparative Study of Biased Flux PM Machines Having Different Stator Core Segments and Armature Winding Configurations. <i>IEEE Transactions on Transportation Electrification</i> , 2022 , 1-1	7.6	0
129	Data-Driven Neural Predictors Based Robust MPC for Power Converters. <i>IEEE Transactions on Power Electronics</i> , 2022 , 1-1	7.2	4
128	Investigation of Analytical Models for Surface-Mounted Permanent Magnet Motor Using Voltage Source Inverter. <i>IEEE Transactions on Industry Applications</i> , 2022 , 1-1	4.3	
127	Insulation Degradation Analysis Due to Thermo-Mechanical Stress in Deep-Sea Oil-Filled Motors. <i>Energies</i> , 2022 , 15, 3963	3.1	0
126	Improved Model Predictive Control for Three-Phase Dual-Active-Bridge Converters With a Hybrid Modulation. <i>IEEE Transactions on Power Electronics</i> , 2021 , 1-1	7.2	2
125	Model-Free Sequential Predictive Control for MMC with Variable Candidate Set. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 1-1	5.6	5
124	Design and Implementation of an Auto-Oriented Bidirectional ZCS Hybrid Circuit Breaker. <i>IEEE Access</i> , 2021 , 9, 152421-152429	3.5	
123	Comparative Study Between Doubly Salient PM Machine With New Stator/Rotor-Pole Number Combination and Biased Flux PM Machine. <i>IEEE Transactions on Industry Applications</i> , 2021 , 57, 2354-2363	4.3	3
122	Effect of Co addition on hardness and electrical conductivity of Cu ₃ Si alloys. <i>Journal of Materials Science</i> , 2021 , 56, 14821-14831	4.3	3

121	Analytical prediction of electromagnetic performance of dual-stator consequent-pole PM machines based on subdomain model accounting for tooth-tips. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2021 , 40, 289-308	0.7	
120	Electromagnetic Performance Comparison of Doubly Salient PM Machines With Different Stator Iron Core Segments. <i>IEEE Transactions on Industry Applications</i> , 2021 , 57, 3699-3709	4.3	
119	Novel Fault-Tolerant Doubly Fed Flux Reversal Machine With Armature Windings Wound on Both Stator and Rotor Teeth. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 4780-4789	8.9	5
118	Harmonic Torque Suppression Methods for Single-Phase Open-Circuit Fault-Tolerant Operation of PMSM Considering Third Harmonic BEMF. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 1116-1129	7.2	6
117	A Novel Axially Magnetized Vernier Permanent-Magnet Machine. <i>IEEE Transactions on Magnetics</i> , 2021 , 57, 1-5	2	2
116	A Fast Finite-Level-State Model Predictive Control Strategy for Sensorless Modular Multilevel Converter. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 3570-3581	5.6	14
115	A Hybrid Model of Permanent-Magnet Machines Combining Fourier Analytical Model With Finite Element Method, Taking Magnetic Saturation Into Account. <i>IEEE Transactions on Magnetics</i> , 2021 , 57, 1-5	2	5
114	Comparative Analysis of Doubly Fed Flux-Reversal Permanent Magnet Machines With Different PM Arrangements and Consequent-Pole Topologies. <i>IEEE Transactions on Magnetics</i> , 2021 , 57, 1-6	2	0
113	Multialgorithm Fusion Image Processing for High Speed Railway Dropper FailureDefect Detection. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 4466-4478	7.3	12
112	Event-Triggered Neural Predictor-Based FCS-MPC for MMC. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	9
111	A novel concentrated-winding Vernier pseudo-direct-drive permanent-magnet machine. <i>IEEE Transactions on Magnetics</i> , 2021 , 1-1	2	
110	Influence of Start Rotor Position on 3-Phase Short Circuit Current in Dual 3-Phase Surface-Mounted PM Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	0
109	Comparison of Subdomain, Complex Permeance, and Relative Permeance Models for a Wide Family of Permanent-Magnet Machines. <i>IEEE Transactions on Magnetics</i> , 2021 , 57, 1-5	2	6
108	Nonlinear analysis of interleaved boost converter with a novel valley V2 control. <i>International Transactions on Electrical Energy Systems</i> , 2021 , 31, e13011	2.2	
107	. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 10409-10419	7.2	2
106	Influence of Dimensional Parameters on Three-Phase Short Circuit and Demagnetization in Surface-Mounted PM Machines. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 36, 2514-2523	5.4	4
105	Modeling of a Novel 12-Stator-Pole/10-Rotor-Tooth Doubly-Fed Flux-Switching Permanent Magnet Machine. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 36, 2206-2216	5.4	6
104	Optimal Simultaneous PWM Control for Three- Phase Dual-Active-Bridge Converters to Minimize Current Stress in the Whole Load Range. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 5822-5837	5.6	3

103	Predictor-Based Neural Network Finite-Set Predictive Control for Modular Multilevel Converter. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 11621-11627	8.9	14
102	Efficient model-free predictive power control for active front-end modular multilevel converter. <i>International Journal of Electrical Power and Energy Systems</i> , 2021 , 132, 107058	5.1	
101	Improved Stator/Rotor-Pole Number Combinations for Torque Ripple Reduction in Doubly Salient PM Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 10601-10611	8.9	5
100	Investigation of Postdemagnetization Unbalanced Magnetic Force in PM Machines Considering Short-Circuit Faults. <i>IEEE Transactions on Transportation Electrification</i> , 2021 , 7, 2728-2742	7.6	
99	An Overmodulation Strategy for Matrix Converter Under Unbalanced Input Voltages. <i>IEEE Access</i> , 2021 , 9, 2345-2356	3.5	4
98	Analysis of Dual-Armature Flux Reversal Permanent Magnet Machines with Halbach Array Magnets. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 1-1	5.4	3
97	Lyapunov-Based Fast Finite-State Model Predictive Control for Sensorless Three-Phase Four-Arm MMC. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 1-1	5.6	1
96	Influence of Load Characteristics on Three-Phase Short Circuit and Demagnetization of Surface-Mounted PM Synchronous Motor. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 2427-2440	4.3	5
95	Adaptive Torque Ripple Suppression Methods of Three-Phase PMSM During Single-Phase Open-Circuit Fault-Tolerant Operation. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 4955-4965	4.3	11
94	Torque Ripple Reduction of a Salient-Pole Permanent Magnet Synchronous Machine With an Advanced Step-Skewed Rotor Design. <i>IEEE Access</i> , 2020 , 8, 118989-118999	3.5	3
93	Optimization Research on a Switching Power Amplifier and a Current Control Strategy of Active Magnetic Bearing. <i>IEEE Access</i> , 2020 , 8, 34833-34841	3.5	11
92	Fast Finite-Set Model Predictive Control for Three-Phase Four-Arm Active Front End Modular Multilevel Converters Under Unbalanced and Distorted Network Conditions. <i>IEEE Access</i> , 2020 , 8, 30504-30514	3.5	14
91	DC-Link-Fluctuation-Resistant Predictive Torque Control for Railway Traction Permanent Magnet Synchronous Motor in the Six-Step Operation. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 10982-10993	7.3	10
90	Comparative Study of Novel Doubly-Fed Linear Switched Flux Permanent Magnet Machines With Different Primary Structures. <i>IEEE Access</i> , 2020 , 8, 69401-69412	3.5	4
89	Predicting Airflow Distribution in A Radially Air-Cooled Generator by Flow Network Method 2020 ,		1
88	TimeFrequency Characteristics Research of Common Mode Current in PWM Motor System. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 1450-1458	7.2	5
87	A Novel Doubly-Fed Flux-Switching Permanent Magnet Machine With Armature Windings Wound on Both Stator Poles and Rotor Teeth. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 10223-10232	8.9	23
86	Current Prediction Error Reduction Method of Predictive Current Control for Permanent Magnet Synchronous Motors. <i>IEEE Access</i> , 2020 , 8, 124288-124296	3.5	2

85	Inhomogeneous ablation behaviors and failure mechanism of copper cathode in air. <i>Science China Technological Sciences</i> , 2020 , 63, 2384-2394	3.5	5
84	Single- and Two-Phase Open-Circuit Fault Tolerant Control for Dual Three-Phase PM Motor Without Phase Shifting. <i>IEEE Access</i> , 2020 , 8, 171945-171955	3.5	3
83	. <i>IEEE Access</i> , 2020 , 8, 200209-200218	3.5	0
82	Finite-Level-State Model Predictive Control for Sensorless Three-Phase Four-Arm Modular Multilevel Converter. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 4462-4466	7.2	22
81	On-Load Field Prediction in SPM Machines by a Subdomain and Magnetic Circuit Hybrid Model. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 7190-7201	8.9	44
80	Space Vector Modulation for SiC and Si Hybrid ANPC Converter in Medium-Voltage High-Speed Drive System. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 3390-3401	7.2	11
79	Modeling and Design of a 3-DOF Magnetic Bearing With Toroidal Radial Control Coils. <i>IEEE Transactions on Magnetics</i> , 2019 , 55, 1-7	2	2
78	A Novel Structure of Doubly Salient Permanent Magnet Machine in Square Envelope. <i>IEEE Transactions on Magnetics</i> , 2019 , 55, 1-5	2	12
77	Influence of Clamping Bolts on Electromagnetic Performance of PMSM Machines and Its Restraining Methods. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 4567-4577	4.3	1
76	Magnetic Field Prediction in Surface-Mounted PM Machines with Parallel Slot Based on a Nonlinear Subdomain and Magnetic Circuit Hybrid Model 2019 ,		3
75	Influence of Load Characteristics on Three-Phase Short Circuit and Demagnetization of Surface-Mounted PM Synchronous Motor 2019 ,		1
74	Comparative Study Between Doubly Salient PM Machine with New Stator/Rotor-Pole Number Combination and Biased Flux PM Machine 2019 ,		2
73	Optimal Design of Outer Rotor Interior Permanent Magnet Synchronous Machine With Hybrid Permanent Magnet. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-5	1.8	6
72	A Subdomain Model for Open-Circuit Field Prediction in Dual-Stator Consequent-Pole Permanent Magnet Machines. <i>IEEE Transactions on Magnetics</i> , 2019 , 55, 1-12	2	9
71	A Nonlinear Subdomain and Magnetic Circuit Hybrid Model for Open-Circuit Field Prediction in Surface-Mounted PM Machines. <i>IEEE Transactions on Energy Conversion</i> , 2019 , 34, 1485-1495	5.4	34
70	A Hybrid Interior Permanent Magnet Variable Flux Memory Machine Using Two-Part Rotor. <i>IEEE Transactions on Magnetics</i> , 2019 , 55, 1-8	2	9
69	Design and Analysis of Outer Rotor Permanent-Magnet Vernier Machines with Overhang Structure for In-Wheel Direct-Drive Application. <i>Energies</i> , 2019 , 12, 1238	3.1	5
68	A Simple and Practical Duty Cycle Modulated Direct Torque Control for Permanent Magnet Synchronous Motors. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 1572-1579	7.2	24

67	Improved Stator/Rotor-Pole Number Combinations for Torque Ripple Reduction in Doubly Salient PM Machines 2019 ,		2
66	Stator Design Aspects for Permanent Magnet Superconducting Wind Power Generators. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-5	1.8	4
65	An Adaptive Torque Ripple Suppression Method of Three-Phase PMSM During Single-Phase Open-Circuit Fault-Tolerant Operation 2019 ,		1
64	Dynamic Modeling of Surface-Mounted Permanent Magnet Motors Considering Saturation 2019 ,		1
63	High-torque-density pseudo-direct-drive permanent-magnet machine with less magnet. <i>IET Electric Power Applications</i> , 2018 , 12, 37-44	1.8	11
62	Compensation of DC-Link Voltage Fluctuation for Railway Traction PMSM in Multiple Low-Switching-Frequency Synchronous Space Vector Modulation Modes. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 235-250	6.8	15
61	Improved Flux-Weakening Control of IPMSMs Based on Torque Feedforward Technique. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 10970-10978	7.2	19
60	Analysis of a Novel Double-Sided Yokeless Multitooth Linear Switched-Flux PM Motor. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 1837-1845	8.9	35
59	A Hybrid Field Model for Open-Circuit Field Prediction in Surface-Mounted PM Machines Considering Saturation. <i>IEEE Transactions on Magnetics</i> , 2018 , 54, 1-12	2	27
58	Prediction Error Analysis of Finite-Control-Set Model Predictive Current Control for IPMSMs. <i>Energies</i> , 2018 , 11, 2051	3.1	6
57	Influence of Clamping Bolts on Electromagnetic Performance of PMSM Machines and its Restraining Methods 2018 ,		1
56	Comparison of Electromagnetic Performance of Superconducting Permanent Magnet Wind Power Generator with Different Topologies 2018 ,		2
55	Comparison of PMSMs with Different Rotor Structures for EV Application 2018 ,		2
54	A Novel Structure of Doubly Salient Permanent Magnet Machine 2018 ,		2
53	Dynamic Reluctance Mesh Modeling and Losses Evaluation of Permanent Magnet Traction Motor. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-4	2	7
52	Analytical Modeling of a Novel Vernier Pseudo-Direct-Drive Permanent-Magnet Machine. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-4	2	10
51	Design of a Dual-Stator Superconducting Permanent Magnet Wind Power Generator With Different Rotor Configuration. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-4	2	10
50	A Novel Single-PM-Array Magnetic Gear With HTS Bulks. <i>IEEE Transactions on Applied Superconductivity</i> , 2017 , 27, 1-5	1.8	5

49	Deep flux weakening control with six-step overmodulation for a segmented interior permanent magnet synchronous motor 2017 ,		5
48	An Improved Magnetic Circuit Model of a 3-DOF Magnetic Bearing Considering Leakage and Cross-Coupling Effects. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-6	2	10
47	Design and Performance Investigation of Novel Linear Switched Flux PM Machines. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 4590-4602	4-3	14
46	Optimal charging method for mismatched transceiver coils in wireless power transfer 2017 ,		1
45	Optimal power transfer with aluminum shielding for wireless power transfer systems 2017 ,		1
44	Investigation of cross-coupling effect of a 3-DOF magnetic bearing using magnetic circuit method 2017 ,		4
43	A comparative study on two outer rotor PMSMs for in-wheel direct drive under short-circuit faults 2017 ,		3
42	Comparison of direct-drive permanent-magnet synchronous motor and permanent-magnet flux-modulated motor for electric vehicles 2017 ,		5
41	Enhancing the ag precipitation by surface mechanical attrition treatment on Cu-Ag alloys. <i>Metals and Materials International</i> , 2016 , 22, 831-835	2-4	4
40	Shim Coil Set for an Open Biplanar MRI System Using an Inverse Boundary Element Method. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-5	1.8	3
39	A Novel Design Method of Passive Shimming for 0.7-T Biplanar Superconducting MRI Magnet. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-5	1.8	6
38	Development of Electromagnetic Forming NbTi Superconducting Joint. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-5	1.8	1
37	Predicting Iron Losses in Soft Magnetic Materials Under DC Bias Conditions Based on Steinmetz Premagnetization Graph. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-4	2	8
36	Simulation of an Electromagnetic Launcher With a Superconducting Inductive Pulsed Power Supply. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-5	1.8	3
35	Solar PV-Powered SRM Drive for EVs With Flexible Energy Control Functions. <i>IEEE Transactions on Industry Applications</i> , 2016 , 52, 3357-3366	4-3	27
34	Strengthening Effect of Ag Precipitates in CuAg Alloys: A Quantitative Approach. <i>Materials Research Letters</i> , 2016 , 4, 37-42	7-4	13
33	Slotted Permanent-Magnet Machines: General Analytical Model of Magnetic Fields, Torque, Eddy Currents, and Permanent-Magnet Power Losses Including the Diffusion Effect. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-13	2	36
32	Design optimization and performance investigation of novel linear switched flux PM machines 2016 ,		2

31	Influence of Magnet Height on Unbalanced Magnetic Force of Surface-Mounted Permanent Magnet Machines 2016 ,		1
30	Performance of partitioned primary linear switched flux PM machines 2016 ,		4
29	Voltage transfer ratio analysis for multi-receiver resonant power transfer systems. <i>IET Power Electronics</i> , 2016 , 9, 2795-2802	2.2	5
28	Dislocation Strengthening without Ductility Trade-off in Metastable Austenitic Steels. <i>Scientific Reports</i> , 2016 , 6, 35345	4.9	18
27	Magnetic field design for optimal wireless power transfer to multiple receivers. <i>IET Power Electronics</i> , 2016 , 9, 1885-1893	2.2	12
26	Design and Analysis of a Switched Reluctance Motor with Superconducting Windings and Tapering Poles. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-4	1.8	6
25	Analysis of Inductance Calculation of Coaxial Circular Coils With Rectangular Cross Section Using Inverse Hyperbolic Functions. <i>IEEE Transactions on Applied Superconductivity</i> , 2015 , 25, 1-9	1.8	6
24	Evaluation of Applying Retaining Shield Rotor for High-Speed Interior Permanent Magnet Motors. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	4
23	Motor-Driven Giant Magnetostrictive Actuator. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-7	2	9
22	Investigation of PMLM with different type winding for ropeless elevator 2015 ,		2
21	Stress-Based Variable Inductor for Electronic Ballasts. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	1
20	Performance and control method of PMSMs traction system in high speed train under passing neutral section condition 2015 ,		1
19	Performance investigation of a novel multi-tooth switched-flux linear motor 2015 ,		2
18	Investigation of double-sided multi-tooth switched-flux linear motor 2015 ,		6
17	Tri-port converter for flexible energy control of PV-fed electric vehicles 2015 ,		1
16	Construction of FeS ₂ -Sensitized ZnO@ZnS Nanorod Arrays with Enhanced Optical and Photoresponse Performances. <i>Advanced Materials Interfaces</i> , 2015 , 2, 1500163	4.6	15
15	Predicting Iron Losses in Laminated Steel with Given Non-Sinusoidal Waveforms of Flux Density. <i>Energies</i> , 2015 , 8, 13726-13740	3.1	11
14	FeS ₂ -sensitized ZnO/ZnS nanorod arrays for the photoanodes of quantum-dot-sensitized solar cells. <i>RSC Advances</i> , 2015 , 5, 105324-105328	3.7	9

13	Comparison of synchronization control techniques for traction motors of high-speed trains 2014 ,		8
12	In Situ Study of Thermal Stability of Copper Oxide Nanowires at Anaerobic Environment. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-6	3.2	7
11	Cracking in a Fe _{0.5} Mn _{0.5} Si _{0.5} Al Steel. <i>Materials Research Letters</i> , 2014 , 2, 204-208	7.4	7
10	A novel transverse-flux switched-flux PM linear motor 2013 ,		2
9	Thermal analysis of a brushless DC motor for aerospace application using thermal network models 2013 ,		1
8	Design of in-wheel permanent magnet synchronous motor with concentrated fractional-slot winding and winding switching technology 2013 ,		1
7	Design of a Five-Phase Brushless DC Motor for a Safety Critical Aerospace Application. <i>IEEE Transactions on Industrial Electronics</i> , 2012 , 59, 3532-3541	8.9	65
6	A Single Sided Matrix Converter Drive for a Brushless DC Motor in Aerospace Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2012 , 59, 3542-3552	8.9	63
5	A Brushless DC motor design for an aircraft electro-hydraulic actuation system 2011 ,		5
4	Thrust Force of Novel PM Transverse Flux Linear Oscillating Actuators With Moving Magnet. <i>IEEE Transactions on Magnetics</i> , 2011 , 47, 4211-4214	2	18
3	Design and analysis of hybrid excitation rail eddy current brake system of high-speed train 2011 ,		2
2	A new design method for completely open architecture permanent magnet for MRI. <i>IEEE Transactions on Magnetics</i> , 2005 , 41, 1504-1507	2	14
1	Optimal design and FEM analysis of the superconducting magnets of EMS-MAGLEV models using Bi-2223 tapes. <i>IEEE Transactions on Applied Superconductivity</i> , 2004 , 14, 1850-1853	1.8	10