

Ming Cheng

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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.

414
papers

9,487
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49
h-index

79
g-index

507
ext. papers

12,267
ext. citations

4.9
avg, IF

6.94
L-index

#	Paper	IF	Citations
414	Overview of Stator-Permanent Magnet Brushless Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 5087-5101	8.9	485
413	The state of the art of wind energy conversion systems and technologies: A review. <i>Energy Conversion and Management</i> , 2014 , 88, 332-347	10.6	339
412	Analysis and Optimization of Back EMF Waveform of a Flux-Switching Permanent Magnet Motor. <i>IEEE Transactions on Energy Conversion</i> , 2008 , 23, 727-733	5.4	241
411	. <i>IEEE Transactions on Magnetics</i> , 2012 , 48, 2374-2384	2	222
410	General Airgap Field Modulation Theory for Electrical Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 6063-6074	8.9	204
409	A Novel Hybrid Excitation Flux-Switching Motor for Hybrid Vehicles. <i>IEEE Transactions on Magnetics</i> , 2009 , 45, 4728-4731	2	174
408	Frequency-Adaptive Fractional-Order Repetitive Control of Shunt Active Power Filters. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 1659-1668	8.9	141
407	Back-EMF Harmonic Analysis and Fault-Tolerant Control of Flux-Switching Permanent-Magnet Machine With Redundancy. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 1926-1935	8.9	139
406	Nonlinear varying-network magnetic circuit analysis for doubly salient permanent-magnet motors. <i>IEEE Transactions on Magnetics</i> , 2000 , 36, 339-348	2	120
405	Distributed MPC-Based Secondary Voltage Control Scheme for Autonomous Droop-Controlled Microgrids. <i>IEEE Transactions on Sustainable Energy</i> , 2017 , 8, 792-804	8.2	111
404	Field-Oriented Control and Direct Torque Control for Paralleled VSIs Fed PMSM Drives With Variable Switching Frequencies. <i>IEEE Transactions on Power Electronics</i> , 2016 , 31, 2417-2428	7.2	106
403	Modeling of a Complementary and Modular Linear Flux-Switching Permanent Magnet Motor for Urban Rail Transit Applications. <i>IEEE Transactions on Energy Conversion</i> , 2012 , 27, 489-497	5.4	102
402	A Fault-Tolerant Permanent-Magnet Traction Module for Subway Applications. <i>IEEE Transactions on Power Electronics</i> , 2014 , 29, 1646-1658	7.2	101
401	Static characteristics of a new doubly salient permanent magnet motor. <i>IEEE Transactions on Energy Conversion</i> , 2001 , 16, 20-25	5.4	98
400	Remedial Injected-Harmonic-Current Operation of Redundant Flux-Switching Permanent-Magnet Motor Drives. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 151-159	8.9	95
399	Modeling, Analysis, and Design of Multifunction Grid-Interfaced Inverters With Output LCL Filter. <i>IEEE Transactions on Power Electronics</i> , 2014 , 29, 3830-3839	7.2	87
398	A new three-phase doubly salient permanent magnet machine for wind power generation. <i>IEEE Transactions on Industry Applications</i> , 2006 , 42, 53-60	4.3	87

397	Core Loss Analysis and Calculation of Stator Permanent-Magnet Machine Considering DC-Biased Magnetic Induction. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 5203-5212	8.9	83
396	Online Interturn Fault Diagnosis of Permanent Magnet Synchronous Machine Using Zero-Sequence Components. <i>IEEE Transactions on Power Electronics</i> , 2015 , 30, 6731-6741	7.2	83
395	Comprehensive Diagnosis and Tolerance Strategies for Electrical Faults and Sensor Faults in Dual Three-Phase PMSM Drives. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 6669-6684	7.2	83
394	Flux-Regulation Theories and Principles of Hybrid-Excited Flux-Switching Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 5359-5369	8.9	80
393	Thermal Analysis and Cooling System Design of Dual Mechanical Port Machine for Wind Power Application. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 1724-1733	8.9	80
392	Torque Ripple Suppression in Flux-Switching PM Motor by Harmonic Current Injection Based on Voltage Space-Vector Modulation. <i>IEEE Transactions on Magnetics</i> , 2010 , 46, 1527-1530	2	80
391	Steady-State Analysis of Electric Springs With a Novel π Control. <i>IEEE Transactions on Power Electronics</i> , 2015 , 30, 7159-7169	7.2	79
390	Sensorless SVPWM-FADTC of a New Flux-Modulated Permanent-Magnet Wheel Motor Based on a Wide-Speed Sliding Mode Observer. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 3143-3151	8.9	78
389	Investigation and General Design Principle of a New Series of Complementary and Modular Linear FSPM Motors. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 5436-5446	8.9	77
388	. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 2165-2175	8.9	76
387	Analysis of a Novel Magnetic-Geared Dual-Rotor Motor With Complementary Structure. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 6737-6747	8.9	73
386	Design and Analysis of Linear Stator Permanent Magnet Vernier Machines. <i>IEEE Transactions on Magnetics</i> , 2011 , 47, 4219-4222	2	72
385	A Transient Cosimulation Approach to Performance Analysis of Hybrid Excited Doubly Salient Machine Considering Indirect Field-Circuit Coupling. <i>IEEE Transactions on Magnetics</i> , 2007 , 43, 2558-2560 ²		71
384	Comparison of Stator-Mounted Permanent-Magnet Machines Based on a General Power Equation. <i>IEEE Transactions on Energy Conversion</i> , 2009 , 24, 826-834	5.4	64
383	An outer-rotor flux-switching permanent-magnet-machine with wedge-shaped magnets for in-wheel light traction. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 69-80	8.9	63
382	Advanced Electrical Machines and Machine-Based Systems for Electric and Hybrid Vehicles. <i>Energies</i> , 2015 , 8, 9541-9564	3.1	62
381	A Generic Digital n th pm m -Order Harmonic Repetitive Control Scheme for PWM Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 1516-1527	8.9	62
380	Remedial Brushless AC Operation of Fault-Tolerant Doubly Salient Permanent-Magnet Motor Drives. <i>IEEE Transactions on Industrial Electronics</i> , 2010 , 57, 2134-2141	8.9	62

379	. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 481-493	8.9	61
378	Analysis of Fault-Tolerant Performance of a Doubly Salient Permanent-Magnet Motor Drive Using Transient Cosimulation Method. <i>IEEE Transactions on Industrial Electronics</i> , 2008 , 55, 1739-1748	8.9	61
377	Effects of various organic carbon sources on simultaneous V(V) reduction and bioelectricity generation in single chamber microbial fuel cells. <i>Bioresource Technology</i> , 2016 , 201, 105-10	11	59
376	A Simple Active and Reactive Power Control for Applications of Single-Phase Electric Springs. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 6291-6300	8.9	57
375	Sparse Representation Based Pansharpening Using Trained Dictionary. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014 , 11, 293-297	4.1	53
374	Comparison Between Linear Induction Motor and Linear Flux-Switching Permanent-Magnet Motor for Railway Transportation. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 9394-9405	8.9	51
373	A General Parallel Structure Repetitive Control Scheme for Multiphase DC/AC PWM Converters. <i>IEEE Transactions on Power Electronics</i> , 2013 , 28, 3980-3987	7.2	51
372	Speed Control of Complementary and Modular Linear Flux-Switching Permanent-Magnet Motor. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 4056-4064	8.9	51
371	Fractional-order repetitive control of programmable AC power sources. <i>IET Power Electronics</i> , 2014 , 7, 431-438	2.2	51
370	Design and Analysis of a New Flux Memory Doubly Salient Motor Capable of Online Flux Control. <i>IEEE Transactions on Magnetics</i> , 2011 , 47, 3220-3223	2	51
369	COMPARISON OF MAGNETIC-GEARED PERMANENT-MAGNET MACHINES. <i>Progress in Electromagnetics Research</i> , 2013 , 133, 177-198	3.8	50
368	Optimal Design of Double-Layer Permanent Magnet Dual Mechanical Port Machine for Wind Power Application. <i>IEEE Transactions on Magnetics</i> , 2009 , 45, 4613-4616	2	50
367	Comparison of electromagnetic performance of brushless motors having magnets in stator and rotor. <i>Journal of Applied Physics</i> , 2008 , 103, 07F124	2.5	50
366	Fault diagnosis of wind turbine based on multi-sensors information fusion technology. <i>IET Renewable Power Generation</i> , 2014 , 8, 289-298	2.9	49
365	Detection and Discrimination of Open-Phase Fault in Permanent Magnet Synchronous Motor Drive System. <i>IEEE Transactions on Power Electronics</i> , 2015 , 1-1	7.2	49
364	Dynamic Performance Evaluation of a Nine-Phase Flux-Switching Permanent-Magnet Motor Drive With Model Predictive Control. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 4539-4549	8.9	49
363	Design of Five-Phase Modular Flux-Switching Permanent-Magnet Machines for High Reliability Applications. <i>IEEE Transactions on Magnetics</i> , 2013 , 49, 3941-3944	2	48
362	Thermal Modeling of Flux-Switching Permanent-Magnet Machines Considering Anisotropic Conductivity and Thermal Contact Resistance. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 3355-3365	8.9	47

361	Comparison of Flux-Switching PM Motors With Different Winding Configurations Using Magnetic Gearing Principle. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-8	2	47
360	Flicker Mitigation by Individual Pitch Control of Variable Speed Wind Turbines With DFIG. <i>IEEE Transactions on Energy Conversion</i> , 2014 , 29, 20-28	5-4	47
359	Common Model Predictive Control for Permanent-Magnet Synchronous Machine Drives Considering Single-Phase Open-Circuit Fault. <i>IEEE Transactions on Power Electronics</i> , 2017 , 32, 5862-5872	7-2	47
358	Mathematical Modeling of a 12-Phase Flux-Switching Permanent-Magnet Machine for Wind Power Generation. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 504-516	8-9	46
357	Investigation of an Improved Hybrid-Excitation Flux-Switching Brushless Machine for HEV/EV Applications. <i>IEEE Transactions on Industry Applications</i> , 2015 , 51, 3791-3799	4-3	46
356	Electromagnetic and Thermal Analysis of Open-Circuit Air Cooled High-Speed Permanent Magnet Machines With Gramme Ring Windings. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-4	2	46
355	Phase Compensation Multiresonant Control of CVCF PWM Converters. <i>IEEE Transactions on Power Electronics</i> , 2013 , 28, 3923-3930	7-2	46
354	Electromagnetic Performance Analysis of a New Stator-Permanent-Magnet Doubly Salient Flux Memory Motor Using a Piecewise-Linear Hysteresis Model. <i>IEEE Transactions on Magnetics</i> , 2011 , 47, 1106-1109	2	46
353	Stator-Flux-Oriented Fault-Tolerant Control of Flux-Switching Permanent-Magnet Motors. <i>IEEE Transactions on Magnetics</i> , 2011 , 47, 4191-4194	2	46
352	Analytical Approach for Cogging Torque Reduction in Flux-Switching Permanent Magnet Machines Based on Magnetomotive Force-Permeance Model. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 1965-1979	8-9	46
351	Direct Torque Control of T-NPC Inverters-Fed Double-Stator-Winding PMSM Drives With SVM. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 1541-1553	7-2	45
350	Remedial Strategies of T-NPC Three-Level Asymmetric Six-Phase PMSM Drives Based on SVM-DTC. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 6841-6853	8-9	44
349	. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 2628-2638	8-9	44
348	A Fault-Tolerant Direct Torque Control for Six-Phase Permanent Magnet Synchronous Motor With Arbitrary Two Opened Phases Based on Modified Variables. <i>IEEE Transactions on Energy Conversion</i> , 2016 , 31, 549-556	5-4	43
347	A Novel Maximum Power Point Tracking Control for Permanent Magnet Direct Drive Wind Energy Conversion Systems. <i>Energies</i> , 2012 , 5, 1398-1412	3-1	42
346	Controllability and Performance of a Nine-Phase FSPM Motor Under Severe Five Open-Phase Fault Conditions. <i>IEEE Transactions on Energy Conversion</i> , 2016 , 31, 323-332	5-4	41
345	Brushless doubly-fed machines: Opportunities and challenges. <i>Chinese Journal of Electrical Engineering</i> , 2018 , 4, 1-17	4	41
344	A Novel Energy Management Strategy of Onboard Supercapacitor for Subway Applications With Permanent-Magnet Traction System. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 2578-2588	6-8	41

343	Electromagnetic Performance Analysis of Hybrid-Excited Flux-Switching Machines by a Nonlinear Magnetic Network Model. <i>IEEE Transactions on Magnetics</i> , 2011 , 47, 3216-3219	2	41
342	A Linear Doubly Salient Permanent-Magnet Motor With Modular and Complementary Structure. <i>IEEE Transactions on Magnetics</i> , 2011 , 47, 4809-4821	2	41
341	Direct Voltage Control of Dual-Stator Brushless Doubly Fed Induction Generator for Stand-Alone Wind Energy Conversion Systems. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-4	2	40
340	Analysis of Fault Tolerant Control for a Nine-Phase Flux-Switching Permanent Magnet Machine. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-4	2	40
339	Fault-Tolerant Direct Torque Control of Five-Phase FTFSCW-IPM Motor Based on Analogous Three-Phase SVPWM for Electric Vehicle Applications. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 910-919	6.8	40
338	Fault-Tolerant Sensorless Control of a Five-Phase FTFSCW-IPM Motor Based on a Wide-Speed Strong-Robustness Sliding Mode Observer. <i>IEEE Transactions on Energy Conversion</i> , 2018 , 33, 87-95	5.4	40
337	Coupled Electromagnetic-Thermal-Mechanical Analysis for Accurate Prediction of Dual-Mechanical-Port Machine Performance. <i>IEEE Transactions on Industry Applications</i> , 2012 , 48, 2240-2248	4.3	39
336	Design and Optimization of a Flux-Modulated Permanent Magnet Motor Based on an Airgap-Harmonic-Orientated Design Methodology. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 5337-5348	8.9	39
335	Emerging Multiport Electrical Machines and Systems: Past Developments, Current Challenges, and Future Prospects. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 5422-5435	8.9	38
334	A Bidirectional High-Frequency-Link Single-phase Inverter: Modulation, Modeling, and Control. <i>IEEE Transactions on Power Electronics</i> , 2014 , 29, 4049-4057	7.2	38
333	Proportional resonant individual pitch control for mitigation of wind turbines loads. <i>IET Renewable Power Generation</i> , 2013 , 7, 191-200	2.9	38
332	Systematic multi-level optimization design and dynamic control of less-rare-earth hybrid permanent magnet motor for all-climatic electric vehicles. <i>Applied Energy</i> , 2019 , 253, 113549	10.7	37
331	Phase Compensation Resonant Controller for PWM Converters. <i>IEEE Transactions on Industrial Informatics</i> , 2013 , 9, 957-964	11.9	37
330	Harmonics Suppression for Critical Loads Using Electric Springs With Current-Source Inverters. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2016 , 4, 1362-1369	5.6	36
329	Spontaneous arsenic (III) oxidation with bioelectricity generation in single-chamber microbial fuel cells. <i>Journal of Hazardous Materials</i> , 2016 , 306, 8-12	12.8	36
328	Analysis of the Oversaturated Effect in Hybrid Excited Flux-Switching Machines. <i>IEEE Transactions on Magnetics</i> , 2011 , 47, 2827-2830	2	36
327	Optimal design of stator interior permanent magnet machine with minimized cogging torque for wind power application. <i>Energy Conversion and Management</i> , 2008 , 49, 2100-2105	10.6	36
326	Design and Comparison of Three-Phase and Five-Phase FTFSCW-IPM Motor Open-End Winding Drive Systems for Electric Vehicles Applications. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 385-396	6.8	36

325	Analysis of the Operation Principle for Rotor-Permanent-Magnet Flux-Switching Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 1062-1073	8.9	36
324	Linear primary permanent magnet vernier machine for wave energy conversion. <i>IET Electric Power Applications</i> , 2015 , 9, 203-212	1.8	35
323	Analysis, design and experimental verification of a field-modulated permanent-magnet machine for direct-drive wind turbines. <i>IET Electric Power Applications</i> , 2015 , 9, 150-159	1.8	35
322	. <i>IEEE Transactions on Magnetics</i> , 2013 , 49, 1493-1504	2	34
321	Analysis of Two Novel Five-Phase Hybrid-Excitation Flux-Switching Machines for Electric Vehicles. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-5	2	34
320	Design and Analysis of a Brushless Doubly-Fed Induction Machine With Dual-Stator Structure. <i>IEEE Transactions on Energy Conversion</i> , 2016 , 31, 1132-1141	5.4	34
319	Analysis and Control of Complementary Magnetic-Geared Dual-Rotor Motor. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 6715-6725	8.9	33
318	Design, analysis and control of hybrid excited doubly salient stator-permanent-magnet motor. <i>Science China Technological Sciences</i> , 2010 , 53, 188-199	3.5	33
317	. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 4711-4721	7.2	32
316	Improvement of Operating Performance for the Wind Farm With a Novel CSC-Type Wind Turbine-SMES Hybrid System. <i>IEEE Transactions on Power Delivery</i> , 2013 , 28, 693-703	4.3	32
315	A Novel Flux-Switching Permanent Magnet Machine With Overlapping Windings. <i>IEEE Transactions on Energy Conversion</i> , 2017 , 32, 172-183	5.4	32
314	DC-Link Current Ripple Mitigation for Current-Source Grid-Connected Converters Under Unbalanced Grid Conditions. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 4967-4977	8.9	31
313	A Dual-Level Hysteresis Current Control for One Five-Leg VSI to Control Two PMSMs. <i>IEEE Transactions on Power Electronics</i> , 2017 , 32, 804-814	7.2	30
312	Comprehensive Investigation on Remedial Operation of Switch Faults for Dual Three-Phase PMSM Drives Fed by T-3L Inverters. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 4574-4587	8.9	29
311	Position Sensorless Control of Interleaved CSI Fed PMSM Drive With Extended Kalman Filter. <i>IEEE Transactions on Magnetics</i> , 2012 , 48, 3688-3691	2	29
310	A Linear Doubly-Salient HTS Machine for Wave Energy Conversion. <i>IEEE Transactions on Applied Superconductivity</i> , 2011 , 21, 1109-1113	1.8	29
309	Fault-Tolerant Control of Paralleled-Voltage-Source-Inverter-Fed PMSM Drives. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 4749-4760	8.9	28
308	Static Characteristics of Doubly-salient Brushless Machines Having Magnets in the Stator Considering End-effect. <i>Electric Power Components and Systems</i> , 2008 , 36, 754-770	1	28

307	Motion Control and Performance Evaluation of a Magnetic-Geared Dual-Rotor Motor in Hybrid Powertrain. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 1863-1872	8.9	27
306	Calculation of PM Eddy Current Loss in IPM Machine Under PWM VSI Supply With Combined 2-D FE and Analytical Method. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-12	2	27
305	Magnetic Equivalent Circuit Modeling of Yokeless Axial Flux Permanent Magnet Machine With Segmented Armature. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-4	2	27
304	Fault-Tolerant Control of NPC Three-Level Inverters-Fed Double-Stator-Winding PMSM Drives Based on Vector Space Decomposition. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 8446-8458	8.9	26
303	Comparative Study of Switched Reluctance Machines With Half-and Full-Teeth-Wound Windings. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 1414-1424	8.9	26
302	Coupled Magnetic-Thermal Fields Analysis of Water Cooling Flux-Switching Permanent Magnet Motors by an Axially Segmented Model. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-4	2	25
301	Computational method for optimal control of switched systems with input and state constraints. <i>Nonlinear Analysis: Hybrid Systems</i> , 2017 , 26, 1-18	4.5	25
300	Finite Element Analysis of Flux-Switching PM Machine Considering Oversaturation and Irreversible Demagnetization. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	25
299	. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 289-298	8.9	25
298	. <i>IEEE Access</i> , 2020 , 8, 116900-116913	3.5	25
297	Steady-State Characteristics of the Dual-Stator Brushless Doubly Fed Induction Generator. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 200-210	8.9	25
296	Research on a Single Phase-Loss Fault-Tolerant Control Strategy for a New Flux-Modulated Permanent-Magnet Compact In-Wheel Motor. <i>IEEE Transactions on Energy Conversion</i> , 2016 , 31, 658-666 ^{5.4}	5.4	25
295	Overview of fault diagnosis theory and method for permanent magnet machine. <i>Chinese Journal of Electrical Engineering</i> , 2015 , 1, 21-36	4	25
294	A New Double-Sided Linear Flux-Switching Permanent Magnet Motor With Yokeless Mover for Electromagnetic Launch System. <i>IEEE Transactions on Energy Conversion</i> , 2019 , 34, 680-690	5.4	24
293	Sensorless Control Strategy of Electrical Variable Transmission Machines for Wind Energy Conversion Systems. <i>IEEE Transactions on Magnetics</i> , 2013 , 49, 3383-3386	2	23
292	Torque/Power Density Optimization of a Dual-Stator Brushless Doubly-Fed Induction Generator for Wind Power Application. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 9864-9875	8.9	23
291	Comparison of Linear Primary Permanent Magnet Vernier Machine and Linear Vernier Hybrid Machine. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-4	2	23
290	Design and control of a flux-controllable stator-permanent magnet brushless motor drive. <i>Journal of Applied Physics</i> , 2008 , 103, 07F134	2.5	23

289	Computational method for optimal machine scheduling problem with maintenance and production. <i>International Journal of Production Research</i> , 2017 , 55, 1791-1814	7.8	22
288	Comprehensive Comparison of Rotor Permanent Magnet and Stator Permanent Magnet Flux-Switching Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 5862-5871	8.9	22
287	Design and Analysis of a New Modular Linear Flux-Reversal Permanent-Magnet Motor. <i>IEEE Transactions on Applied Superconductivity</i> , 2014 , 24, 1-5	1.8	21
286	Online Diagnosis and Localization of High-Resistance Connection in PMSM With Improved Fault Indicator. <i>IEEE Transactions on Power Electronics</i> , 2017 , 32, 3585-3594	7.2	21
285	Fault-Tolerant Control of Primary Permanent-Magnet Linear Motors With Single Phase Current Sensor for Subway Applications. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 10546-10556	7.2	20
284	Design and Analysis of a New Fault-Tolerant Linear Permanent-Magnet Motor for Maglev Transportation Applications. <i>IEEE Transactions on Applied Superconductivity</i> , 2012 , 22, 5200204-5200204	1.8	20
283	Direct Coupling Method for Coupled Field-Circuit Thermal Model of Electrical Machines. <i>IEEE Transactions on Energy Conversion</i> , 2018 , 33, 473-482	5.4	20
282	Protection Scheme for Modular Multilevel Converters Under Diode Open-Circuit Faults. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 2866-2877	7.2	19
281	Finite-Set Model Predictive Power Control of Brushless Doubly Fed Twin Stator Induction Generator. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 2300-2311	7.2	19
280	Flicker mitigation strategy for a doubly fed induction generator by torque control. <i>IET Renewable Power Generation</i> , 2014 , 8, 91-99	2.9	19
279	Reliability Analysis and Evaluation for Flux-Switching Permanent Magnet Machine. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 1760-1769	8.9	18
278	Dual-Electrical-Port Control of Cascaded Doubly-Fed Induction Machine for EV/HEV Applications. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 1390-1398	4.3	18
277	Analysis and evaluation of novel rotor permanent magnet flux-switching machine for EV and HEV applications. <i>IET Electric Power Applications</i> , 2017 , 11, 1610-1618	1.8	18
276	Analysis of Linear Flux-Switching Permanent Magnet Motor Using Response Surface Methodology. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-4	2	18
275	A Linear Stator Permanent Magnet Vernier HTS Machine for Wave Energy Conversion. <i>IEEE Transactions on Applied Superconductivity</i> , 2012 , 22, 5202505-5202505	1.8	18
274	Fault diagnosis of mechanical unbalance for permanent magnet synchronous motor drive system under nonstationary condition 2013 ,		18
273	Optimization of Torque Tracking Performance for Direct-Torque-Controlled PMSM Drives With Composite Torque Regulator. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 10095-10108	8.9	18
272	Unified Analysis of Induction Machine and Synchronous Machine Based on the General Airgap Field Modulation Theory. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 9205-9216	8.9	18

271	Load mitigation of unbalanced wind turbines using PI-R individual pitch control. <i>IET Renewable Power Generation</i> , 2015 , 9, 262-271	2.9	17
270	Optimization and Analysis of a Yokeless Linear Flux-Switching Permanent Magnet Machine With High Thrust Density. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	17
269	Comparison Study of Electromagnetic Performance of Bearingless Flux-Switching Permanent-Magnet Motors. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-5	1.8	17
268	Optimal control of constrained switched systems and application to electrical vehicle energy management. <i>Nonlinear Analysis: Hybrid Systems</i> , 2018 , 30, 171-188	4.5	17
267	Analytical Analysis and Performance Characterization of Brushless Doubly Fed Machines With Multibarrier Rotors. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 5758-5767	4.3	17
266	Fault Diagnosis of High-Resistance Connection in a Nine-Phase Flux-Switching Permanent-Magnet Machine Considering the Neutral-Point Connection Model. <i>IEEE Transactions on Power Electronics</i> , 2017 , 32, 6444-6454	7.2	17
265	Design and Analysis of a CHB Converter Based PV-Battery Hybrid System for Better Electromagnetic Compatibility. <i>IEEE Transactions on Magnetics</i> , 2012 , 48, 4530-4533	2	17
264	An Integrated Power Conversion System for Electric Traction and V2G Operation in Electric Vehicles With a Small Film Capacitor. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 5066-5077	7.2	17
263	Optimized SVM and Remedial Control Strategy for Cascaded Current-Source-Converters-Based Dual Three-Phase PMSM Drives System. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 6153-6164	7.2	17
262	A Fault Diagnosis Method for Current Sensors of Primary Permanent-Magnet Linear Motor Drives. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 2334-2345	7.2	17
261	Loss Calculation and Thermal Analysis for Nine-Phase Flux Switching Permanent Magnet Machine. <i>IEEE Transactions on Energy Conversion</i> , 2018 , 33, 2133-2142	5.4	17
260	. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 9518-9527	8.9	16
259	A Dual-Channel Magnetically Integrated EV Chargers Based on Double-Stator-Winding Permanent-Magnet Synchronous Machines. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 1941-1953	4.3	16
258	. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 1365-1376	7.2	16
257	Key Issues in Design and Manufacture of Magnetic-Geared Dual-Rotor Motor for Hybrid Vehicles. <i>IEEE Transactions on Energy Conversion</i> , 2017 , 32, 1492-1501	5.4	15
256	High-Resistance Connection Detection in Permanent Magnet Synchronous Machine Using Zero-Sequence Current Component. <i>IEEE Transactions on Power Electronics</i> , 2015 , 1-1	7.2	15
255	Application of Electrical Variable Transmission in Wind Power Generation System. <i>IEEE Transactions on Industry Applications</i> , 2013 , 49, 1299-1307	4.3	15
254	. <i>IEEE Transactions on Power Electronics</i> , 2017 , 32, 7233-7243	7.2	15

253	Unbalanced and Low-Order Harmonic Voltage Mitigation of Stand-Alone Dual-Stator Brushless Doubly Fed Induction Wind Generator. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 9135-9146	8.9	15
252	. <i>IEEE Access</i> , 2019 , 7, 51129-51139	3.5	14
251	Analysis, design and experimental verification of a coaxial magnetic gear using stationary permanent-magnet ring. <i>IET Electric Power Applications</i> , 2018 , 12, 231-238	1.8	14
250	Torque ripple minimization of flux-controllable stator-permanent-magnet brushless motors using harmonic current injection. <i>Journal of Applied Physics</i> , 2009 , 105, 07F102	2.5	14
249	Effect and Inhibition Method of Armature-Reaction Field on Superconducting Coil in Field-Modulation Superconducting Electrical Machine. <i>IEEE Transactions on Energy Conversion</i> , 2020 , 35, 279-291	5.4	14
248	A New Double-Sided HTS Flux-Switching Linear Motor With Series Magnet Circuit. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-5	1.8	14
247	Effects of Magnet Shape on Torque Capability of Surface-Mounted Permanent Magnet Machine for Servo Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 2977-2990	8.9	14
246	Principle of Flux-Switching PM Machine by Magnetic Field Modulation Theory Part I: Back-EMF Generation. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	14
245	Influence of Rotor-Pole Number on Electromagnetic Performance in 12-Phase Redundant Switched Flux Permanent Magnet Machines for Wind Power Generation. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 3305-3316	4.3	13
244	Fast Calculation of Carrier Harmonic Loss in Permanent Magnet of IPMSM Under PWM VSI Supply Over Entire Working Range. <i>IEEE Transactions on Energy Conversion</i> , 2019 , 34, 1581-1592	5.4	13
243	Investigation and Design of a High-Power Flux-Switching Permanent Magnet Machine for Hybrid Electric Vehicles. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-5	2	13
242	Optimal switching control for drug therapy process in cancer chemotherapy. <i>European Journal of Control</i> , 2018 , 42, 49-58	2.5	13
241	Electromagnetic Performance Comparison Between 12-Phase Switched Flux and Surface-Mounted PM Machines for Direct-Drive Wind Power Generation. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 1408-1422	4.3	13
240	Development status and trend of electric vehicles in China. <i>Chinese Journal of Electrical Engineering</i> , 2017 , 3, 1-13	4	12
239	Predictive current control method for dual three-phase PMSM drives with reduced switching frequency and low-computation burden. <i>IET Electric Power Applications</i> , 2020 , 14, 668-677	1.8	12
238	A switched dynamical system approach towards the economic dispatch of renewable hybrid power systems. <i>International Journal of Electrical Power and Energy Systems</i> , 2018 , 103, 440-457	5.1	12
237	A topology of DC electric springs for DC household applications. <i>IET Power Electronics</i> , 2019 , 12, 1241-1248		12
236	Mathematical Model of Radial Suspending Force for a New Stator-Permanent Magnet Bearingless Machine. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	12

235	Unified Control for a Wind Turbine-Superconducting Magnetic Energy Storage Hybrid System Based on Current Source Converters. <i>IEEE Transactions on Magnetics</i> , 2012 , 48, 3973-3976	2	12
234	A Funnel-Shaped Chloride Nanochannel Inspired By ClC Protein. <i>Nano Letters</i> , 2021 , 21, 4086-4091	11.5	12
233	Design and Analysis of Current Control Methods for Brushless Doubly Fed Induction Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 717-727	8.9	12
232	. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 1824-1835	8.9	12
231	Interleaved Model Predictive Control for Three-Level Neutral-Point-Clamped Dual Three-Phase PMSM Drives With Low Switching Frequencies. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 11618-11630	7.630	12
230	Investigation on Phase Shift Between Multiple Multiphase Windings in Flux-Switching Permanent Magnet Machines. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 1958-1970	4.3	11
229	A Comparative Study on Nine- and Twelve-Phase Flux-Switching Permanent-Magnet Wind Power Generators. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 3607-3616	4.3	11
228	Open-Phase Fault Detection in Delta-Connected PMSM Drive Systems. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 6456-6460	7.2	11
227	Investigation of a Vector-Controlled Five-Phase Flux-Switching Permanent-Magnet Machine Drive System. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-5	2	11
226	A bibliometric analysis of research on upflow anaerobic sludge blanket (UASB) from 1983 to 2012. <i>Scientometrics</i> , 2014 , 100, 189-202	3	11
225	Hybrid stochastic optimization method for optimal control problems of chemical processes. <i>Chemical Engineering Research and Design</i> , 2017 , 126, 297-310	5.5	11
224	An improved coaxial magnetic gear using flux focusing 2011 ,		11
223	Analysis of Stator Slots and Rotor Pole Pairs Combinations of Rotor-Permanent Magnet Flux-Switching Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 906-918	8.9	11
222	Detection and Discrimination of Incipient Stator Faults for Inverter-Fed Permanent Magnet Synchronous Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 7505-7515	8.9	11
221	Principle of Flux-Switching PM Machine by Magnetic Field Modulation Theory Part II: Electromagnetic Torque Generation. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	11
220	Parallel structure general repetitive controller for general grid-connected PWM converters. <i>IET Power Electronics</i> , 2017 , 10, 338-347	2.2	10
219	Torque Production Mechanism of Switched Reluctance Machines With Air-Gap Field Modulation Principle. <i>IEEE Transactions on Energy Conversion</i> , 2020 , 35, 1617-1627	5.4	10
218	Diagnosis of Mechanical Unbalance Fault in Permanent Magnet Synchronous Machine Drives. <i>Electric Power Components and Systems</i> , 2016 , 44, 1408-1417	1	10

217	Investigation of a new flux-modulated permanent magnet brushless motor for EVs. <i>Scientific World Journal, The</i> , 2014 , 2014, 540797	2.2	10
216	Analysis and control of novel split-winding doubly salient permanent magnet motor for adjustable speed drive. <i>Science in China Series D: Earth Sciences</i> , 2001 , 44, 353-364		10
215	Fault-Tolerant Control of Common Electrical Faults in Dual Three-Phase PMSM Drives Fed by T-Type Three-Level Inverters. <i>IEEE Transactions on Industry Applications</i> , 2021 , 57, 481-491	4.3	10
214	Modeling and control of neutral-point-clamping (NPC) three-level inverters fed dual-three phase PMSM drives 2015 ,		9
213	New Methods of Measuring Inductance of Doubly Salient Permanent Magnet Motors. <i>Electric Power Components and Systems</i> , 2002 , 30, 1127-1135	1	9
212	Fast Switching Direct Torque Control Using a Single DC-link Current Sensor. <i>Journal of Power Electronics</i> , 2012 , 12, 895-903	0.9	9
211	Direct Torque Control of Five-leg Dual-PMSM Drive Systems for Fault-tolerant Purposes. <i>Journal of Power Electronics</i> , 2017 , 17, 161-171	0.9	9
210	The Chaotic-Based Control of Three-Port Isolated Bidirectional DC/DC Converters for Electric and Hybrid Vehicles. <i>Energies</i> , 2016 , 9, 83	3.1	9
209	Cogging torque minimization in flux-switching permanent magnet machines by tooth chamfering 2016 ,		9
208	Analysis and Dynamic Control of a Dual-Stator BDFIG-DC System Supplying DC Grid With Minimized Torque Ripple Through Harmonic Current Injection. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 5388-5399	7.2	9
207	General Power Equation of Switched Reluctance Machines and Power Density Comparison. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 4298-4307	4.3	8
206	Dual-Level Located Feedforward Control for Five-Leg Two-Mover Permanent-Magnet Linear Motor Traction Systems. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 13673-13686	7.2	8
205	A Single-Phase On-Board Two-Stage Integrated Battery Charger for EVs Based on a Five-Phase Hybrid-Excitation Flux-Switching Machine. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 3793-3804	6.8	8
204	Capacitor monitoring for modular multilevel converters 2017 ,		8
203	Fault tolerant control of multiphase multilevel motor drives - technical review. <i>Chinese Journal of Electrical Engineering</i> , 2017 , 3, 76-86	4	8
202	A hybrid excitation flux-switching permanent magnet linear motor for urban rail transit 2011 ,		8
201	Review of Electronic-continuously Variable Transmission Propulsion System for Full Hybrid Electric Vehicles. <i>Journal of Asian Electric Vehicles</i> , 2009 , 7, 1297-1302	0.3	8
200	Design and Analysis of a New Hybrid Excited Doubly Salient Machine Capable of Field Control. <i>Conference Record - IAS Annual Meeting (IEEE Industry Applications Society)</i> , 2006 ,		8

199	RCEN: A Deep-Learning-Based Background Noise Suppression Method for DAS-VSP Records. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022 , 19, 1-5	4.1	8
198	Compressibility of Different Pore and Fracture Structures and Its Relationship with Heterogeneity and Minerals in Low-Rank Coal Reservoirs: An Experimental Study Based on Nuclear Magnetic Resonance and Micro-CT. <i>Energy & Fuels</i> , 2020 , 34, 10894-10903	4.1	8
197	Enantioselective Antiport in Asymmetric Nanochannels. <i>ACS Nano</i> , 2021 ,	16.7	8
196	Topology Analysis, Design, and Comparison of High Temperature Superconducting Double Stator Machine With Stationary Seal. <i>IEEE Transactions on Applied Superconductivity</i> , 2020 , 30, 1-10	1.8	8
195	A Linear Position Measurement Scheme for Long-Distance and High-Speed Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 4435-4447	8.9	8
194	Dual-Vector Located Model Predictive Control With Single DC-Link Current Sensor for Permanent-Magnet Linear Motor Drives. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 14142-14154	7.2	8
193	Optimal control of bioprocess systems using hybrid numerical optimization algorithms. <i>Optimization</i> , 2018 , 67, 1287-1306	1.2	7
192	Rediscovery of permanent magnet flux-switching machines applied in EV/HEVs: Summary of new topologies and control strategies. <i>Chinese Journal of Electrical Engineering</i> , 2016 , 2, 31-42	4	7
191	A switched dynamical system approach towards the optimal control of chemical processes based on a gradient-based parallel optimization algorithm. <i>Computers and Chemical Engineering</i> , 2018 , 118, 180-194	4	7
190	Control and Performance Evaluation of Multiphase FSPM Motor in Low-Speed Region for Hybrid Electric Vehicles. <i>Energies</i> , 2015 , 8, 10335-10353	3.1	7
189	Resonance damping in a smart transformer-based microgrid 2015 ,		7
188	A novel topology and its control of single-phase electric springs 2015 ,		7
187	Performance Analysis of a Flux-Concentrating Field-Modulated Permanent-Magnet Machine for Direct-Drive Applications. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-11	2	7
186	A new stator-flux orientation strategy for flux-switching permanent magnet motor based on current-hysteresis control. <i>Journal of Applied Physics</i> , 2009 , 105, 07F112	2.5	7
185	Dynamic Modeling and Performance Analysis With Iron Saturation for Dual-Stator Brushless Doubly Fed Induction Generator. <i>IEEE Transactions on Energy Conversion</i> , 2020 , 35, 260-270	5.4	7
184	Vector space decomposition based control of neutral-point-clamping (NPC) three-level inverters fed dual three-phase PMSM drives 2016 ,		7
183	An On-Board Two-Stage Integrated Fast Battery Charger for EVs Based on a Five-Phase Hybrid-Excitation Flux-Switching Machine. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 1780-1790	8.9	7
182	Nonlinear Analytical Solution of Magnetic Field and Performances of a Spoke Array Vernier Permanent Magnet Machine. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 36, 173-185	5.4	7

181	Adaptive Numerical Approach for Optimal Control of a Single Train. <i>Journal of Systems Science and Complexity</i> , 2019 , 32, 1053-1071	1	6
180	A New Zero-Sequence Current Suppression Control Strategy for Five-Phase Open-Winding Fault-Tolerant Fractional-Slot Concentrated Winding IPM Motor Driving System. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 2731-2740	4.3	6
179	A Hybrid Dual-Mode Control for Permanent-Magnet Synchronous Motor Drives. <i>IEEE Access</i> , 2020 , 8, 105864-105873	3.5	6
178	Investigation of influence of winding structure on reliability of permanent magnet machines. <i>CES Transactions on Electrical Machines and Systems</i> , 2020 , 4, 87-95	2.3	6
177	Steady-State Characteristics Analysis of Hybrid-Excited Flux-Switching Machines with Identical Iron Laminations. <i>Energies</i> , 2015 , 8, 12898-12916	3.1	6
176	A new modular and complementary double-sided linear flux-switching permanent magnet motor with yokeless secondary 2014 ,		6
175	Investigation of an improved hybrid-excitation flux switching brushless machine for HEV/EV applications 2014 ,		6
174	Comparison of two different traction systems for subway application using Energetic Macroscopic Representation 2012 ,		6
173	Line-modulation-based flux-weakening control for permanent-magnet synchronous machines. <i>IET Power Electronics</i> , 2018 , 11, 930-936	2.2	6
172	Decoupled Dual-PWM Control for Naturally Commutated Current-Fed Dual-Active-Bridge DC/DC Converter. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2020 , 8, 4246-4259	5.6	6
171	Phase-Shifting Fault-Tolerant Control of Permanent-Magnet Linear Motors with Single Phase Current Sensor. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	6
170	Sliding-mode observer based sensorless vector control of LFSPM motor for long-distance drive system. <i>IET Electric Power Applications</i> , 2019 , 13, 643-651	1.8	5
169	A novel rotor-permanent magnet flux-switching machine 2015 ,		5
168	A Parameter-Exempted, High-Performance Power Decoupling Control of Single-Phase Electric Springs. <i>IEEE Access</i> , 2020 , 8, 33370-33379	3.5	5
167	Integration of Electric Springs and Multi-Port Transformers A New Solution for AC Microgrids with Renewable Energy Sources. <i>Energies</i> , 2017 , 10, 193	3.1	5
166	Investigation on phase shift between multiple-winding sets in multiphase flux-switching permanent magnet machines 2015 ,		5
165	Analysis and Experimental Validation of a Half-Teeth-Wound Switched Reluctance Machine. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-5	2	5
164	Design of a twelve-phase flux-switching permanent magnet machine for wind power generation 2014 ,		5

163	Operation of SMES for the Current Source Inverter Fed Distributed Power System Under Islanding Mode. <i>IEEE Transactions on Applied Superconductivity</i> , 2013 , 23, 5700404-5700404	1.8	5
162	Mitigation of Wind Power Fluctuation by Active Current Control of Variable Speed Wind Turbines. <i>International Journal of Smart Grid and Clean Energy</i> , 2013 , 2, 252-257	1.4	5
161	Phase Model Predictive Voltage Control for Half-Centralized Open-End Winding Permanent-Magnet Linear Motor Traction Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	5
160	Analysis of Airgap Field Modulation Principle of Flux Guides. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 4758-4768	4.3	5
159	Chiral Nanochannels of Ordered Mesoporous Silica Constructed by a Pillar[5]arene-Based Host-Guest System. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 27305-27312	9.5	5
158	Dual Synchronous Rotating Frame Current Control of Brushless Doubly Fed Induction Generator Under Unbalanced Network. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 6712-6724	7.2	5
157	Control of three-phase electric springs used in microgrids under ideal and non-ideal conditions 2016 ,		5
156	Simplified Model Predictive Current Control of Primary Permanent-Magnet Linear Motor Traction Systems for Subway Applications. <i>Energies</i> , 2019 , 12, 4144	3.1	5
155	A Leakage-Inductor Parameter Compensation Method for Paralleled Current-Fed Isolated DC/DC System. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 1160-1164	7.2	5
154	Coupled Fault-Tolerant Control of Primary Permanent-Magnet Linear Motor Traction Systems for Subway Applications. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 3408-3421	7.2	5
153	The State of the Art of Topologies for Electric Springs. <i>Energies</i> , 2018 , 11, 1724	3.1	5
152	Analytical analysis and performance characterization of brushless doubly fed induction machines based on general air-gap field modulation theory. <i>Chinese Journal of Electrical Engineering</i> , 2021 , 7, 4-19 ⁴		5
151	Two-Stage Series Model Predictive Torque Control for PMSM Drives. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 12910-12918	7.2	5
150	A Tutorial on General Air-gap Field Modulation Theory for Electric Machines. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 1-1	5.6	5
149	Sensitivity analysis for an optimal control problem of chemical processes based on a smoothing cost penalty function approach. <i>Chemical Engineering Research and Design</i> , 2019 , 146, 221-238	5.5	4
148	A coupled field-circuit method for thermal modeling of electrical machine 2015 ,		4
147	Comparison of modular linear flux-switching permanent magnet motors with different mover and stator pole pitch 2017 ,		4
146	Model predictive power control of a brushless doubly fed twin stator induction generator 2017 ,		4

145	Stator inter-turn fault detection for the converter-fed induction motor based on the adjacent-current phase-shift 2014 ,		4
144	Fault tolerant control of double-stator-winding PMSM for open phase operation based on asymmetric current injection 2014 ,		4
143	A dual-stator brushless doubly-fed induction motor for EV/HEV applications 2014 ,		4
142	Improvement of operating performance for the wind farm with a novel CSC type wind turbine-SMES hybrid system 2012 ,		4
141	A new starting method for 12/8-pole doubly salient permanent-magnet motors without position sensor 2011 ,		4
140	Torque Ripple Suppression of Flux-Switching Permanent Magnet Machine Based on General Air-gap Field Modulation Theory. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	4
139	Experimental Study on the Change of the Pore-Fracture Structure in Mining-Disturbed Coal-Series Strata: An Implication for CBM Development in Abandoned Mines. <i>Energy & Fuels</i> , 2021 , 35, 1208-1218	4.1	4
138	. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 5385-5395	4.3	4
137	Current Optimization-Based Fault-Tolerant Control of Standard Three-Phase PMSM Drives. <i>IEEE Transactions on Energy Conversion</i> , 2020 , 1-1	5.4	4
136	An interleaved current-fed bidirectional full-bridge DC/DC converter for on-board charger 2016 ,		4
135	Dynamic Equivalent Magnetic Network Analysis of an Axial PM Bearingless Flywheel Machine. <i>IEEE Access</i> , 2021 , 9, 32425-32435	3.5	4
134	A Novel Axial Split Phase Bearingless Switched Reluctance Machine for On-Board Flywheel Battery. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	4
133	Distributed Cooperative Control for Multiple DC Electric Springs with Novel Topologies Applied in DC Microgrid 2019 ,		3
132	Nine-Phase Flux-Switching Permanent Magnet Brushless Machine for Low-Speed and High-Torque Applications. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	3
131	Bidirectional Coupling Model of Electromagnetic Field and Thermal Field Applied to the Thermal Analysis of the FSPM Machine. <i>Energies</i> , 2020 , 13, 3079	3.1	3
130	Nonlinear magnetic network models for flux-switching permanent magnet machines. <i>Science China Technological Sciences</i> , 2016 , 59, 494-505	3.5	3
129	An energy recovery system of regenerative braking based permanent magnet synchronous motor for electric vehicles 2013 ,		3
128	Non-symmetrical permanent-magnet linear motor traction systems for subway applications 2017 ,		3

127	Analysis and optimization of key dimensions of co-axial dual-mechanical-port flux-switching permanent magnet machines for fuel-based extended range electric vehicles. <i>CES Transactions on Electrical Machines and Systems</i> , 2017 , 1, 292-299	2.3	3
126	Design and analysis of a bearingless doubly salient permanent magnet machine 2017 ,		3
125	The Influence of Magnetizations on Bipolar Stator Surface-Mounted Permanent Magnet Machines. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	3
124	Modeling and control of a novel dual-stator brushless doubly-fed wind power generation system 2014 ,		3
123	Parallel structure repetitive controller for CVCF three-phase PWM inverter 2012 ,		3
122	The random PWM based bi-directional buck-boost cascade converter for electric vehicles 2011 ,		3
121	Theory and comparison of the linear stator permanent magnet vernier machine 2011 ,		3
120	Mechanical design of outer-rotor structure for dual mechanical port machine 2011 ,		3
119	Prediction of iron losses in doubly salient permanent magnet machine with rectangular current waveform. <i>Journal of Applied Physics</i> , 2012 , 111, 07E716	2.5	3
118	A dual-channel flux-switching permanent magnet motor for hybrid electric vehicles. <i>Journal of Applied Physics</i> , 2012 , 111, 07E736	2.5	3
117	A Novel Controller for Electric Springs Based on Bode Diagram Optimization. <i>Journal of Power Electronics</i> , 2016 , 16, 1396-1406	0.9	3
116	Fault Tolerant Operation of T-NPC Three-Level Asymmetric Six-Phase PMSM Drives Based on Direct Torque Control 2016 ,		3
115	A Robustness-Improved Control Method Based on ST-SMC for Cascaded Brushless Doubly Fed Induction Generator. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 7061-7071	8.9	3
114	Mathematical Analysis Model of Double-Stator Field Modulation HTS Machine Based on General Airgap Field Modulation Theory. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 1-1	5.4	3
113	Electromagnetic Performance Comparison between 12- Phase Switched Flux and Surface-Mounted PM Machines for Direct-Drive Wind Power Generation 2018 ,		3
112	The State of the Art of the Control Strategies for Single-Phase Electric Springs. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2019	2.6	3
111	Mitigation of DC-Link Current Ripple for Cascaded Current-Source-Converters Energy Conversion Systems 2018 ,		3
110	Construction of A High-Flux Protein Transport Channel Inspired by the Nuclear Pore Complex. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24443-24449	16.4	3

109	Stray Load Loss Calculation for Induction Motor by Combination of General Airgap Field Modulation Theory and 2D FEA. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 36, 2524-2533	5-4	3
108	Decoupled Power Control With Indepth Analysis of Single-Phase Electric Springs. <i>IEEE Access</i> , 2020 , 8, 21866-21874	3-5	2
107	DC electric springs with DC/DC converters 2016 ,		2
106	Fast Calculation of PM Eddy Current Loss in IPMSM Under PWM VSI Supply Based on the Spectra of Line-Line Voltage. <i>IEEE Transactions on Magnetics</i> , 2018 , 54, 1-5	2	2
105	Fault tolerant control for power side current sensor in wind energy conversion system with cascaded brushless DFIG 2017 ,		2
104	Multifrequency spiral vector model for the brushless doubly-fed induction machine 2017 ,		2
103	Thermal analysis and cooling system design of flux switching permanent magnet machine 2015 ,		2
102	Design and manufacturing considerations of flux-switching permanent magnet motors for mass productions used in EVs and HEVs 2015 ,		2
101	Fault tolerant control of triple star-winding flux switching permanent magnet motor drive due to open phase 2015 ,		2
100	Modeling and Performance Analysis of a Dual-Stator Brushless Doubly Fed Induction Machine Based on Spiral Vector Theory. <i>IEEE Transactions on Industry Applications</i> , 2015 , 1-1	4-3	2
99	Sensorless vector control of complementary and modular linear flux-switching permanent magnet motor based on MRAS and SVPWM 2015 ,		2
98	Rotor Faults Diagnosis in Rotor Field Oriented Controlled Induction Motors Based on Torque Current 2014 ,		2
97	Investigation of on-loaded performances of hybrid-excitation flux-switching brushless machines for HEV/EV applications 2014 ,		2
96	Operation of interleaved voltage-source-converter fed wind energy systems with asymmetrical faults in grid 2012 ,		2
95	PWM modulated three-level single-phase grid-connected PV inverter 2011 ,		2
94	Optimal design of stator interior permanent magnet machine based on finite element analysis. <i>Journal of Applied Physics</i> , 2009 , 105, 07F104	2-5	2
93	A hybrid energy source based double-stator permanent magnet brushless motor drive for hybrid electric vehicles 2011 ,		2
92	Relation between fundamental frequency equivalent impedance and resonant point for thyristor controlled series compensation		2

91	Robust Cascaded Deadbeat Predictive Control for Dual Three-Phase Variable-Flux PMSM Considering Intrinsic Delay in Speed Loop. <i>IEEE Transactions on Industrial Electronics</i> , 2022 , 1-1	8.9	2
90	Stability Assessment of A Radial Grid With Power Converters. <i>IEEE Open Journal of Power Electronics</i> , 2021 , 1-1	2.5	2
89	Inductance Characteristics of Flux-Switching Permanent Magnet Machine Based on General Air-gap Filed Modulation Theory. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	2
88	Improved Model Predictive Current Control with Series Structure for PMSM Drives. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	2
87	An Improved Impedance Modeling Method of Grid-Tied Inverters With White-Box Property. <i>IEEE Transactions on Power Electronics</i> , 2022 , 37, 3980-3989	7.2	2
86	Design and analysis of genetic algorithm and BP neural network based PID control for boost converter applied in renewable power generations. <i>IET Renewable Power Generation</i> ,	2.9	2
85	Dual-Objective Control Using an SMC-Based CW Current Controller for Cascaded Brushless Doubly Fed Induction Generator. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 7109-7120	4.3	2
84	Modulation behaviours and interchangeability of modulators for electrical machines. <i>IET Electric Power Applications</i> , 2021 , 15, 542-554	1.8	2
83	Dynamic optimization of 1, 3-propanediol fermentation process: A switched dynamical system approach. <i>Chinese Journal of Chemical Engineering</i> , 2021 ,	3.2	2
82	Design and analysis of a new five-phase brushless hybrid-excitation fault-tolerant motor for electric vehicles 2016 ,		2
81	Input-Parallel Output-Series DC/AC Converter for On-Board EV Charger 2016 ,		2
80	Split ratio design technique of the magnetic-gear dual-rotor motor 2016 ,		2
79	Zero-Voltage-Switching Current-Source-Inverter Motor Drives Based on Silicon Carbide Devices 2019 ,		2
78	Model predictive virtual power control of brushless doubly-fed induction generator for fast and smooth grid synchronisation. <i>IET Renewable Power Generation</i> , 2019 , 13, 3080-3087	2.9	2
77	Optimal impulsive control for advertising strategy problems based on a gradient-based PSO algorithm. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 2280-2292	1.8	2
76	Grid-Connected and Standalone Control for Dual-Stator Brushless Doubly Fed Induction Generator. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 9196-9206	8.9	2
75	Resonance Network Structuring Method for Zero-Voltage-Transition Transformerless Inverters. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	2
74	An Adaptive Strategy Based on Repetitive Predictive Control for Improving Adaptability of LCL-type Grid-connected Inverters under Weak Grid. <i>IEEE Transactions on Power Electronics</i> , 2021 , 1-1	7.2	2

73	A New Perspective on the Operating Principle of Direct Current Machine Based on Airgap Field Modulation Theory 2018 ,		2
72	Theoretical and Experimental Investigation of the Brushless Doubly-Fed Machine with a Multi-Barrier Rotor 2018 ,		2
71	Promoting the Spreading of Droplets on a Superhydrophobic Surface by Supramolecular Amphiphilic Complex-Based Host-Guest Chemistry. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 9545-9550	5.7	2
70	A Novel Axial Split Phase Bearingless Flywheel Machine With Hybrid-Inner-Stator Permanent Magnet-Based Structure. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 36, 1873-1882	5.4	2
69	Analysis and optimization of a five-phase hybrid excitation flux switching machine based on the consistency and complementarity principle. <i>Chinese Journal of Electrical Engineering</i> , 2021 , 7, 52-64	4	2
68	An Improved Zero-Voltage-Transition H6-Type Transformerless Grid-Connected Inverter with Reactive Power Capability. <i>IEEE Transactions on Power Electronics</i> , 2021 , 1-1	7.2	2
67	Modelling and analysis of PPF in PMSM. <i>IET Electric Power Applications</i> , 2017 , 11, 434-440	1.8	1
66	Regulation Performance of Multiple DC Electric Springs Controlled by Distributed Cooperative System. <i>Energies</i> , 2019 , 12, 3422	3.1	1
65	Fuel-optimal control for soft lunar landing based on a quadratic regularization approach. <i>European Journal of Control</i> , 2019 , 49, 84-93	2.5	1
64	Comparative Analysis and Experimental Verification of an Effective Permanent-Magnet Vernier Machine. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-9	2	1
63	The treatment of moving problem for constant-frequency double-rotor generator in finite element analysis. <i>Advances in Mechanical Engineering</i> , 2015 , 7, 168781401557543	1.2	1
62	General power equation of switched reluctance machines and power density comparison 2015 ,		1
61	Design and analysis of permanent magnet induction generator for grid-connected direct-driven wind power application 2015 ,		1
60	A Novel Method Simulating Human Eye Recognition for Sector Judgement of SVPWM Algorithm. <i>IEEE Access</i> , 2020 , 8, 90216-90224	3.5	1
59	Influence of rotor-pole number on electromagnetic performance in twelve-phase redundant SFPM machines for wind power generation 2016 ,		1
58	Hierarchical Control with Fast Primary Control for Multiple Single-Phase Electric Springs. <i>Energies</i> , 2019 , 12, 3511	3.1	1
57	Simulation of the Linear Primary Permanent Magnet Vernier machine system for wave energy conversion 2013 ,		1
56	Evaluation of parameter sensitivities for flux-switching permanent magnet machines based on simplified equivalent magnetic circuit. <i>AIP Advances</i> , 2017 , 7, 056615	1.5	1

55	Novel topology of three-phase electric spring and its control 2017 ,		1
54	Control strategy for harmonic elimination in stand-alone dual-stator brushless doubly fed induction generators with nonlinear loads 2017 ,		1
53	A hybrid direct torque control scheme for asymmetric six-phase PMSM drives 2017 ,		1
52	Sensorless Control for the EVT-Based New Dual Power Flow Wind Energy Conversion System. <i>Energies</i> , 2017 , 10, 888	3.1	1
51	A new 12/11-pole dual three-phase flux-switching permanent magnet machine 2015 ,		1
50	Comprehensive comparison of novel stator surface-mounted permanent magnet machines 2012 ,		1
49	Control of a six-switch inverter based single-phase grid-connected PV generation system with inverse Park transform PLL 2012 ,		1
48	Flux-regulation capability of hybrid-excited flux-switching machines 2012 ,		1
47	Energy-Release Strategy for Permanent Magnet Traction System with Onboard Energy Storage System for Subway Applications 2013 ,		1
46	Optimal control for pitch regulated variable-speed wind turbines with multiple objectives 2011 ,		1
45	A novel 6k \pm 1 order harmonic repetitive control scheme for CVCF three-phase PWM inverters 2011 ,		1
44	Static characteristics of a new doubly salient permanent magnet motor		1
43	Principle and Performance of a New Brushless Doubly-Fed Reluctance Machine with Asymmetrical Composite Modulator. <i>IEEE Transactions on Industrial Electronics</i> , 2022 , 1-1	8.9	1
42	Numerical algorithm for optimal control of switched systems and its application in cancer chemotherapy. <i>Applied Soft Computing Journal</i> , 2021 , 115, 108090	7.5	1
41	Iron loss calculation for FSPM machine with the PWM inverter supply based on general airgap field modulation theory. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	1
40	Engineering the Redox-Driven Channel for Precisely Regulating Nanoconfined Glutathione Identification and Transport. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 49137-49145	9.5	1
39	Optimization of Rotor Salient Pole Reluctance for Typical Field Modulated Electric Machines. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2020 , 1-1	5.6	1
38	Stability Assessment of Voltage Control Strategies for Smart Transformer-Fed Distribution Grid. <i>IEEE Access</i> , 2020 , 8, 185146-185157	3.5	1

37	Analysis on boundary conditions of soft switching for DC electric spring with parallel topology. <i>IET Power Electronics</i> , 2021 , 14, 2167-2177	2.2	1
36	A modular and fault-tolerant linear flux-switching permanent magnet machine with thin yoke 2016 ,		1
35	Synthesis of Airgap Magnetic Field Modulation Phenomena in Electric Machines 2019 ,		1
34	Analysis of Operation Modes and Grid-Connected Control for the Dual-Stator Brushless Doubly Fed Induction Generator 2019 ,		1
33	A Robust Grid Synchronization Method for Cascaded Brushless Doubly Fed Induction Generator 2019 ,		1
32	A Novel Current Controller for Grid-Connected Voltage-Source-Inverters. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 553-562	8.9	1
31	A layer-by-layer assembled D/L-arginine-calix[4]arene-Si-surface for macroscopic enantio-selective discrimination of ()/()-ibuprofen. <i>Chemical Communications</i> , 2021 , 57, 5706-5709	5.8	1
30	SC Parameters Extraction of SiC-MOSFETs and Application in Advanced Gate Drivers 2018 ,		1
29	Analysis of Airgap Field Modulation Principle of Flux Guides 2018 ,		1
28	A Current Sensor-Less Controller for Grid-Connected Inverters 2018 ,		1
27	Soft-Switching Techniques for Transformerless Photovoltaic Grid-Connected Inverters 2018 ,		1
26	A Novel Detent Force Reduction Method for Primary Permanent Magnet Linear Motor Traction System in Subway Applications 2018 ,		1
25	Spiral vector modeling of brushless doubly-fed induction machines with short-circuited rotor windings. <i>Chinese Journal of Electrical Engineering</i> , 2021 , 7, 29-41	4	1
24	Controlled release of drug molecules by pillararene-modified nanosystems.. <i>Chemical Communications</i> , 2022 , 58, 3255-3269	5.8	1
23	Active damping strategy with differential feedback of grid-side inductor voltage for LCL-filtered grid-connected inverters. <i>Journal of Power Electronics</i> , 2022 , 22, 176-186	0.9	1
22	Collaborative Control for Half-Centralized Open-End Winding Permanent-Magnet Linear Motor Drive Systems. <i>IEEE Transactions on Power Electronics</i> , 2022 , 1-1	7.2	1
21	Modeling and Suppression of Torque Ripple in PMSM based on the General Airgap Field Modulation Theory. <i>IEEE Transactions on Power Electronics</i> , 2022 , 1-1	7.2	1
20	A penalty function-based random search algorithm for optimal control of switched systems with stochastic constraints and its application in automobile test-driving with gear shifts. <i>Nonlinear Analysis: Hybrid Systems</i> , 2022 , 45, 101218	4.5	1

19	A Highly Reliable Three-Level Neutral-Point-Clamped Inverter with Anti-Shoot-Through Capability. <i>IEEE Transactions on Industrial Electronics</i> , 2022 , 1-1	8.9	1
18	Modeling and Stability Analysis of a Smart Transformer-Fed Grid. <i>IEEE Access</i> , 2020 , 8, 91876-91885	3.5	0
17	Reduction of Open-Circuit DC Winding Induced Voltage and Torque Pulsation in the Wound Field Switched Flux Machine by Stator Axial Pairing of Tooth-Tips. <i>IEEE Transactions on Industry Applications</i> , 2022 , 1-1	4.3	0
16	. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	0
15	A gradient-based algorithm for non-smooth constrained optimization problems governed by discrete-time nonlinear equations with application to long-term hydrothermal optimal scheduling control. <i>Journal of Computational and Applied Mathematics</i> , 2022 , 114335	2.4	0
14	Magnetic-inductance: Concept, Definition, and Applications. <i>IEEE Transactions on Power Electronics</i> , 2022 , 1-1	7.2	0
13	Fault Diagnosis of Sensors for T-type Three-Level Inverter-fed Dual Three-Phase Permanent Magnet Synchronous Motor Drives. <i>Power Electronics and Drives</i> , 2019 , 4, 167-178	0.5	
12	. <i>IEEE Access</i> , 2021 , 9, 129706-129717	3.5	
11	Dead-Beat Control Cooperating with State Observer for Single-Phase Electric Springs. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2335	2.6	
10	Capturing Methomyl Droplet by Calix[4]arene Modified Surface. <i>ChemistrySelect</i> , 2021 , 6, 7247-7251	1.8	
9	Host-Guest Chemistry Triggered Differential HeLa Cell Behavior Based on Pillar[5]arene-Modified Graphene Oxide Surfaces.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 6954-6961	4.1	
8	Construction of A High-Flux Protein Transport Channel Inspired by the Nuclear Pore Complex. <i>Angewandte Chemie</i> , 2021 , 133, 24648	3.6	
7	Multiple 3-phase PMA-SynRM with Delta Windings for Enhanced Fault Tolerance. <i>IEEE Transactions on Industrial Electronics</i> , 2022 , 1-1	8.9	
6	High Performance and Strong Fault Tolerant Triple 3-phase PMA-SynRM with Star-delta Windings. <i>IEEE Transactions on Energy Conversion</i> , 2022 , 1-1	5.4	
5	A Current Harmonic Suppression Method for PMSM Based on Harmonic Prediction Adaptive Notch Filter. <i>IEEE Transactions on Energy Conversion</i> , 2022 , 1-1	5.4	
4	Investigation of Signal Injection Methods for Fault Detection of PMSM Drives. <i>IEEE Transactions on Energy Conversion</i> , 2022 , 1-1	5.4	
3	A MRAS Observer based Speed Sensorless Control Method for Dual-Cage Rotor Brushless Doubly Fed Induction Generator. <i>IEEE Transactions on Power Electronics</i> , 2022 , 1-1	7.2	
2	Four-Vector Phase Model Predictive Voltage Control for Half-Centralized Open-End Winding Permanent-Magnet Linear Motor Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	

- 1 Torque Characteristics of SPM-FS Machines with Functional-Contour Salient Pole Rotors Considering Manufacturing Error. *IEEE Transactions on Energy Conversion*, **2022**, 1-1 5-4