Ping Zheng

List of Publications by Year
in descending order

173 papers	1,717 citations	304368 22 h-index	360668 35 g-index
173 all docs	173 docs citations	173 times ranked	1083 citing authors

#	Article	IF	Citations
1	Characteristic Analysis and Verification of the Magnetic-Field-Modulated Brushless Double-Rotor Machine. IEEE Transactions on Industrial Electronics, 2015, 62, 4023-4033.	5.2	105
2	Research on the Cooling System of a 4QT Prototype Machine Used for HEV. IEEE Transactions on Energy Conversion, 2008, 23, 61-67.	3.7	77
3	Open-Circuit Fault-Tolerant Control of Five-Phase PM Machine Based on Reconfiguring Maximum Round Magnetomotive Force. IEEE Transactions on Industrial Electronics, 2019, 66, 48-59.	5.2	75
4	Investigation of a Novel Radial Magnetic-Field-Modulated Brushless Double-Rotor Machine Used for HEVs. IEEE Transactions on Magnetics, 2013, 49, 1231-1241.	1.2	68
5	Magnetic Characteristics Investigation of an Axial-Axial Flux Compound-Structure PMSM Used for HEVs. IEEE Transactions on Magnetics, 2010, 46, 2191-2194.	1.2	67
6	Investigation of a Novel 24-Slot/14-Pole Six-Phase Fault-Tolerant Modular Permanent-Magnet In-Wheel Motor for Electric Vehicles. Energies, 2013, 6, 4980-5002.	1.6	56
7	Implementation of Postfault Decoupling Vector Control and Mitigation of Current Ripple for Five-Phase Fault-Tolerant PM Machine Under Single-Phase Open-Circuit Fault. IEEE Transactions on Power Electronics, 2018, 33, 8623-8636.	5.4	51
8	Performance Analysis of an Axial Magnetic-Field-Modulated Brushless Double-Rotor Machine for Hybrid Electric Vehicles. IEEE Transactions on Industrial Electronics, 2019, 66, 806-817.	5.2	51
9	Electromagnetic Design and Control Strategy of an Axially Magnetized Permanent-Magnet Linear Alternator for Free-Piston Stirling Engines. IEEE Transactions on Industry Applications, 2012, 48, 2230-2239.	3.3	45
10	Influence of Third Harmonic Back EMF on Modeling and Remediation of Winding Short Circuit in a Multiphase PM Machine With FSCWs. IEEE Transactions on Industrial Electronics, 2016, 63, 6031-6041.	5.2	36
11	Analysis and Optimization of a Novel Tubular Staggered-Tooth Transverse-Flux PM Linear Machine. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	31
12	Research on a Transverse-Flux Brushless Double-Rotor Machine for Hybrid Electric Vehicles. IEEE Transactions on Industrial Electronics, 2019, 66, 1032-1043.	5.2	31
13	Analytical Modeling of Interturn Short Circuit for Multiphase Fault-Tolerant PM Machines With Fractional Slot Concentrated Windings. IEEE Transactions on Industry Applications, 2017, 53, 1994-2006.	3.3	30
14	Research on a Tubular Longitudinal Flux PM Linear Generator Used for Free-Piston Energy Converter. IEEE Transactions on Magnetics, 2007, 43, 447-449.	1.2	29
15	Research on the Magnetic Characteristic of a Novel Transverse-Flux PM Linear Machine Used for Free-Piston Energy Converter. IEEE Transactions on Magnetics, 2011, 47, 1082-1085.	1.2	29
16	A Brushless Claw-Pole Double-Rotor Machine for Power-Split Hybrid Electric Vehicles. IEEE Transactions on Industrial Electronics, 2014, 61, 4295-4305.	5.2	29
17	Design and Experimental Verification of a Short-Circuit Proof Six-Phase Permanent Magnet Machine for Safety Critical Applications. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	28
18	Research on the High Power Density Electromagnetic Propeller. IEEE Transactions on Magnetics, 2007, 43, 355-358.	1.2	26

#	Article	IF	Citations
19	Design and Analysis of a Magnetic-Field Modulated Brushless Double-Rotor Machineâ€"Part I: Pole Pair Combination of Stator, PM Rotor and Magnetic Blocks. IEEE Transactions on Industrial Electronics, 2019, 66, 2540-2549.	5.2	26
20	Research on the Parameters and Performances of a 4QT Prototype Machine Used for HEV. IEEE Transactions on Magnetics, 2007, 43, 443-446.	1.2	25
21	Demagnetization and Permanent-Magnet Minimization Analyses of Less-Rare-Earth Interior Permanent-Magnet Synchronous Machines Used for Electric Vehicles. IEEE Transactions on Magnetics, 2018, 54, 1-5.	1.2	24
22	Research on an Axial Magnetic-Field-Modulated Brushless Double Rotor Machine. Energies, 2013, 6, 4799-4829.	1.6	23
23	A Novel Variable-Flux Permanent-Magnet Synchronous Machine With Quasi-Series Magnet Configuration and Passive Flux Barrier. IEEE Transactions on Magnetics, 2018, 54, 1-5.	1.2	23
24	Multiphase Modular Fault-Tolerant Permanent-Magnet Machine With Hybrid Single/Double-Layer Fractional-Slot Concentrated Winding. IEEE Transactions on Magnetics, 2019, 55, 1-6.	1.2	22
25	Third Harmonic Current Injection in Different Operating Stages of Five-Phase PMSM With Hybrid Single/Double Layer Fractional-Slot Concentrated Winding. IEEE Access, 2021, 9, 15670-15685.	2.6	22
26	Experimental Evaluation of a Radial-Radial-Flux Compound-Structure Permanent-Magnet Synchronous Machine Used for HEVs. IEEE Transactions on Magnetics, 2009, 45, 645-649.	1.2	21
27	Analysis and Design of a Transverse-Flux Dual Rotor Machine for Power-Split Hybrid Electric Vehicle Applications. Energies, 2013, 6, 6548-6568.	1.6	21
28	A Tubular Staggered-Teeth Transverse-Flux PMLM With Circumferentially Distributed Three-Phase Windings. IEEE Transactions on Industrial Electronics, 2019, 66, 4837-4848.	5.2	20
29	Investigation of Magnetically Isolated Multiphase Modular Permanent-Magnet Synchronous Machinery Series for Wheel-Driving Electric Vehicles. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	19
30	Analysis of a Novel Hybrid-PM Variable-Flux Machine Using New Magnet Material CeFeB. IEEE Transactions on Magnetics, 2019, 55, 1-7.	1.2	19
31	Thermal analysis and experimental verification of a staggeredâ€teeth transverseâ€flux permanentâ€magnet linear machine. IET Electric Power Applications, 2018, 12, 1048-1057.	1.1	17
32	Investigation of the Power Factor of Magnetic-Field Modulated Brushless Double-Rotor Machine. IEEE Transactions on Power Electronics, 2021, 36, 423-432.	5.4	16
33	Analysis of Novel Hybrid-PM Variable-Flux PMSMs With Seriesâ€"Parallel Magnetic Circuits. IEEE Transactions on Magnetics, 2021, 57, 1-6.	1.2	16
34	A novel single-phase flux-switching permanent magnet linear generator used for free-piston Stirling engine. Journal of Applied Physics, 2014, 115, .	1.1	15
35	Design and Analysis of a Magnetic-Field Modulated Brushless Double-Rotor Machineâ€"Part II: Winding Configuration. IEEE Transactions on Industrial Electronics, 2019, 66, 2550-2560.	5.2	15
36	Diagnosis and Remediation of Single-Turn Short Circuit in a Multiphase FSCW PM Machine Based on T-type Equivalent Circuit. IEEE Transactions on Industry Applications, 2020, 56, 158-169.	3.3	15

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37	Influence of static eccentricity on unbalanced magnetic force of external rotor permanent magnet brushless direct current motor used as Inâ€wheel motor. IET Electric Power Applications, 2019, 13, 538-550.	1.1	14
38	Investigation of the winding current distribution in a 4-quadrant-transducer prototype machine. IEEE Transactions on Magnetics, 2005, 41, 1972-1975.	1.2	13
39	Performance Analysis and Simulation of a Novel Brushless Double Rotor Machine for Power-Split HEV Applications. Energies, 2012, 5, 119-137.	1.6	13
40	Characteristic Analysis and Functional Validation of a Brushless Flux-Modulated Double-Rotor Machine for HEVs. IEEE Transactions on Industrial Electronics, 2019, 66, 663-673.	5.2	13
41	Widely developing electric launch technology in China. IEEE Transactions on Magnetics, 2003, 39, 39-41.	1.2	12
42	Short-Circuit Fault-Tolerant Control Without Constraint on the D-Axis Armature Magnetomotive Force for Five-Phase PMSM. IEEE Transactions on Industrial Electronics, 2022, 69, 4472-4483.	5.2	12
43	Research on electromagnetic performance of a novel radial magnetic-field-modulated brushless double-rotor machine. , 2011, , .		11
44	A Novel Sensorless Control Strategy for Brushless Direct Current Motor Based on the Estimation of Line Back Electro-Motive Force. Energies, 2017, 10, 1384.	1.6	11
45	Investigation Into a Magnetic-Field-Modulated Brushless Double-Rotor Machine With the High-Strength and Low-Loss Modulating Ring Rotor. IEEE Transactions on Magnetics, 2016, 52, 1-4.	1.2	10
46	Analysis and Optimization of a V-Shape Combined Pole Interior Permanent-Magnet Synchronous Machine With Temperature Rise and Demagnetization Considered. IEEE Access, 2021, 9, 64761-64775.	2.6	10
47	Field weakening capability investigation of an axial flux permanent-magnet synchronous machine with radially sliding permanent magnets used for electric vehicles. Journal of Applied Physics, 2012, 111, 07A719.	1.1	9
48	Modeling and Control of a Flux-Modulated Compound-Structure Permanent-Magnet Synchronous Machine for Hybrid Electric Vehicles. Energies, 2012, 5, 45-57.	1.6	9
49	Research on a Tubular Yokeless Linear PM Machine. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	9
50	Low-Loss Design and Analysis of Magnetic-Field Modulated Brushless Double-Rotor Machine. IEEE Transactions on Magnetics, 2018, 54, 1-5.	1.2	9
51	Effects of static eccentricity on the noâ€load back electromotive force of external rotor permanent magnet brushless DC motor used as inâ€wheel motor. IET Electric Power Applications, 2019, 13, 604-613.	1.1	9
52	Research on electromagnetic performance of an axial magnetic-field-modulated brushless double-rotor machine for hybrid electric vehicles. , 2014, , .		8
53	Thermal Analysis of a Novel Cylindrical Transverse-Flux Permanent-Magnet Linear Machine. Energies, 2015, 8, 7874-7896.	1.6	8
54	Analysis and Experimental Evaluation of Harmonic Leakage Inductance for Polyphase PM Machines Having Close Slot and Pole Combinations. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	8

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55	An Easy-to-Implement Hysteresis Model Identification Method Based on Support Vector Regression. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	8
56	Research on Control Strategy of Free-Piston Stirling Power Generating System. Energies, 2017, 10, 1609.	1.6	8
57	Short-Circuit Fault Detection for a Five-Phase 30-Slot/32-Pole Permanent-Magnet Synchronous Machine. , 2018, , .		8
58	Investigation of an Integrated Magnetic-Field-Modulated Brushless Double-Rotor Machine With an Improved PM Rotor. IEEE Transactions on Magnetics, 2021, 57, 1-6.	1.2	8
59	Experimental Study of Compound-Structure Permanent-Magnet Synchronous Machine Used for HEVs. IEEE Transactions on Magnetics, 2013, 49, 807-810.	1.2	7
60	Investigation of a five-phase 20-slot/18-pole PMSM for electric vehicles. , 2014, , .		7
61	Research on control strategy of free-piston stirling-engine linear-generator system. , 2014, , .		7
62	Analytical Investigation of the Magnetic-Field Distribution in an Axial Magnetic-Field-Modulated Brushless Double-Rotor Machine. Energies, 2016, 9, 589.	1.6	7
63	Research on the vector control strategy of five-phase permanent-magnet synchronous machine based on third-harmonic current injection. , 2017, , .		7
64	Investigation of a less rare-earth permanent-magnet machine with the consequent pole rotor. AIP Advances, 2018, 8, .	0.6	7
65	Analysis of Magnetic Properties of AlNiCo and Magnetization State Estimation in Variable-Flux PMSMs. IEEE Transactions on Magnetics, 2019, 55, 1-6.	1.2	7
66	Experimental Evaluation of a Radial-Radial-Flux Compound-Structure Permanent-Magnet Synchronous Machine Used for HEVs. , 2008, , .		6
67	Design and transient behavior of magnetic gears. Journal of Applied Physics, 2014, 115, .	1.1	6
68	Investigation of a Magnetic-Field Modulated Brushless Double-Rotor Machine With the Same Polarity of PM Rotor. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	6
69	Analytical Modeling of an Axial Flux Magnetic-Geared Double-Rotor Machine With Interior-Modulating Rotor. IEEE Transactions on Magnetics, 2022, 58, 1-6.	1.2	6
70	Research on the Control of a Radial-Radial Flux Compound-Structure Permanent-Magnet Synchronous Machine Used for HEVs. , 2008, , .		5
71	Comparison and evaluation of different compound-structure permanent-magnet synchronous machine used for HEVs. , 2010, , .		5
72	Magnetic Decoupling Design and Experimental Validation of a Radial-Radial Flux Compound-Structure Permanent-Magnet Synchronous Machine for HEVs. Energies, 2012, 5, 4027-4039.	1.6	5

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73	Analysis and Experiment of a Novel Brushless Double Rotor Machine for Power-Split Hybrid Electrical Vehicle Applications. Energies, 2013, 6, 3209-3223.	1.6	5
74	Design and optimization of five-phase fault-tolerant in-wheel permanent machine with low mutual-inductance. , 2014, , .		5
75	Investigation of low space harmonic six-phase PMSM with FSCWS for electric vehicle applications. , 2017, , .		5
76	Investigation of the Magnetic Circuit and Performance of Less-Rare-Earth Interior Permanent-Magnet Synchronous Machines Used for Electric Vehicles. Energies, 2017, 10, 2173.	1.6	5
77	Tubular unified magneticâ€field fluxâ€switching PMLM for freeâ€piston energy converter. IET Electric Power Applications, 2019, 13, 625-634.	1.1	5
78	Comparison of Vernier Machines with Different Rotor PM Configurations. , 2019, , .		5
79	Comparative Investigations of Inverter Short-Circuit Fault and Winding Terminal Short-Circuit Fault in Open-End Winding Five-Phase PM Machine System. IEEE Transactions on Magnetics, 2021, 57, 1-5.	1.2	5
80	Active Damping Current Control for Current-Source Inverter-Based PMSM Drives. IEEE Transactions on Industrial Electronics, 2023, 70, 3549-3560.	5.2	5
81	Pole optimization of brushless DC motor. , 0, , .		4
82	Comprehensive research on compound-structure permanent-magnet synchronous machine system used for HEVs. , 2010, , .		4
83	Research on dual-plane vector control of fivephase fault-tolerant permanent magnet machine. , 2014, , .		4
84	A New Magnetic-Field-Modulated Brushless Double-Rotor Machine. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	4
85	Investigation of a tubular dual-stator flux-switching permanent-magnet linear generator for free-piston energy converter. Journal of Applied Physics, 2015, 117, 17B519.	1.1	4
86	A Novel Variable-Flux PMSM with Parallel Hybrid Magnets Capable of Operating in a Wide Speed Range. , 2019, , .		4
87	Multi-objective shape optimization of Permanent Magnet Synchronous Motor based on Kriging surrogate model and design domain reduction. , 2019, , .		4
88	A High-Torque-Density Variable-Flux Memory Machine Utilizing Novel (Ce, Nd)-Fe-B Magnets. IEEE Transactions on Magnetics, 2021, 57, 1-6.	1.2	4
89	Investigation of a Dual-Winding Dual-Flux-Concentrated Magnetic-Field-Modulated Brushless Compound-Structure Machine. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	4
90	Study of a High-Efficiency Seriesâ€“Parallel-Connected Hybrid-PM Variable-Flux Permanent Magnet Synchronous Machine. IEEE Transactions on Magnetics, 2022, 58, 1-7.	1.2	4

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91	Evaluation of performance and magnetic characteristics of a radial-radial flux compound-structure permanent-magnet synchronous machine used for hybrid electric vehicle. Journal of Applied Physics, 2008, 103, 07F130.	1.1	3
92	Torque ripple reduction in an interior permanent-magnet synchronous motor for servo applications. , 2011, , .		3
93	The electromagnetic propeller based on a five-phase fault-tolerant permanent-magnet machine. , 2012, , .		3
94	An axial magnetic-field-modulated brushless double-rotor machine for hybrid electric vehicles. , 2014, , .		3
95	Research on a four-phase fault-tolerant PMSM used for EVs. , 2014, , .		3
96	Design and analytical inductance calculations of five-phase fault-tolerant permanent-magnet Machine. , 2014, , .		3
97	Magnetic circuit and torque analysis of a brushless transverse flux dual-rotor machine used for HEVs. , 2014, , .		3
98	The simulation design of parameters optimization on tubular linear motor with optimal output force. , 2016, , .		3
99	A single-phase axially-magnetized permanent-magnet oscillating machine for miniature aerospace power sources. AIP Advances, 2017, 7, .	0.6	3
100	Performance Evaluation and Design Consideration of Low Coercivity Magnets Used in Variable-Flux Permanent Magnet Synchronous Machine. , 2018, , .		3
101	Improvement of a Hybrid-PM Interior-PMSM with Six-Phase FSCW for EV Application. , 2018, , .		3
102	Comparative study of hybrid-PM variable-flux machines with different series PM configurations. AIP Advances, 2019, 9, .	0.6	3
103	A Quasi-Sinusoidal Concentrated Winding Used in an Integrated Magnetic-Field-Modulated Brushless Compound-Structure Machine. IEEE Transactions on Industrial Electronics, 2022, 69, 7675-7684.	5.2	3
104	Compensation Strategy Based on Rotating Rhombus Method for Five-Phase PMSM With One-Phase Terminal Short-Circuit Fault. IEEE Transactions on Magnetics, 2021, 57, 1-5.	1.2	3
105	Analyze and Design of Six Phase Fault-Tolerant PMSM with Novel Slot Opening Distribution. , 2020, , .		3
106	Optimization on Magnetization-Regulation Performance of a Variable-Flux Machine with Parallel Permanent Magnets. , 2020, , .		3
107	Five-Phase Hybrid Single-/Double-Layer Fractional Slot-Winding PMSM for Torque Improvement Under Third Harmonic Current Injection Condition. IEEE Transactions on Magnetics, 2022, 58, 1-6.	1.2	3
108	Trajectory-Regulation-Based Segmented Control for Dead Center Positions Tracking of Free-Piston Linear Generator. IEEE Transactions on Industrial Electronics, 2023, 70, 3426-3436.	5.2	3

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109	Theoretical and experimental research on hybrid-magneticcircuit multi-couple motor. , 0, , .		2
110	Performance calculation of brushless DC motor. , 2005, , .		2
111	Function validations of a radial-radial flux compound-structure permanent-magnet synchronous machine for HEVs. , 2010, , .		2
112	Comparative study of remediation methods for open circuit fault in a novel symmetric six-phase fault-tolerant PM machine drives for EVs. , 2014, , .		2
113	Research on the vibration and noise of less rare-earth interior U permanent magnet synchronous machine. , 2014, , .		2
114	Power piston support components design of free piston Stirling linear generator. , 2016, , .		2
115	A tubular hybrid Halbach/axially-magnetized permanent-magnet linear machine. AIP Advances, 2017, 7, 056629.	0.6	2
116	Design and analysis of a single-phase oscillating permanent-magnet linear machine. , 2017, , .		2
117	Electromagnetic and mechanical analyses of less-rare-earth interior permanent-magnet synchronous machine used for electric vehicles. , 2017, , .		2
118	Research on system control and energy management strategy of flux-modulated compound-structure permanent magnet synchronous machine. CES Transactions on Electrical Machines and Systems, 2017, 1, 100-108.	2.7	2
119	Optimization and Mechanical Strength Analysis of Less-Rare-Earth Interior Permanent-Magnet Synchronous Machines Used for Electric Vehicles. , 2018, , .		2
120	A Consequent-Pole Five-Phase Fault-Tolerant Permanent-Magnet Synchronous Machine for Electric Vehicles. , 2018, , .		2
121	Mover Optimization and Mechanical Strength Analysis of a Tubular Permanent-Magnet Linear Motor. , 2019, , .		2
122	Comparison of Five-Phase and Three-Phase PMSMs with Identical Silicon Steel Laminations. , 2019, , .		2
123	Research on Electromagnetic Performance of a Novel Hybrid-PM Variable-Flux Machine. , 2019, , .		2
124	Magnetic Circuit Model and Performance Analysis of a V-Type Hybrid Permanent-Magnet Variable- Flux Machine. , 2019, , .		2
125	Research and Optimization of a Novel Flux-Modulated Permanent Magnet Vernier Machine. , 2020, , .		2
126	Design and Analysis of a Novel Tubular High-PM-Utilization Transverse-Flux Linear Machine. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	2

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127	A Novel High Torque Density Dual Three-Phase PMSM With Low Space Harmonic Content. IEEE Transactions on Magnetics, 2022, 58, 1-7.	1.2	2
128	Investigation of a unified controller of compound structure permanent-magnet synchronous machine for HEV applications. , 2010, , .		1
129	Design and Analysis of Compound-Structure Permanent-Magnet Synchronous Machine Used for Hybrid Electric Vehicles. , 2010, , .		1
130	Optimization on thrust ripple of an axial-flux permanent-magnet linear synchronous machine. , 2011, , .		1
131	Research on a novel tubular transverse-flux permanent-magnet linear machine for free-piston energy converter. , 2011, , .		1
132	Investigation of interior axially magnetized permanent magnet tubular linear machine used for electromagnetic launcher. , 2012, , .		1
133	Research on an axial-axial flux compound-structure PMSM with varying air gap to fulfill field-weakening control. , 2014, , .		1
134	Six-phase fault-tolerant permanent magnet motor drives with reduced switch counts: Topology comparisons and hardware demonstration. , 2015, , .		1
135	Research on a Four-Phase Fault-Tolerant Permanent-Magnet Machine for Aerospace Application. , 2018, , .		1
136	Research on Torque Ripple of Multi-Phase PM Machine under Fault-Tolerant Condition. , 2019, , .		1
137	Research on Thrust Fluctuation and Thermal Field of Tubular Permanent Magnet Linear Machine. , 2019, , .		1
138	Design Methodologies for Variable-Flux Machines With Extra Torqueâ€“Speed Range. IEEE Transactions on Magnetics, 2022, 58, 1-6.	1.2	1
139	Force Modeling and Analysis of a Tube Flux-Switching Transverse-Flux Permanent Magnet Linear Motor. IEEE Transactions on Industry Applications, 2022, 58, 4575-4586.	3.3	1
140	Multiobjective Particle Swarm Optimization Design of Permanent Magnet Machine for Torque Density Improvement and Torque Ripple Suppression. , 2022, , .		1
141	An Innovative Mutually Coupled Switched Reluctance Motor for Torque Enhancement and Torque Ripple Mitigation. , 2022, , .		1
142	Research on the relation between the propulsive force and magnetic system of the coil launcher based on the mechanism of hybrid switched reluctance motor. IEEE Transactions on Magnetics, 2003, 39, 116-119.	1.2	0
143	A Chaotic Duffing Receiving System Based on OOK Digital Modulation. , 2008, , .		0
144	The design method to realize magnetic decoupling for a radial-radial flux compound-structure permanent-magnet synchronous machine. , 2010, , .		0

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145	Research on the electromagnetic structure and performance of a novel transverse-flux PM linear machine used for free-piston energy converter. , 2010, , .		0
146	Design of a brushless compound-structure permanent-magnet synchronous machine for HEV propulsion system. , 2010, , .		0
147	Research on compound-structure permanent-magnet synchronous machine used for hybrid electric vehicles. , 2010, , .		0
148	Investigation of an axial-axial flux compound-structure permanent-magnet synchronous machine used for HEVs. , 2010, , .		0
149	Analysis and Design of a High Power Density Axial Flux Permanent Magnet Linear Synchronous Machine Used for Stirling System. , 2010, , .		0
150	Analysis and optimization of a novel brushless compound-structure permanent-magnet synchronous machine. , 2010, , .		0
151	Design and experiment of an axial-axial flux compound-structure PMSM Used for HEVs. , 2010, , .		0
152	Research on electromagnetic performance of a five-phase six-pole modular permanent-magnet motor. , 2011, , .		0
153	Design and optimization of a single-phase oscillating PM alternator used for free-piston stirling engines. , 2014, , .		0
154	Scheme optimization of an axial magnetic-field-modulated brushless double-rotor machine. , 2014, , .		0
155	Flux leakage analysis of transverse-flux PM linear machine. , 2014, , .		0
156	Research on the electromagnetic performance of less rare-earth interior V permanent-magnet synchronous machine. , 2014, , .		0
157	Control strategy for a four-phase fault-tolerant permanent-magnet synchronous machine. , 2014, , .		0
158	Design and test of torque adjustment system of five-phase fault-tolerant permanent-magnet machine. , 2014, , .		0
159	Design of speed regulation system based on fivephase permanent magnet machine with outer rotor. , 2014, , .		0
160	Research on a tubular flux-switching permanent-magnet linear machine. , 2017, , .		0
161	Optimization and thermal analysis of less-rare-earth interior permanent-magnet synchronous machines used for electric vehicles. , 2017, , .		0
162	Torque Analysis of Magnetic-Field-Modulated Double-Rotor Machines with Virtual Work Method. , 2018, , .		0

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163	Investigation of Electromagnetic Performance of Magnetic-Field Modulated Brushless Double-Rotor Electrical Variable Transmission for HEV s. , 2018, , .		0
164	An Adaptive Rotor Flux Observer for Variable Flux Machine. , 2018, , .		0
165	Performance Analysis of a Hybrid-Magnetic-Pole Variable-Flux Machine. , 2019, , .		0
166	Analysis and Optimization of a Tubular Permanent-Magnet Linear Generator. , 2019, , .		0
167	Model Predictive Control with Improved Current Loop Cascaded for Manipulator Systems. , 2019, , .		0
168	Sinusoidal Commutation of a Micro Coreless BLDC Motor with Delta-Sigma ADC Current Sensing. , 2019, , .		0
169	Unified Control Scheme of Five-Phase Open-Winding Permanent-Magnet Synchronous Generator Systems for Aerospace Applications. IEEE Access, 2021, 9, 121445-121455.	2.6	0
170	Design Method and Performance Evaluation of Modular Multiphase PMSM with Hybrid Single/Double Layer Fractional-Slot Concentrated Winding. , 2021, , .		0
171	Design and Analysis of a Novel Primary-Permanent-Magnet Transverse-Flux Linear Generator for Free-Piston Energy Converter. , 2021, , .		0
172	Design, modelling and analysis of a hybrid-magnet variable-flux PMSM with variable series-parallel magnetic circuit. Energy Reports, 2022, 8, 1200-1209.	2.5	0
173	Design Method and Performance Evaluation of Modular Multiphase PMSM with Hybrid Single/Double Layer Fractional-Slot Concentrated Winding. Journal of Electrical Engineering and Technology, 0, , .	1.2	0