

## List of Publications by Citations

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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.

50 papers	990 citations	18 h-index	30 g-index
53 ext. papers	1,235 ext. citations	4.8 avg, IF	5.04 L-index

#	Paper	IF	Citations
50	Analysis of Air-Gap Field Modulation and Magnetic Gearing Effects in Switched Flux Permanent Magnet Machines. <i>IEEE Transactions on Magnetics</i> , <b>2015</b> , 51, 1-12	2	162
49	. <i>IEEE Transactions on Energy Conversion</i> , <b>2015</b> , 30, 1472-1482	5.4	71
48	. <i>IEEE Transactions on Energy Conversion</i> , <b>2015</b> , 30, 772-783	5.4	49
47	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> , <b>2018</b> , 65, 1965-1979	8.9	46
46	Optimum Injected Harmonics Into Magnet Shape in Multiphase Surface-Mounted PM Machine for Maximum Output Torque. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 4434-4443	8.9	40
45	Novel Doubly Salient Permanent Magnet Machines With Partitioned Stator and Iron Pieces Rotor. <i>IEEE Transactions on Magnetics</i> , <b>2015</b> , 51, 1-12	2	39
44	Analysis of the Operation Principle for Rotor-Permanent-Magnet Flux-Switching Machines. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 1062-1073	8.9	36
43	Analysis of Magnetic Gearing Effect in Partitioned Stator Switched Flux PM Machines. <i>IEEE Transactions on Energy Conversion</i> , <b>2016</b> , 31, 1239-1249	5.4	35
42	Comparative Study of Partitioned Stator Machines With Different PM Excitation Stators. <i>IEEE Transactions on Industry Applications</i> , <b>2016</b> , 52, 199-208	4.3	32
41	A Novel Flux-Switching Permanent Magnet Machine With Overlapping Windings. <i>IEEE Transactions on Energy Conversion</i> , <b>2017</b> , 32, 172-183	5.4	32
40	A Partitioned Stator Variable Flux Reluctance Machine. <i>IEEE Transactions on Energy Conversion</i> , <b>2016</b> , 31, 78-92	5.4	27
39	Comparative Analysis of End Effect in Partitioned Stator Flux Reversal Machines Having Surface-Mounted and Consequent Pole Permanent Magnets. <i>IEEE Transactions on Magnetics</i> , <b>2016</b> , 52, 1-4	2	27
38	Reduction of Open-Circuit DC-Winding-Induced Voltage in Wound Field Switched Flux Machines by Skewing. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 1715-1726	8.9	25
37	Torque Improvement in Five-Phase Unequal Tooth SPM Machine by Injecting Third Harmonic Current. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 206-215	6.8	24
36	Influence of Coil Pitch and Stator-Slot/Rotor-Pole Combination on Back EMF Harmonics in Flux-Reversal Permanent Magnet Machines. <i>IEEE Transactions on Energy Conversion</i> , <b>2018</b> , 33, 1330-1341	5.4	22
35	Comprehensive Comparison of Rotor Permanent Magnet and Stator Permanent Magnet Flux-Switching Machines. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 5862-5871	8.9	22
34	Modular Spoke-Type Permanent-Magnet Machine for In-Wheel Traction Applications. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 7648-7659	8.9	21

33	Analysis and Reduction of On-Load DC Winding Induced Voltage in Wound Field Switched Flux Machines. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 2655-2666	8.9	19
32	Partitioned Stator Machines With NdFeB and Ferrite Magnets. <i>IEEE Transactions on Industry Applications</i> , <b>2017</b> , 53, 1870-1882	4.3	18
31	Comparative Analysis of Partitioned Stator Flux Reversal PM Machines Having Fractional-Slot Nonoverlapping and Integer-Slot Overlapping Windings. <i>IEEE Transactions on Energy Conversion</i> , <b>2016</b> , 31, 776-788	5.4	18
30	Flux-Weakening Control Performance of Partitioned Stator-Switched Flux PM Machines. <i>IEEE Transactions on Industry Applications</i> , <b>2016</b> , 52, 2350-2359	4.3	17
29	Comparative Analysis of Partitioned Stator Flux Reversal PM Machine and Magnetically Geared Machine Operating in Stator-PM and Rotor-PM Modes. <i>IEEE Transactions on Energy Conversion</i> , <b>2017</b> , 32, 903-917	5.4	16
28	Cogging torque suppression in flux-reversal permanent magnet machines. <i>IET Electric Power Applications</i> , <b>2018</b> , 12, 135-143	1.8	16
27	Comparison of Partitioned Stator Switched Flux Permanent Magnet Machines Having Single- or Double-Layer Windings. <i>IEEE Transactions on Magnetics</i> , <b>2016</b> , 52, 1-10	2	16
26	Design Considerations of Novel Modular-Spoke-Type Permanent Magnet Machines. <i>IEEE Transactions on Industry Applications</i> , <b>2018</b> , 54, 4236-4245	4.3	16
25	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> , <b>2017</b> , 53, 3305-3316	4.3	13
24	Cogging torque minimisation in FSPM machines by right-angle-based tooth chamfering technique. <i>IET Electric Power Applications</i> , <b>2018</b> , 12, 627-634	1.8	13
23	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> , <b>2020</b> , 56, 1408-1422	4.3	13
22	Investigation on Phase Shift Between Multiple Multiphase Windings in Flux-Switching Permanent Magnet Machines. <i>IEEE Transactions on Industry Applications</i> , <b>2017</b> , 53, 1958-1970	4.3	11
21	Analysis and Suppression of Induced Voltage Pulsation in DC Winding of Five-Phase Wound-Field Switched Flux Machines. <i>IEEE Transactions on Energy Conversion</i> , <b>2019</b> , 34, 1890-1905	5.4	11
20	A Comparative Study on Nine- and Twelve-Phase Flux-Switching Permanent-Magnet Wind Power Generators. <i>IEEE Transactions on Industry Applications</i> , <b>2019</b> , 55, 3607-3616	4.3	11
19	Influence of DC Winding Configuration on Its Induced Voltage in Wound Field Machines. <i>IEEE Transactions on Energy Conversion</i> , <b>2018</b> , 33, 1825-1836	5.4	11
18	Mitigating the Torque Ripple in Electric Traction Using Proportional Integral Resonant Controller. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 10820-10831	6.8	11
17	Analysis of Stator Slots and Rotor Pole Pairs Combinations of Rotor-Permanent Magnet Flux-Switching Machines. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 906-918	8.9	11
16	A Lumped Parameter Thermal Model for Single-Sided AFPM Machines With Experimental Validation. <i>IEEE Transactions on Transportation Electrification</i> , <b>2020</b> , 6, 1065-1083	7.6	9

15	Analysis of coupling between two sub-machines in co-axis dual-mechanical-port flux-switching PM machine for fuel-based extended range electric vehicles. <i>IET Electric Power Applications</i> , <b>2019</b> , 13, 48-56	1.8	5
14	Comparison of partitioned stator switched flux permanent magnet machines having single- and double-layer windings <b>2015</b> ,		3
13	Electromagnetic performance of switched flux PM machines with two separate stators. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , <b>2016</b> , 35, 376-395	0.7	3
12	A dual-channel flux-switching permanent magnet motor for hybrid electric vehicles. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 07E736	2.5	3
11	Reduction of On-load DC Winding Induced Voltage in Partitioned Stator Wound Field Switched Flux Machines by Dual Three-phase Armature Winding. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	3
10	Analysis of DC Winding Induced Voltage in Wound-Field Flux-Switching Machine with Air-Gap Field Modulation Principle. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	3
9	Performance comparison of partitioned stator machines with NdFeB and ferrite magnets <b>2015</b> ,		2
8	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 <b>2020</b> ,		2
7	Enhancement of torque density in wound field switched flux machines with partitioned stators using assisted ferrites. <i>Chinese Journal of Electrical Engineering</i> , <b>2021</b> , 7, 42-51	4	2
6	Influence of rotor-pole number on electromagnetic performance in twelve-phase redundant SFPM machines for wind power generation <b>2016</b> ,		1
5	Flux-weakening control performance of partitioned stator switched flux PM machines <b>2015</b> ,		1
4	Comparative analysis of parasitic losses in partitioned stator switched flux PM machines with double- and single-layer windings <b>2015</b> ,		1
3	Influence of rotor iron bridge position on DC-winding-induced voltage in wound field switched flux machine having partitioned stators. <i>Chinese Journal of Electrical Engineering</i> , <b>2021</b> , 7, 20-28	4	1
2	Influence of stator/rotor-pole combination on electromagnetic performance in all/alternate poles wound partitioned stator doubly salient permanent magnet machines. <i>Journal of Engineering</i> , <b>2017</b> , 2017, 237-245	0.7	0
1	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> , <b>2022</b> , 1-1	4.3	0