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Analysis and Design of a Double-Stator Flux-Switching Permanent Magnet Machine Using Ferrite Magnet in Hybrid Electric Vehicles

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IEEE Transactions on Magnetics, 2016, 52, 1-4.

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#	Paper	IF	Citations
26	Comparative Study of High Performance Double-Stator Switched Flux Permanent Magnet Machines. 2016,		4
25	An Electromagnet-Assisted Ferrite Magnet Motor. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-4	2	3
24	Vector control for flux-switching permanent magnet machine based on SVPWM. 2017,		
23	Design and Analysis of a Novel Modular-Stator Tubular Permanent-Magnet Vernier Motor. <i>IEEE Transactions on Applied Superconductivity</i> , 2018 , 28, 1-5	1.8	6
22	An Integrated Switched Reluctance Motor Drive Topology With Voltage-Boosting and On-Board Charging Capabilities for Plug-In Hybrid Electric Vehicles (PHEVs). <i>IEEE Access</i> , 2018 , 6, 1550-1559	3.5	21
21	. 2018,		
20	Torque ripple reduction of a synchronous reluctance motor for electric vehicle applications. 2018,		3
19	Novel Dual-Stator Machines With Biased Permanent Magnet Excitation. <i>IEEE Transactions on Energy Conversion</i> , 2018 , 33, 2070-2080	5.4	11
18	Neural Network Meta-Modeling and Optimization of Flux Switching Machines. 2019,		
17	Analytical Based Enhancement of the Torque Production Capability of Flux Switching PM Machines. 2019,		
16	Design and Optimization Procedure of a Mechanical-Offset Complementary-Stator Flux-Reversal Permanent-Magnet Machine. <i>IEEE Transactions on Magnetics</i> , 2019 , 55, 1-7	2	7
15	Topologies of a Double Stator Flux Switching Motor with Ferrite Magnets. 2019,		1
14	Performance modifications and design aspects of rotating flux switching permanent magnet machines: a review. <i>IET Electric Power Applications</i> , 2020 , 14, 1-15	1.8	6
13	Flux-Switching Permanent Magnet Machines: A Review of Opportunities and ChallengesPart I: Fundamentals and Topologies. <i>IEEE Transactions on Energy Conversion</i> , 2020 , 35, 684-698	5.4	21
12	Design of Axial Flux Induction Motor With Reduced Back Iron for Electric Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 293-301	6.8	11
11	Design and Analysis of a Low-Speed and High-Torque Dual-Stator Permanent Magnet Motor With Inner Enhanced Torque. <i>IEEE Access</i> , 2020 , 8, 182984-182995	3.5	5
10	Comparative Study of Novel Dual Stator Machines Having Different Biased PM Configurations. <i>IEEE Transactions on Magnetics</i> , 2021 , 1-1	2	

9	A Critical Review of Advanced Electric Machines and Control Strategies for Electric Vehicles. <i>Proceedings of the IEEE</i> , 2021 , 109, 1004-1028	14.3	40
8	Performance optimisation of a segmented outer rotor flux switching permanent magnet motor for direct drive washing machine application. <i>IET Electric Power Applications</i> , 2021 , 15, 1574	1.8	2
7	Analytical Model for Brushless Double Mechanical Port Flux-Switching Permanent Magnet Machines. <i>IEEE Transactions on Magnetics</i> , 2021 , 57, 1-13	2	0
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4	Influence of Rotor Pole Number on Electromagnetic Performance of Double-Stator Switched Flux PM Machines. 2016 ,		3
3	Analysis and optimization of a 12/14 double-stator flux-switching machine using low cost magnet. <i>IET Electric Power Applications</i> , 2021 , 15, 129-144	1.8	0
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1	Performance improvement of a novel sandwiched permanent magnet switched flux machine with flux barriers. 2023 , 9, 596-603		0