

# Wenye Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

493  
citations

933264

10  
h-index

940416

16  
g-index

24  
all docs

24  
docs citations

24  
times ranked

324  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimode Optimization Design Methodology for a Flux-Controllable Stator Permanent Magnet Memory Motor Considering Driving Cycles. IEEE Transactions on Industrial Electronics, 2018, 65, 5353-5366.	5.2	166
2	Multi-objective Optimization Design of Variable-Saliency-Ratio PM Motor Considering Driving Cycles. IEEE Transactions on Industrial Electronics, 2021, 68, 6516-6526.	5.2	69
3	Comparative Design and Analysis of New Type of Flux-Intensifying Interior Permanent Magnet Motors With Different <i>Q</i> -Axis Rotor Flux Barriers. IEEE Transactions on Energy Conversion, 2018, 33, 2260-2269.	3.7	46
4	Design and Analysis of a Hybrid Permanent Magnet Assisted Synchronous Reluctance Motor Considering Magnetic Saliency and PM Usage. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-6.	1.1	36
5	Design and Analysis of a Spoke-Type Hybrid Permanent Magnet Motor for Electric Vehicles. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	35
6	Flux-Weakening Capability Enhancement Design and Optimization of a Controllable Leakage Flux Multilayer Barrier PM Motor. IEEE Transactions on Industrial Electronics, 2021, 68, 7814-7825.	5.2	24
7	Flux-Leakage Design Principle and Multiple-Operating Conditions Modeling of Flux Leakage Controllable PM Machine Considering Driving Cycles. IEEE Transactions on Industrial Electronics, 2022, 69, 8862-8874.	5.2	21
8	Orthogonal Magnetic Field Analysis of a Double-Stator Linear-Rotary Permanent Magnet Motor With Orthogonally Arrayed Permanent Magnets. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	20
9	Design and Analysis of an Interior Permanent Magnet Synchronous Machine With Multiflux-Barriers Based on Flux-Intensifying Effect. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.1	16
10	Characteristic analysis of a less-rare-earth hybrid PM-assisted synchronous reluctance motor for EVs application. AIP Advances, 2017, 7, .	0.6	10
11	Reverse Saliency Optimization of Flux-Intensifying Hybrid Permanent Magnet Machine for Variable Speed Applications. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.1	8
12	Model Predictive Control of Soft Constraints for Autonomous Vehicle Major Lane-Changing Behavior With Time Variable Model. IEEE Access, 2021, 9, 89514-89525.	2.6	8
13	Performance Evaluation of a U-Shaped Less-Rare-Earth Hybrid Permanent Magnet Assisted Synchronous Reluctance Motor. , 2016, , .		6
14	Design and comparison of two non-rare-earth permanent magnet synchronous reluctance motors for EV applications. , 2017, , .		6
15	Design and analysis of a new flux-intensifying permanent magnet brushless motor with multilayer flux barriers. AIP Advances, 2017, 7, 056628.	0.6	6
16	Demagnetization investigation of a partitioned rotor flux switching machine with hybrid permanent magnet. AIP Advances, 2017, 7, .	0.6	4
17	Electromagneticâ€“Mechanical Coupling Optimization of an IPM Synchronous Machine with Multi Flux Barriers. Energies, 2020, 13, 1819.	1.6	4
18	Design and Analysis of a New Permeability-Modulated Interior Permanent-Magnet Synchronous Machine. IEEE Transactions on Magnetics, 2021, 57, 1-5.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Investigation of Reverse Saliency Characteristic in Flux-Intensifying Hybrid Permanent Magnet Motor Considering Various Operation Conditions. , 2018, , .		2
20	Design and Analysis of Adjustable Flux Leakage Characteristics in IPM Synchronous Machine Based on Regression Orthogonal Method. , 2020, , .		2
21	Electromagnetic Performance Analysis of a Partitioned Rotor Hybrid-Excited Flux-Switching Permanent Magnet Machine. , 2016, , .		1
22	Optimal Design of an Asymmetrical-Rotor Hybrid Permanent Magnet Motor For Approaching Maximum Output Torque. , 2018, , .		0
23	Reduced-order resonant regulator-based position harmonic error suppression for sensorless permanent magnet synchronous motor drives. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2021, 235, 1287-1296.	0.7	0
24	Design and Analysis of a new Flux-adjustable Permanent Magnet Motor Considering Efficiency Characteristic over Wide Speed Ranges. , 2020, , .		0