Yiming Shen

List of Publications by Year
in descending order

22	293	932766 10	887659 17
papers	citations	h-index	g-index

22	22	22	229
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design Criterion and Analysis of Hybrid-Excited Vernier Reluctance Linear Machine With Slot Halbach PM Arrays. IEEE Transactions on Industrial Electronics, 2023, 70, 5074-5084.	5.2	10
2	Design and Analysis of Hybrid-Excited Flux Modulated Linear Machines With Zero-Sequence Current Excitation. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 1834-1846.	3.7	10
3	Electromagnetic Analysis for Interior Permanent-Magnet Machine Using Hybrid Subdomain Model. IEEE Transactions on Energy Conversion, 2022, 37, 1223-1232.	3.7	4
4	Performance Analysis of Tubular Partitioned Stator Flux-Reversal Linear Machine With Different Slot/Pole Combinations and Winding Structures. IEEE Transactions on Industry Applications, 2022, 58, 1991-2000.	3.3	2
5	Overview of Permanent Magnet Linear Machines with Primary Excitation. , 2021, , .		3
6	Fault-Tolerance Performance Analysis of a Five-Phase Permanent-Magnet Linear Synchronous Machine. IEEE Transactions on Magnetics, 2021, 57, 1-5.	1.2	0
7	Robust Design and Analysis of Asymmetric-Excited Flux Reversal PM Linear Machine for Long-Stroke Direct Drive Propulsion. IEEE Transactions on Magnetics, 2021, 57, 1-4.	1.2	8
8	Analysis and Evaluation of Hybrid-Excited Doubly Salient Permanent Magnet Linear Machine With DC-Biased Armature Current. IEEE Transactions on Industry Applications, 2021, 57, 3666-3677.	3.3	16
9	Analytical Model of Permanent Magnet Linear Synchronous Machines Considering End Effect and Slotting Effect. IEEE Transactions on Energy Conversion, 2020, 35, 139-148.	3.7	38
10	Investigation of a Modular Linear Doubly Salient Machine With Dual-PM in Primary Yoke and Slot Openings. IEEE Transactions on Magnetics, 2019, 55, 1-6.	1.2	17
11	Investigation of a Partitioned-Primary Hybrid-Excited Flux-Switching Linear Machine With Dual-PM. IEEE Transactions on Industry Applications, 2019, 55, 3649-3659.	3.3	20
12	Flux-Density Harmonics Analysis of Switched-Flux Permanent Magnet Machines. IEEE Transactions on Magnetics, 2019, 55, 1-7.	1.2	9
13	Comparative Study of Two Novel Double-Sided Hybrid-Excitation Flux-Reversal Linear Motors With Surface and Interior PM Arrangements. IEEE Transactions on Magnetics, 2019, 55, 1-7.	1.2	14
14	A Novel Linear Hybrid-Excited Slot Permanent Magnet Machine with DC-Biased Sinusoidal Current. , 2019, , .		6
15	Design Optimization and Performance Investigation of Linear Doubly Salient Slot Permanent Magnet Machines. IEEE Transactions on Industry Applications, 2019, 55, 1524-1535.	3.3	18
16	Analysis of a Novel Double-Sided Yokeless Multitooth Linear Switched-Flux PM Motor. IEEE Transactions on Industrial Electronics, 2018, 65, 1837-1845.	5.2	59
17	Design and Analysis of Linear Hybrid-Excited Slot Permanent Magnet Machines. IEEE Transactions on Magnetics, 2018, 54, 1-6.	1.2	14
18	Investigation of Novel Multi-Tooth Linear Variable Flux Reluctance Machines. IEEE Transactions on Magnetics, 2018, 54, 1-5.	1.2	7

#	ARTICLE	IF	CITATIONS
19	Analysis of a Novel Linear Doubly Salient Slot Permanent Magnet Motor. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	14
20	Design and Performance Investigation of Novel Linear Switched Flux PM Machines. IEEE Transactions on Industry Applications, 2017, 53, 4590-4602.	3.3	20
21	Design and performance investigation of doubly salient slot permanent magnet linear machines. , 2017, , .		2
22	Double-Stator Air-Core Tubular Permanent Magnet Linear Motor for Vehicle Active Suspension Systems. , 2016, , .		2