Yiming Shen

List of Publications by Year in Descending Order

19 papers	151 citations	8 h-index	11 g-index
22 ext. papers	226 ext. citations	3.7 avg, IF	3.23 L-index

#	Paper	IF	Citations
19	Performance Analysis of Tubular Partitioned-Stator Flux-Reversal Linear Machine with Different Slot/Pole Combination and Winding Structure. *IEEE Transactions on Industry Applications*, **2022**, 1-1	4.3	
18	Fault-Tolerance Performance Analysis of a Five-Phase Permanent-Magnet Linear Synchronous Machine. *IEEE Transactions on Magnetics*, **2021**, 57, 1-5	2	
17	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	2	4
16	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*, **2021**, 1-1	5.6	2
15	Electromagnetic Analysis for Interior Permanent-Magnet Machine using Hybrid Subdomain Model. *IEEE Transactions on Energy Conversion*, **2021**, 1-1	5.4	1
14	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	4.3	3
13	Analytical Model of Permanent Magnet Linear Synchronous Machines Considering End Effect and Slotting Effect. *IEEE Transactions on Energy Conversion*, **2020**, 35, 139-148	5.4	18
12	. *IEEE Transactions on Industry Applications*, **2019**, 55, 3649-3659	4.3	10
11	Flux-Density Harmonics Analysis of Switched-Flux Permanent Magnet Machines. *IEEE Transactions on Magnetics*, **2019**, 55, 1-7	2	6
10	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	2	9
9	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	2	11
8	A Novel Linear Hybrid-Excited Slot Permanent Magnet Machine with DC-Biased Sinusoidal Current **2019**,		2
7	Design Optimization and Performance Investigation of Linear Doubly Salient Slot Permanent Magnet Machines. *IEEE Transactions on Industry Applications*, **2019**, 55, 1524-1535	4.3	9
6	Analysis of a Novel Double-Sided Yokeless Multitooth Linear Switched-Flux PM Motor. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 1837-1845	8.9	35
5	Design and Analysis of Linear Hybrid-Excited Slot Permanent Magnet Machines. *IEEE Transactions on Magnetics*, **2018**, 54, 1-6	2	7
4	Investigation of Novel Multi-Tooth Linear Variable Flux Reluctance Machines. *IEEE Transactions on Magnetics*, **2018**, 54, 1-5	2	5
3	Analysis of a Novel Linear Doubly Salient Slot Permanent Magnet Motor. *IEEE Transactions on Magnetics*, **2017**, 53, 1-4	2	12

2	Design and Performance Investigation of Novel Linear Switched Flux PM Machines. *IEEE Transactions on Industry Applications*, **2017**, 53, 4590-4602	4.3	14
1	Design and performance investigation of doubly salient slot permanent magnet linear machines **2017**,		1