

Xiaobao Yang

List of Publications by Year in descending order

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14
papers

180
citations

1478505

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1588992

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14
docs citations

14
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and Analysis of a Novel Transverse-Flux Flux-Reversal Linear Motor for Long-Stroke Application. IEEE Transactions on Industrial Electronics, 2016, 63, 6238-6248.	7.9	88
2	Development, Design, and Analysis of a Dual-Consequent-Pole Transverse Flux Linear Machine for Direct-Drive Applications. IEEE Transactions on Industrial Electronics, 2021, 68, 6097-6108.	7.9	20
3	Modeling and Analysis of a Transverse-Flux Flux-Reversal Motor. IEEE Transactions on Energy Conversion, 2016, 31, 1121-1131.	5.2	15
4	A Novel Dual-Consequent-Pole Transverse Flux Motor and Its Analytical Modeling. IEEE Transactions on Industrial Electronics, 2021, 68, 4141-4152.	7.9	14
5	Torque Characteristic Analysis of a Transverse Flux Motor Using a Combined-Type Stator Core. Applied Sciences (Switzerland), 2016, 6, 342.	2.5	13
6	Electromagnetic Design of a Dual-Consequent-Pole Transverse Flux Motor. IEEE Transactions on Energy Conversion, 2020, 35, 1547-1558.	5.2	10
7	Design and Analysis of a Novel Linear Vernier Motor with Split Tooth Structure. , 2019, , .		6
8	Force characteristic analysis of a magnetic gravity compensator with annular magnet array for magnetic levitation positioning system. AIP Advances, 2018, 8, .	1.3	5
9	Comparison of torque characteristic between two transverse flux motors with passive external rotor structure. , 2017, , .		3
10	Electromagnetic and Mechanical Characteristics Analysis of a Flat-Type Vertical-Gap Passive Magnetic Levitation Vibration Isolator. Shock and Vibration, 2016, 2016, 1-12.	0.6	2
11	Modelling of a Dual-side Excited Transverse Flux Permanent Magnet Linear Motor. , 2019, , .		1
12	Analysis of a Novel Transverse-flux Machine with Dual-tooth-slot Core Configuration for Direct-drive Applications. , 2019, , .		1
13	Structure Optimization Design and Analysis of Transverse Flux Linear Oscillation Motor with Moving Stator. , 2021, , .		1
14	Electromagnetic Analysis of a Tubular Transverse Flux Linear Machine with Dual-consequent-pole Configuration. , 2021, , .		1