

Yong Kong

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Rotor Structure on Reducing Demagnetization of Magnet and Torque Ripple in a PMA-synRM With Ferrite Permanent Magnet. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	41
2	Dual-Skew Magnet for Cogging Torque Minimization of Axial Flux PMSM With Segmented Stator. IEEE Transactions on Magnetics, 2020, 56, 1-6.	2.1	37
3	Design and Analysis of Halbach Ironless Flywheel BLDC Motor/Generators. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	34
4	Analysis of Axial Field Flux-Switching Memory Machine Based on 3-D Magnetic Equivalent Circuit Network Considering Magnetic Hysteresis. IEEE Transactions on Magnetics, 2019, 55, 1-4.	2.1	23
5	A Novel High Power Density Permanent-Magnet Synchronous Machine With Wide Speed Range. IEEE Transactions on Magnetics, 2020, 56, 1-6.	2.1	13
6	Design and Optimization of an External Rotor Ironless BLDCM Used in a Flywheel Energy Storage System. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	9
7	Comparative Study of E- and U-core Modular Dual-Stator Axial-Field Flux-Switching Permanent Magnet Motors With Different Stator/Rotor-Pole Combinations Based on Flux Modulation Principle. IEEE Access, 2021, 9, 78635-78647.	4.2	8
8	Design and Optimization of an Outer-Rotor Permanent Magnet Synchronous Machine With an Amorphous Stator Core. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	6
9	Polar Transformed Subdomain Modeling for Double-Stator Permanent Magnet Linear Synchronous Machine. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	5
10	Design and analysis of outer-rotor permanent magnet synchronous machine with amorphous stator core. , 2017, , .		2
11	A Double Stator Axial Field Flux-Switching Memory Machine with Series Permanent Magnet and DC Field Winding. , 2018, , .		2
12	Flux-weakening performance of series permanent magnet memory machine. , 2017, , .		1
13	A Novel High Power Density Permanent Magnet Synchronous Machine with Wide Speed Range. , 2018, , .		1
14	Investigation of the Torque Production Mechanism of Dual-Stator Axial-Field Flux-Switching Permanent Magnet Motors. Energies, 2021, 14, 5498.	3.1	1
15	Comprehensive Comparison of Two Fault Tolerant Axial Field Modular Flux-Switching Permanent Magnet Machines with Different Stator and Rotor Pole-Pairs Combinations. Machines, 2022, 10, 201.	2.2	1
16	Static characteristics analysis of a dual-rotor axial field flux-switching permanent magnet machine. , 2017, , .		0
17	Dual-Skew Magnet in Cogging Torque Minimization of YASA Machine. , 2018, , .		0