Mohammad Ardebili

List of Publications by Year
in descending order

23	215	1683354 5	1125271 13
papers	citations	h-index	g-index

23	23	23	241
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A survey on a novel double-rotor spoke-type permanent magnet induction generator employing bridged and bridgeless structures. Electrical Engineering, 2022, 104, 899-911.	1.2	2
2	Investigation into the Thermal Behavior and Loadability Characteristic of a YASA-AFPM Generator via an Improved 3-D Coupled Electromagnetic-Thermal Approach. International Journal of Engineering and Technology Innovation, 2021, 11, 88-102.	0.5	2
3	Investigation of structure and performance of a permanent magnet vernier induction generator for use in doubleâ€turbine wind systems in urban areas. IET Renewable Power Generation, 2020, 14, 4169-4178.	1.7	2
4	Multi-Objective Optimal Design and Analysis of a Direct Drive Double Stator Permanent Magnet Synchronous Wind Generator. , 2019, , .		2
5	Impact of Stator and Rotor Teeth Parameters on Operation and Characteristics of Flux Reversal machine. , 2019, , .		2
6	Design and Control of a Novel Yokeless Axial Flux-Switching Permanent-Magnet Motor. IEEE Transactions on Energy Conversion, 2019, 34, 631-642.	3.7	22
7	Design and prototyping of the novel axial flux-switching permanent-magnet motor. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2018, 37, 890-910.	0.5	4
8	Optimal Design and Analysis of the Novel Low Cogging Torque Axial Flux-Switching Permanent-Magnet Motor. Electric Power Components and Systems, 2018, 46, 1330-1339.	1.0	3
9	Sensor-less control of a novel axial flux-switching permanent-magnet motor. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2018, 37, 2299-2312.	0.5	1
10	Dynamic performance of the novel axial flux-switching permanent magnet motor. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2017, 36, .	0.5	1
11	Cogging torque reduction in axial-flux permanent magnet wind generators with yokeless and segmented armature by radially segmented and peripherally shifted magnet pieces. Renewable Energy, 2016, 99, 95-106.	4.3	21
12	Multiâ€objective design and prototyping of a low cogging torque axialâ€flux PM generator with segmented stator for smallâ€scale directâ€drive wind turbines. IET Electric Power Applications, 2016, 10, 889-899.	1.1	25
13	Investigation of pole and slot numbers in axial-flux PM BLDC motors with single-layer windings for electric vehicles. , 2016, , .		9
14	Magnet Defect and Rotor Eccentricity Modeling in Axial-Flux Permanent-Magnet Machines via 3-D Field Reconstruction Method. IEEE Transactions on Energy Conversion, 2016, 31, 486-495.	3.7	56
15	New axial flux PM less synchronous machine with concentrated DC field on stator. International Journal of Electrical Power and Energy Systems, 2015, 67, 651-658.	3.3	5
16	Three-dimensional finite-element-model investigation of axial-flux PM BLDC machines with similar pole and slot combination for electric vehicles. , 2015, , .		10
17	Optimal design and analysis simulation of an outer rotor hybrid excited generator for wind energy conversion systems. , 2015, , .		2
18	Three-Dimensional Field Reconstruction Method for Modeling Axial Flux Permanent Magnet Machines. IEEE Transactions on Energy Conversion, 2015, 30, 199-207.	3.7	28

#	Article	IF	Citations
19	Calculation of short circuit electromagnetic forces in Dryformer using finite element method. International Transactions on Electrical Energy Systems, 2015, 25, 433-453.	1.2	1
20	Efficiency optimization of an Axial Flux Permanent Magnet Synchronous Generator for low speed wind power applications. , 2014, , .		2
21	A novel approach for efficiency and power density optimization of an Axial Flux Permanent Magnet generator through genetic algorithm and finite element analysis. , 2014, , .		13
22	Propulsion Force Enhancement of Linear Switched Reluctance Motor. Recent Patents on Electrical and Electronic Engineering, 2013, 6, 128-137.	0.5	0
23	Investigation of surface scratched silicon steels in three-phase stacked model transformer cores. Journal of Magnetism and Magnetic Materials, 1992, 112, 409-412.	1.0	2