

Piotr Paplicki

List of Publications by Year in descending order

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32
docs citations

32
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Evaluation of an Axial Flux Machine with a Hybrid Excitation Design. <i>Energies</i> , 2022, 15, 2733.	3.1	2
2	Influence of geometry of iron poles on the cogging torque of a field control axial flux permanent magnet machine. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2022, 69, 179-188.	0.6	1
3	Modern Hybrid Excited Electric Machines. <i>Energies</i> , 2020, 13, 5910.	3.1	15
4	Energy Optimal Intelligent Switching Mechanism for Induction Motors with Time Varying Load. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 906, 012017.	0.6	2
5	GENERATOR TARCZOWY Z MAGNESAMI TRWAŁYMI Z ELEKTRYCZNIE KONTROLOWANYM WZBUDZENIEM. <i>Informatyka Automatyka Pomiary W Gospodarce I Ochronie Środowiska</i> , 2020, 10, 65-68.	0.4	1
6	Hybrid Excited Synchronous Machine with Wireless Supply Control System. <i>Energies</i> , 2019, 12, 3153.	3.1	14
7	Hybrid excited electric machine with axial flux bridges. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2019, 59, 703-711.	0.6	2
8	The Influence of Permanent Magnet Length and Magnet Type on Flux-control of Axial Flux Hybrid Excited Electrical Machine. , 2018, , .		6
9	Influence of Rotor Design on Field Regulation Capability of Hybrid Excited Electric Machines. , 2018, , .		1
10	Novel Concept of PM Electric Machine with Magnetic Barriers and Excitation Coils in the Rotor. , 2018, , .		1
11	Hybrid Excited Machine for Electric Vehicles Propulsion. , 2018, , .		1
12	A Hybrid Excited Machine with Flux Barriers and Magnetic Bridges. <i>Energies</i> , 2018, 11, 676.	3.1	20
13	Novel hybrid excited machine with flux barriers in rotor structure. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2018, 37, 1489-1499.	0.9	6
14	A novel rotor design for hybrid excited machine with multi-flux barriers. , 2018, , .		0
15	Research of IPM electrical machine with flux barriers. , 2017, , .		1
16	Multi-objective topology optimization of a permanent magnet machine to reduce electromagnetic losses and cogging torque. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2017, 53, S203-S212.	0.6	7
17	A novel rotor design for a hybrid excited synchronous machine. <i>Archives of Electrical Engineering</i> , 2017, 66, 29-40.	1.0	11
18	U-shape flux barriers and axial flux magnetic bridges in rotor of hybrid excited machine. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Influence of Magnet and Flux-Barrier Arrangement on Flux Control Characteristics of Hybrid Excited ECPMS-machine. Elektronika Ir Elektrotechnika, 2017, 23, .	0.8	6
20	Hybrid excited synchronous machine with flux control possibility. International Journal of Applied Electromagnetics and Mechanics, 2016, 52, 1615-1622.	0.6	23
21	Impact of rotor design on flux control capability of hybrid excited synchronous machine. , 2016, , .		2
22	Simplified reluctance equivalent circuit for hybrid excited ECPMS-machine modelling. , 2016, , .		3
23	Improved Control System of PM Machine with Extended Field Control Capability for EV Drive. Advances in Intelligent Systems and Computing, 2015, , 125-132.	0.6	5
24	Simulation and experimental results of hybrid electric machine with a novel flux control strategy. Archives of Electrical Engineering, 2015, 64, 37-51.	1.0	29
25	Design of Hybrid Excited Synchronous Machine for Electrical Vehicles. IEEE Transactions on Magnetics, 2015, 51, 1-6.	2.1	38
26	Unconventional control system of hybrid excited synchronous machine. , 2015, , .		15
27	Modified concept of axial-flux permanent magnet machine with field weakening capability. Archives of Electrical Engineering, 2014, 63, 177-185.	1.0	14
28	Low Cogging Torque Design of Permanent Magnet Machine Using Modified Multi-Level Set Method With Total Variation Regularization. IEEE Transactions on Magnetics, 2014, 50, 657-660.	2.1	41
29	Topology optimization of rotor poles in a permanent-magnet machine using level set method and continuum design sensitivity analysis. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2014, 33, 711-728.	0.9	23
30	Optimization of Electrically Controlled Permanent Magnet Synchronous Machine to Improve Flux Control Range. Elektronika Ir Elektrotechnika, 2014, 20, .	0.8	2
31	Design optimization of a permanent-magnet excited synchronous machine for electrical automobiles. International Journal of Applied Electromagnetics and Mechanics, 2012, 39, 889-895.	0.6	35
32	Minimization of cogging torque in permanent magnet machines using the topological gradient and adjoint sensitivity in multi-objective design. International Journal of Applied Electromagnetics and Mechanics, 2012, 39, 933-940.	0.6	22