

Marcin Wardach

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

259
citations

1163117

8
h-index

1058476

14
g-index

36
all docs

36
docs citations

36
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of Hybrid Excited Synchronous Machine for Electrical Vehicles. IEEE Transactions on Magnetics, 2015, 51, 1-6.	2.1	38
2	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
3	Hybrid excited synchronous machine with flux control possibility. International Journal of Applied Electromagnetics and Mechanics, 2016, 52, 1615-1622.	0.6	23
4	A Hybrid Excited Machine with Flux Barriers and Magnetic Bridges. Energies, 2018, 11, 676.	3.1	20
5	Unconventional control system of hybrid excited synchronous machine. , 2015, , .		15
6	Modern Hybrid Excited Electric Machines. Energies, 2020, 13, 5910.	3.1	15
7	Hybrid excited claw pole electric machine. , 2016, , .		14
8	Hybrid Excited Synchronous Machine with Wireless Supply Control System. Energies, 2019, 12, 3153.	3.1	14
9	Hybrid excited claw pole generator with skewed and non-skewed permanent magnets. Open Physics, 2017, 15, 902-906.	1.7	13
10	Nonlinear Digital Simulation Models of Switched Reluctance Motor Drive. Energies, 2020, 13, 6715.	3.1	9
11	The effects of rotating magnetic field and antiseptic on in vitro pathogenic biofilm and its milieu. Scientific Reports, 2022, 12, .	3.3	9
12	The Impact of Intraspecies Variability on Growth Rate and Cellular Metabolic Activity of Bacteria Exposed to Rotating Magnetic Field. Pathogens, 2021, 10, 1427.	2.8	8
13	Novel hybrid excited machine with flux barriers in rotor structure. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2018, 37, 1489-1499.	0.9	6
14	Modeling and Simulation of Electric Motors Using Lightweight Materials. Energies, 2022, 15, 5183.	3.1	6
15	The Effect of Rotating Magnetic Field on Susceptibility Profile of Methicillin-Resistant Staphylococcus aureus Strains Exposed to Activity of Different Groups of Antibiotics. International Journal of Molecular Sciences, 2021, 22, 11551.	4.1	5
16	Rotating Magnetic Field Increases β -Lactam Antibiotic Susceptibility of Methicillin-Resistant Staphylococcus aureus Strains. International Journal of Molecular Sciences, 2021, 22, 12397.	4.1	5
17	Design and Application of Electrical Machines. Energies, 2022, 15, 523.	3.1	4
18	Hybrid-Excited Permanent Magnet-Assisted Synchronous Reluctance Machine. Energies, 2022, 15, 2997.	3.1	4

#	ARTICLE	IF	CITATIONS
19	Regulatory and Enterotoxin Gene Expression and Enterotoxins Production in Staphylococcus aureus FRI913 Cultures Exposed to a Rotating Magnetic Field and trans-Anethole. International Journal of Molecular Sciences, 2022, 23, 6327.	4.1	4
20	Design of hybrid excited claw pole machine with laminated rotor structure. , 2018, , .		3
21	Impact of rotor design on flux control capability of hybrid excited synchronous machine. , 2016, , .		2
22	Hybrid excited electric machine with axial flux bridges. International Journal of Applied Electromagnetics and Mechanics, 2019, 59, 703-711.	0.6	2
23	Energy Optimal Intelligent Switching Mechanism for Induction Motors with Time Varying Load. IOP Conference Series: Materials Science and Engineering, 2020, 906, 012017.	0.6	2
24	Research of IPM electrical machine with flux barriers. , 2017, , .		1
25	Hybrid claw pole machine with skewed and non-skewed permanent magnets on rotor. , 2017, , .		1
26	U-shape flux barriers and axial flux magnetic bridges in rotor of hybrid excited machine. , 2017, , .		1
27	Influence of Rotor Design on Field Regulation Capability of Hybrid Excited Electric Machines. , 2018, , .		1
28	Novel Concept of PM Electric Machine with Magnetic Barriers and Excitation Coils in the Rotor. , 2018, , .		1
29	Torque and back-emf in hybrid excited claw pole generator. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2018, 37, 1342-1353.	0.9	1
30	Hybrid Excited Machine for Electric Vehicles Propulsion. , 2018, , .		1
31	GENERATOR TARCZOWY Z MAGNESAMI TRWAŁYMI Z ELEKTRYCZNIE KONTROLOWANYM WZBUDZENIEM. Informatyka Automatyka Pomiary W Gospodarce I Ochronie Środowiska, 2020, 10, 65-68.	0.4	1
32	Influence of geometry of iron poles on the cogging torque of a field control axial flux permanent magnet machine. International Journal of Applied Electromagnetics and Mechanics, 2022, 69, 179-188.	0.6	1
33	The Influence of Permanent Magnet Amount on No-load Parameters of Hybrid Excited Claw Pole Machine with Laminated Rotor. , 2018, , .		0
34	SIMULATION AND EXPERIMENTAL RESEARCH OF CLAW POLE MACHINE WITH A HYBRID EXCITATION AND LAMINATED ROTOR CORE. Informatyka Automatyka Pomiary W Gospodarce I Ochronie Środowiska, 2021, 11, 30-35.	0.4	0
35	Analiza jakości i zużycia energii elektrycznej w obiektach o nieliniowym charakterze. , 2015, 1, 14-17.	0.0	0
36	Wydział Elektryczny Zachodniopomorskiego Uniwersytetu Technologicznego w Szczecinie po 70 latach działalności. , 2017, 1, 85-89.	0.0	0