Marcin Wardach

List of Publications by Year
in descending order

36	259	1163117 8	1058476 14
papers	citations	h-index	g-index

36	36	36	131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design and Application of Electrical Machines. Energies, 2022, 15, 523.	3.1	4
2	Hybrid-Excited Permanent Magnet-Assisted Synchronous Reluctance Machine. Energies, 2022, 15, 2997.	3.1	4
3	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
4	The effects of rotating magnetic field and antiseptic on in vitro pathogenic biofilm and its milieu. Scientific Reports, 2022, 12, .	3.3	9
5	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
6	Modeling and Simulation of Electric Motors Using Lightweight Materials. Energies, 2022, 15, 5183.	3.1	6
7	SIMULATION AND EXPERIMENTAL RESEARCH OF CLAW POLE MACHINE WITH A HYBRID EXCITATION AND LAMINATED ROTOR CORE. Informatyka Automatyka Pomiary W Gospodarce I Ochronie Åšrodowiska, 2021, 11, 30-35.	0.4	0
8	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
9	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
10	Rotating Magnetic Field Increases Î²-Lactam Antibiotic Susceptibility of Methicillin-Resistant Staphylococcus aureus Strains. International Journal of Molecular Sciences, 2021, 22, 12397.	4.1	5
11	Modern Hybrid Excited Electric Machines. Energies, 2020, 13, 5910.	3.1	15
12	Nonlinear Digital Simulation Models of Switched Reluctance Motor Drive. Energies, 2020, 13, 6715.	3.1	9
13	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
14	GENERATOR TARCZOWY Z MAGNESAMI TRWAÅ¥MI Z ELEKTRYCZNIE KONTROLOWANYM WZBUDZENIEM. Informatyka Automatyka Pomiary W Gospodarce I Ochronie Åšrodowiska, 2020, 10, 65-68.	0.4	1
15	Hybrid Excited Synchronous Machine with Wireless Supply Control System. Energies, 2019, 12, 3153.	3.1	14
16	Hybrid excited electric machine with axial flux bridges. International Journal of Applied Electromagnetics and Mechanics, 2019, 59, 703-711.	0.6	2
17	Influence of Rotor Design on Field Regulation Capability of Hybrid Excited Electric Machines. , 2018, , .		1
18	Novel Concept of PM Electric Machine with Magnetic Barriers and Excitation Coils in the Rotor. , 2018, , .		1

#	Article	IF	Citations
19	The Influence of Permanent Magnet Amount on No-load Parameters of Hybrid Excited Claw Pole Machine with Laminated Rotor. , 2018, , .		0
20	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
21	Hybrid Excited Machine for Electric Vehicles Propulsion. , 2018, , .		1
22	A Hybrid Excited Machine with Flux Barriers and Magnetic Bridges. Energies, 2018, 11, 676.	3.1	20
23	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
24	Design of hybrid excited claw pole machine with laminated rotor structure. , 2018, , .		3
25	Research of IPM electrical machine with flux barriers. , 2017, , .		1
26	Hybrid claw pole machine with skewed and non-skewed permanent magnets on rotor. , 2017, , .		1
27	U-shape flux barriers and axial flux magnetic bridges in rotor of hybrid excited machine. , 2017, , .		1
28	Hybrid excited claw pole generator with skewed and non-skewed permanent magnets. Open Physics, 2017, 15, 902-906.	1.7	13
29	WydziaÅ, Elektryczny Zachodniopomorskiego Uniwersytetu Technologicznego w Szczecinie po 70 latach dziaÅ‚alnoÅ›ci. , 2017, 1, 85-89.	0.0	0
30	Hybrid excited synchronous machine with flux control possibility. International Journal of Applied Electromagnetics and Mechanics, 2016, 52, 1615-1622.	0.6	23
31	Impact of rotor design on flux control capability of hybrid excited synchronous machine. , 2016, , .		2
32	Hybrid excited claw pole electric machine. , 2016, , .		14
33	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
34	Design of Hybrid Excited Synchronous Machine for Electrical Vehicles. IEEE Transactions on Magnetics, 2015, 51, 1-6.	2.1	38
35	Unconventional control system of hybrid excited synchronous machine. , 2015, , .		15
36	Analiza jakoï¿½ci i zuï¿½ycia energii elektrycznej w obiektach o rï¿½nym charakterze. , 2015, 1, 14-17.	0.0	0