Flyur R Ismagilov

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/452208/publications.pdf

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24	124	2682572	2272923
papers	citations	2	4
		h-index	g-index

24	24	24	130
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multidisciplinary Design of Ultra-High-Speed Electrical Machines. IEEE Transactions on Energy Conversion, 2018, 33, 1203-1212.	5.2	56
2	Design and Performance of a High-Speed Permanent Magnet Generator with Amorphous Alloy Magnetic Core for Aerospace Applications. IEEE Transactions on Industrial Electronics, 2020, 67, 1750-1758.	7.9	29
3	Line-Start Permanent Magnet Synchronous Motor for Aerospace Application. , 2018, , .		10
4	Design Features of Liquid-Cooled Aviation Starter Generators. , 2018, , .		8
5	Research of Magnetic Fields in New Design of Homopolar Magnetic Bearing. , 2018, , .		4
6	The impact of amorphous steel on the increase of a transformer rectifier unit efficiency of an aircraft. , 2017, , .		3
7	Design of an electric generator for an aircraft with a hybrid power system. , 2019, , .		3
8	HIGH-SPEED ELECTRICAL MACHINE WITH RADIAL MAGNETIC FLUX AND STATOR CORE MADE OF AMORPHOUS MAGNETIC MATERIAL. TECHNOLOGIES, TRENDS AND PERSPECTIVE OF DEVELOPMENT. Progress in Electromagnetics Research C, 2018, 86, 69-82.	0.9	2
9	Experimental Study of a Transformer-Rectifier Unit with a Hybrid Magnetic Core. , 2018, , .		2
10	High-Efficiency Transformer-Rectifier Unit: Design and Experimental Studies. , 2019, , .		2
11	Genetic Algorithms for Electrical Machine Optimal Design. , 2018, , .		1
12	Optimal design of electric machines by using genetic algorithms: mathematical apparatus to determine machine parameters. , 2019, , .		1
13	Reliability Oriented Design of High-Speed Multi-phase Electric Generator for the Aerospace Application. Springer Briefs in Electrical and Computer Engineering, 2020, , 49-72.	0.5	1
14	Electric Machines Development Process for Aviation Hybrid Propulsion Systems. , 2020, , .		1
15	System Approach to Electric Machines Development for Aviation Hybrid Propulsion Systems Under Economic Crisis. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 3768-3781.	4.7	1
16	Rotor Magnetic Systems of the Permanent-Magnet Starter-Generator for Vehicles with a Hybrid Power Plant. , 2018, , .		0
17	Topology Selection of a High-Speed Synchronous Electrical Machines For Unmanned Aerial Vehicles. , 2018, , .		0
18	Synchronous Electric Machines with Tooth-Coil Winding and Magnetic Flow Barrier. , 2018, , .		0

#	Article	IF	Citations
19	Improving the quality of designing electromechanical energy converters for aircrafts by using a system-analytical modeling with the application of intelligent information technologies. , 2019, , .		0
20	Design of 150-kVA 24,000-rpm High-Speed Permanent-Magnet Generator for More Electric Aircrafts. , 2019, , .		0
21	The Six-Phase Fault Tolerant Synchronous Generator with Permanent Magnets for Aircraft Application. , 2020, , .		0
22	Design Aspects of a High-Speed Electric Machine Series. , 2020, , .		0
23	Design of the â€œintegrated into an aircraft engine starter-generator â€“ dual-flow turbojet engineâ€• system as a part of the electrified aircraft engine concept creation. , 2020, , .		0
24	Design Method of Aircraft Electric Machines for Hybrid Propulsion Systems. , 2020, , .		0