

Flyur R Ismagilov

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

124
citations

2682572

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2272923

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24
all docs

24
docs citations

24
times ranked

130
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | 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 |
| 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 | 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 |
| 4 | Electric Machines Development Process for Aviation Hybrid Propulsion Systems. , 2020, , . | | 1 |
| 5 | The Six-Phase Fault Tolerant Synchronous Generator with Permanent Magnets for Aircraft Application. , 2020, , . | | 0 |
| 6 | Design Aspects of a High-Speed Electric Machine Series. , 2020, , . | | 0 |
| 7 | Design of the "integrated into an aircraft engine starter-generator" dual-flow turbojet engine system as a part of the electrified aircraft engine concept creation. , 2020, , . | | 0 |
| 8 | Design Method of Aircraft Electric Machines for Hybrid Propulsion Systems. , 2020, , . | | 0 |
| 9 | Design of an electric generator for an aircraft with a hybrid power system. , 2019, , . | | 3 |
| 10 | High-Efficiency Transformer-Rectifier Unit: Design and Experimental Studies. , 2019, , . | | 2 |
| 11 | Optimal design of electric machines by using genetic algorithms: mathematical apparatus to determine machine parameters. , 2019, , . | | 1 |
| 12 | 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 |
| 13 | Design of 150-kVA 24,000-rpm High-Speed Permanent-Magnet Generator for More Electric Aircrafts. , 2019, , . | | 0 |
| 14 | Multidisciplinary Design of Ultra-High-Speed Electrical Machines. IEEE Transactions on Energy Conversion, 2018, 33, 1203-1212. | 5.2 | 56 |
| 15 | Design Features of Liquid-Cooled Aviation Starter Generators. , 2018, , . | | 8 |
| 16 | Rotor Magnetic Systems of the Permanent-Magnet Starter-Generator for Vehicles with a Hybrid Power Plant. , 2018, , . | | 0 |
| 17 | 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 |
| 18 | Line-Start Permanent Magnet Synchronous Motor for Aerospace Application. , 2018, , . | | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------|----|-----------|
| 19 | Topology Selection of a High-Speed Synchronous Electrical Machines For Unmanned Aerial Vehicles. , 2018, , . | | 0 |
| 20 | Experimental Study of a Transformer-Rectifier Unit with a Hybrid Magnetic Core. , 2018, , . | | 2 |
| 21 | Genetic Algorithms for Electrical Machine Optimal Design. , 2018, , . | | 1 |
| 22 | Research of Magnetic Fields in New Design of Homopolar Magnetic Bearing. , 2018, , . | | 4 |
| 23 | Synchronous Electric Machines with Tooth-Coil Winding and Magnetic Flow Barrier. , 2018, , . | | 0 |
| 24 | The impact of amorphous steel on the increase of a transformer rectifier unit efficiency of an aircraft. , 2017, , . | | 3 |