

Liwei Shi

List of Publications by Year in descending order

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19
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citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical Model of Air-Gap Field in Hybrid Excitation and Interior Permanent Magnet Machine for Electric Logistics Vehicles. IEEE Access, 2020, 8, 148237-148249.	4.2	14
2	Analysis of Magnetic Field and Electromagnetic Performance of a New Hybrid Excitation Synchronous Motor with dual-V type Magnets. Energies, 2020, 13, 1501.	3.1	13
3	Development of Brushless Claw Pole Electrical Excitation and Combined Permanent Magnet Hybrid Excitation Generator for Vehicles. Energies, 2020, 13, 4723.	3.1	10
4	Optimization Analysis of Automotive Asymmetric Magnetic Pole Permanent Magnet Motor by Taguchi Method. International Journal of Rotating Machinery, 2021, 2021, 1-9.	0.8	9
5	Armature Reaction Analysis of a New Four-Phase Fault-Tolerant Doubly Salient Wound-Field Generator. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	8
6	Design, optimization, and study of a rare-earth permanent magnet generator with new consequent-pole rotor for extended-range electric vehicle. IEEE Transactions on Electrical and Electronic Engineering, 2019, 14, 917-923.	1.4	7
7	Design and stability analysis of Nd-Fe-B permanent magnet generator for electric vehicle range extender. International Journal of Electric and Hybrid Vehicles, 2011, 3, 259.	0.3	5
8	Topology Comparison Study of Five-Phase Wound-Field Doubly Salient Fault Tolerant Generators. Applied Sciences (Switzerland), 2019, 9, 2112.	2.5	5
9	Performance analysis of asymmetrical less-rare-earth permanent magnet motor for electric vehicle. IET Electrical Systems in Transportation, 2022, 12, 36-48.	2.4	5
10	Optimization Design of a New Type of Interior Permanent Magnet Generator for Electric Vehicle Range Extender. Journal of Electrical and Computer Engineering, 2019, 2019, 1-10.	0.9	4
11	Development of automobile 42V permanent magnet generator and its regulator. , 2010, , .		1
12	Development of an automotive 42 V flywheel centrifugal permanent magnet generator and research on regulator control technology. International Journal of Electric and Hybrid Vehicles, 2013, 5, 270.	0.3	1
13	Rectifier Fault Diagnosis and Fault Tolerance of a Doubly Fed Brushless Starter Generator. Journal of Sensors, 2015, 2015, 1-9.	1.1	1
14	Open-Circuit Fault-Tolerant Characteristics of a New Four-Phase Doubly Salient Electro-Magnetic Generator. Sustainability, 2018, 10, 4136.	3.2	1
15	Analysis of Influence of Stator and Rotor Pole Shape on Electromagnetic Performance of Flux Switching Motor With Segmental Rotor. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	1
16	Automobile Permanent Magnet Generating Set and Its Test. , 2009, , .		0
17	Development of 42V Automobile Brushless Alternator with Combined Stator. , 2010, , .		0
18	Phase Open Fault Tolerant Control of High Reliability Doubly-Salient Wound-Field Machine. Telkomnika (Telecommunication Computing Electronics and Control), 2014, 12, 325.	0.8	0

#	ARTICLE	IF	CITATIONS
19	Characteristic Analysis and Comparison of 12/8 Flux Switching Motors with Different Segmental Rotor Structures. , 2020, , .		0