

Gang Li

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

167
citations

1307594

7
h-index

1199594

12
g-index

27
all docs

27
docs citations

27
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between two adjacent grounded sources in frequency domain semi-airborne electromagnetic survey. <i>Review of Scientific Instruments</i> , 2016, 87, 034503.	1.3	26
2	Simulation of second-order RC equivalent circuit model of lithium battery based on variable resistance and capacitance. <i>Journal of Central South University</i> , 2020, 27, 2606-2613.	3.0	25
3	Fault diagnosis of modular multilevel converter based on adaptive chirp mode decomposition and temporal convolutional network. <i>Engineering Applications of Artificial Intelligence</i> , 2022, 107, 104544.	8.1	17
4	Feasibility of signal enhancement with multiple grounded-wire sources for a frequency-domain electromagnetic survey. <i>Geophysical Prospecting</i> , 2018, 66, 818-832.	1.9	16
5	RB-IGBT gate drive circuit and its application in two-stage matrix converter. <i>IEEE Applied Power Electronics Conference and Exposition</i> , 2008, , .	0.0	10
6	Research and Design of a Transmission System for Time-Frequency-Domain Electromagnetic Method. <i>IEEE Access</i> , 2019, 7, 153999-154007.	4.2	8
7	Design of Shallow Surface Electromagnetic Detection Transmitting Scheme Based on Three-Frequency Resonance. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-9.	4.7	8
8	A Multiarray Electromagnetic Instrument for Shallow Surface Real-Time Detection. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-9.	4.7	8
9	Loss Analysis and Air-Cooled Design for a Cascaded Electrical Source Transmitter. <i>Journal of Power Electronics</i> , 2015, 15, 530-543.	1.5	7
10	3D Numerical Modeling of Induced-Polarization Grounded Electrical-Source Airborne Transient Electromagnetic Response Based on the Fictitious Wave Field Methods. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1027.	2.5	6
11	Guest editorial: Impact of artificial intelligence on business strategy in emerging markets: a conceptual framework and future research directions. <i>International Journal of Emerging Markets</i> , 2022, 17, 917-929.	2.2	6
12	Parameters Extraction Method for Solar Photovoltaic Module. , 2018, , .		5
13	A Real-Time Data Processing Method Based on Orthogonal Phase-Locked Amplification and Its Application in Frequency Domain Semi-Airborne Electromagnetic Detection. <i>IEEE Transactions on Electrical and Electronic Engineering</i> , 2020, 15, 1160-1168.	1.4	4
14	Realization of SVM Algorithm for Indirect Matrix Converter and Its Application in Power Factor Control. <i>Advances in Power Electronics</i> , 2015, 2015, 1-10.	0.8	3
15	Dynamic response analysis of buck driver for LED based on second-order model. <i>Electronics Letters</i> , 2016, 52, 2005-2007.	1.0	3
16	Analysis of errors in model parameters for photovoltaic panel. <i>Australian Journal of Electrical and Electronics Engineering</i> , 2019, 16, 281-288.	1.2	3
17	High-Frequency Bipolar Pulse Power Supply Based on Improved Marx Generator for Medical Applications. , 2020, , .		3
18	High performance vector control of IPMSM drive fed by indirect matrix converter. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
19	Control of three phases — Single phase matrix converter for transient electromagnetic sounding. , 2014, , .		2
20	Control of two-stage matrix converter under unbalanced source voltages. , 2016, , .		2
21	Dual-input DC/DC converter for photovoltaic system with reverse charging. , 2017, , .		2
22	Design of ultra-wideband folded antenna for ground penetrating radar. , 2020, , .		1
23	A Novel Three-Phase to Single-Phase Matrix Converter-Based Transient Electromagnetic Transmitter. Journal of Control, Automation and Electrical Systems, 2017, 28, 635-643.	2.0	0
24	Analysis and Control of the Indirect Matrix Converter Fed Permanent Magnet Synchronous Motor Drive System Using One Current Sensor. Recent Advances in Electrical and Electronic Engineering, 2017, 9, 194-201.	0.3	0
25	A Novel Transmitting System for Electromagnetic Sounding Based on Tri-state Boost Converter. Recent Advances in Electrical and Electronic Engineering, 2019, 12, 494-499.	0.3	0
26	Input Power Factor Control of Matrix Converter Based Transmitter for Transient Electromagnetic Sounding. , 2020, , .		0