

Guang-Di Hu

List of Publications by Year in descending order

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17
papers

482
citations

840776

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996975

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17
docs citations

17
times ranked

640
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of a Fatigue Detection System for High-Speed Trains Based on Driver Vigilance Using a Wireless Wearable EEG. <i>Sensors</i> , 2017, 17, 486.	3.8	108
2	H_{∞} -Based Nonlinear Observer Design for State of Charge Estimation of Lithium-Ion Battery With Polynomial Parameters. <i>IEEE Transactions on Vehicular Technology</i> , 2017, 66, 10853-10865.	6.3	61
3	State of Charge Estimation for Lithium-Ion Battery Based on Nonlinear Observer: An H ∞ Method. <i>Energies</i> , 2017, 10, 679.	3.1	54
4	A Comprehensive Analysis and Modeling of the Self-Powered Synchronous Switching Harvesting Circuit With Electronic Breakers. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 3899-3909.	7.9	51
5	A Low-Cost Lateral Active Suspension System of the High-Speed Train for Ride Quality Based on the Resonant Control Method. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 4187-4196.	7.9	39
6	Bandwidth increasing mechanism by introducing a curve fixture to the cantilever generator. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	38
7	Synchronous extraction circuit with self-adaptive peak-detection mechanical switches design for piezoelectric energy harvesting. <i>Applied Energy</i> , 2018, 230, 1292-1303.	10.1	30
8	State of charge estimation in electric vehicles at various ambient temperatures. <i>International Journal of Energy Research</i> , 2020, 44, 7357-7370.	4.5	23
9	Reinforcement Learning Enabled Dynamic Resource Allocation in the Internet of Vehicles. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 4957-4967.	11.3	23
10	Comparative Case Study on the Self-Powered Synchronous Switching Harvesting Circuits With BJT or MOSFET Switches. <i>IEEE Transactions on Power Electronics</i> , 2018, 33, 9506-9519.	7.9	17
11	The equivalent circuit battery model parameter sensitivity analysis for lithium-ion batteries by Monte Carlo simulation. <i>International Journal of Energy Research</i> , 2019, 43, 9013-9024.	4.5	12
12	A Novel Multi-Sensor Environmental Perception Method Using Low-Rank Representation and a Particle Filter for Vehicle Reversing Safety. <i>Sensors</i> , 2016, 16, 848.	3.8	10
13	Self-adaptive memory foam switches for piezoelectric synchronous harvesting circuits. <i>Smart Materials and Structures</i> , 2018, 27, 117003.	3.5	8
14	Iterative Learning Control for Linear Discrete-Time Systems with Unknown High-Order Internal Models: A Time-Frequency Analysis Approach. <i>Asian Journal of Control</i> , 2018, 20, 370-385.	3.0	5
15	An improved switching control law for the optimized synchronous electric charge extraction circuit. <i>Journal of Physics: Conference Series</i> , 2015, 660, 012097.	0.4	1
16	Model-based urea injection control strategy and ammonia storage estimation for diesel engine SCR system. , 2015, , .		1
17	Iterative learning control for linear discrete-time systems with iteration-varying initial state and packet loss. , 2016, , .		1