

# Guang-Di Hu

## List of Publications by Year in descending order

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17  
papers

482  
citations

840776

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h-index

996975

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g-index

17  
all docs

17  
docs citations

17  
times ranked

640  
citing authors

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