

Kai Hu

List of Publications by Year in descending order

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12
papers

115
citations

1937685

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1372567

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145
citing authors

#	ARTICLE	IF	CITATIONS
1	A Facile, One-Step Synthesis of Silicon/Silicon Carbide/Carbon Nanotube Nanocomposite as a Cycling-Stable Anode for Lithium Ion Batteries. <i>Nanomaterials</i> , 2019, 9, 1624.	4.1	39
2	Covalent Bonding of Si Nanoparticles on Graphite Nanosheets as Anodes for Lithium-Ion Batteries Using Diazonium Chemistry. <i>Nanomaterials</i> , 2019, 9, 1741.	4.1	20
3	Toward heat-tolerant potassium batteries based on pyrolyzed selenium disulfide/polyacrylonitrile positive electrode and gel polymer electrolyte. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4544-4551.	10.3	19
4	Co ₃ O ₄ @NiCo ₂ O ₄ double-shelled nanocages with hierarchical hollow structure and oxygen vacancies as efficient bifunctional electrocatalysts for rechargeable Zn-air batteries. <i>Dalton Transactions</i> , 2021, 50, 2093-2101.	3.3	16
5	A three-dimensional interconnected nitrogen-doped graphene-like porous carbon-modified separator for high-performance Li-S batteries. <i>Sustainable Energy and Fuels</i> , 2020, 4, 4264-4272.	4.9	4
6	A new evaluation and prediction model of sound quality of high-speed permanent magnet motor based on genetic algorithm-radial basis function artificial neural network. <i>Science Progress</i> , 2021, 104, 003685042110311.	1.9	4
7	Design and simulation for driving system and steering system of hydraulic chassis of rice transplanter. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401880890.	1.6	3
8	Analysis and design of electromagnetic vibration and noise reduction method of permanent magnet motor. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2022, 41, 359-373.	2.9	3
9	Analysis and design of auto-adaptive leveling hydraulic suspension for agricultural robot. <i>International Journal of Advanced Robotic Systems</i> , 2021, 18, 172988142110406.	2.1	3
10	Analysis and optimization of temperature field of high-speed permanent magnet motor. <i>Advances in Mechanical Engineering</i> , 2022, 14, 168781322210959.	1.6	3
11	Design and experiment of multi-mode steering system of agricultural machinery for hilly and mountainous area. <i>Advances in Mechanical Engineering</i> , 2021, 13, 168781402110348.	1.6	1
12	Position Control Algorithm of Fuzzy Adaptive PID of Hydraulic Interconnected Suspension Under Load Impact Disturbance. <i>IEEE Access</i> , 2022, 10, 39665-39673.	4.2	0