

Kai Hu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

115
citations

1937685

4
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

145
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Analysis and optimization of temperature field of high-speed permanent magnet motor. <i>Advances in Mechanical Engineering</i> , 2022, 14, 168781322210959. | 1.6 | 3 |
| 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 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |