

Xiao-Yu Yan

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	CHAIN: unlocking informatics-aided design of Li metal anode from materials to applications. Rare Metals, 2022, 41, 1477-1489.	7.1	42
2	Recent development and progress of structural energy devices. Chinese Chemical Letters, 2022, 33, 1817-1830.	9.0	29
3	An Authentication and Secure Communication Scheme for In-Vehicle Networks Based on SOME/IP. Sensors, 2022, 22, 647.	3.8	16
4	Non-aqueous Al-ion batteries: cathode materials and corresponding underlying ion storage mechanisms. Rare Metals, 2022, 41, 762-774.	7.1	14
5	A light-weight SAR system for multi-rotor UAV platform using LFM quasi-CW waveform. , 2016, , .		7
6	An Innovative State-of-charge Estimation Method of Lithium-ion Battery Based on 5th-order Cubature Kalman Filter. Automotive Innovation, 2021, 4, 448.	5.1	6
7	A particle filter for ammonia coverage ratio and input simultaneous estimations in Diesel-engine SCR system. PLoS ONE, 2018, 13, e0192217.	2.5	5
8	Analytical Approximation Model for Quadratic Phase Error Introduced by Orbit Determination Errors in Real-Time Spaceborne SAR Imaging. Remote Sensing, 2019, 11, 1663.	4.0	5
9	Segmental Track Analysis in Dynamic Wireless Power Transfer. Energies, 2019, 12, 3875.	3.1	4
10	Monte Carlo Analysis of Orbital Station Motion Parameter Errors Influence on Sar Azimuth Resolution Degradation. , 2018, , .		2
11	Control Strategy for Vehicle Inductive Wireless Charging Based on Load Adaptive and Frequency Adjustment. Energies, 2018, 11, 1222.	3.1	2
12	Doppler Parameter Estimation Model Using Onboard Orbit Determination and Inter-satellite Distance Measurement for Spaceborne Bistatic SAR Real-time Imaging. , 2019, , .		2
13	Analysis of Quadratic Phase Error Introduced by Orbit Determination in Spaceborne Trinodal Pendulum Sar Formation Real-Time Imaging with Monte Carlo Simulation. , 2019, , .		0
14	A Bistatic Analytical Approximation Model for Doppler Rate Estimation Error from Real-Time Spaceborne SAR Onboard Orbit Determination Data. Remote Sensing, 2020, 12, 3156.	4.0	0
15	Implementation of Equilibrium Strategy Aiming at Throughput Maximization of Series Battery Pack. World Electric Vehicle Journal, 2021, 12, 208.	3.0	0