

Paul Luyuan Wang

List of Publications by Year in descending order

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19
papers

3,453
citations

567281

15
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

4446
citing authors

#	ARTICLE	IF	CITATIONS
1	Boosting the lithium and sodium storage performance of graphene-based composite via pore engineering and surface protection. <i>Nanotechnology</i> , 2021, 32, 105402.	2.6	2
2	Hybrid Organic-Inorganic Materials and Composites for Photoelectrochemical Water Splitting. <i>ACS Energy Letters</i> , 2020, 5, 1487-1497.	17.4	104
3	An Investigation on the Relationship between the Stability of Lithium Anode and Lithium Nitrate in Electrolyte. <i>Journal of the Electrochemical Society</i> , 2019, 166, A3570-A3574.	2.9	5
4	Defect Engineering in Two Common Types of Dielectric Materials for Electromagnetic Absorption Applications. <i>Advanced Functional Materials</i> , 2019, 29, 1901236.	14.9	469
5	Biomass-Derived Porous Carbon-Based Nanostructures for Microwave Absorption. <i>Nano-Micro Letters</i> , 2019, 11, 24.	27.0	421
6	Understanding Fundamentals and Reaction Mechanisms of Electrode Materials for Na-Ion Batteries. <i>Small</i> , 2018, 14, e1703338.	10.0	86
7	A Voltage-Boosting Strategy Enabling a Low-Frequency, Flexible Electromagnetic Wave Absorption Device. <i>Advanced Materials</i> , 2018, 30, e1706343.	21.0	691
8	Insights into the synergistic effect of ammonium and phosphate-containing additives for a thermally stable vanadium redox flow battery electrolyte. <i>Journal of Power Sources</i> , 2018, 402, 75-81.	7.8	16
9	Novel Preparation of N-Doped SnO ₂ Nanoparticles via Laser-Assisted Pyrolysis: Demonstration of Exceptional Lithium Storage Properties. <i>Advanced Materials</i> , 2017, 29, 1603286.	21.0	132
10	A Review on Design Strategies for Carbon Based Metal Oxides and Sulfides Nanocomposites for High Performance Li and Na Ion Battery Anodes. <i>Advanced Energy Materials</i> , 2017, 7, 1601424.	19.5	486
11	A brief introduction to the fabrication and synthesis of graphene based composites for the realization of electromagnetic absorbing materials. <i>Journal of Materials Chemistry C</i> , 2017, 5, 491-512.	5.5	305
12	Evaluation of electrochemical performances of ZnFe ₂ O ₄ /Fe ₂ O ₃ nanoparticles prepared by laser pyrolysis. <i>New Journal of Chemistry</i> , 2017, 41, 9236-9243.	2.8	16
13	Encapsulating porous SnO ₂ into a hybrid nanocarbon matrix for long lifetime Li storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 25609-25617.	10.3	57
14	Laser Pyrolysed N-Doped SnOx Nanoparticles with Enhanced Conductivity and Stability As Anode in Li-Ion Batteries. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
15	Reserving Interior Void Space for Volume Change Accommodation: An Example of Cable-Like MWNTs@SnO ₂ @C Composite for Superior Lithium and Sodium Storage. <i>Advanced Science</i> , 2015, 2, 1500097.	11.2	69
16	Polycrystalline zinc stannate as an anode material for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14033-14038.	10.3	53
17	Recent developments in electrode materials for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9353-9378.	10.3	413
18	FeOOH: An Earth-Abundant High-Capacity Negative Electrode Material for Sodium-Ion Batteries. <i>Chemistry of Materials</i> , 2015, 27, 5340-5348.	6.7	57

#	ARTICLE	IF	CITATIONS
19	High-performance hybrid electrochemical capacitor with binder-free Nb ₂ O ₅ @graphene. RSC Advances, 2014, 4, 37389.	3.6	71