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	A Voltageâ€Boosting Strategy Enabling a Lowâ€Frequency, Flexible Electromagnetic Wave Absorption Device. Advanced Materials, 2018, 30, e1706343.	21.0	691
2	A Review on Design Strategies for Carbon Based Metal Oxides and Sulfides Nanocomposites for High Performance Li and Na Ion Battery Anodes. Advanced Energy Materials, 2017, 7, 1601424.	19.5	486
3	Defect Engineering in Two Common Types of Dielectric Materials for Electromagnetic Absorption Applications. Advanced Functional Materials, 2019, 29, 1901236.	14.9	469
4	Biomass-Derived Porous Carbon-Based Nanostructures for Microwave Absorption. Nano-Micro Letters, 2019, 11, 24.	27.0	421
5	Recent developments in electrode materials for sodium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 9353-9378.	10.3	413
6	A brief introduction to the fabrication and synthesis of graphene based composites for the realization of electromagnetic absorbing materials. Journal of Materials Chemistry C, 2017, 5, 491-512.	5.5	305
7	Novel Preparation of Nâ€Doped SnO₂ Nanoparticles via Laserâ€Assisted Pyrolysis: Demonstration of Exceptional Lithium Storage Properties. Advanced Materials, 2017, 29, 1603286.	21.0	132
8	Hybrid Organicâ€“Inorganic Materials and Composites for Photoelectrochemical Water Splitting. ACS Energy Letters, 2020, 5, 1487-1497.	17.4	104
9	Understanding Fundamentals and Reaction Mechanisms of Electrode Materials for Naâ€Ion Batteries. Small, 2018, 14, e1703338.	10.0	86
10	High-performance hybrid electrochemical capacitor with binder-free Nb₂O₅@graphene. RSC Advances, 2014, 4, 37389.	3.6	71
11	Reserving Interior Void Space for Volume Change Accommodation: An Example of Cableâ€Like MWNTs@SnO₂@C Composite for Superior Lithium and Sodium Storage. Advanced Science, 2015, 2, 1500097.	11.2	69
12	Î²-FeOOH: An Earth-Abundant High-Capacity Negative Electrode Material for Sodium-Ion Batteries. Chemistry of Materials, 2015, 27, 5340-5348.	6.7	57
13	Encapsulating porous SnO₂into a hybrid nanocarbon matrix for long lifetime Li storage. Journal of Materials Chemistry A, 2017, 5, 25609-25617.	10.3	57
14	Polycrystalline zinc stannate as an anode material for sodium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 14033-14038.	10.3	53
15	Evaluation of electrochemical performances of ZnFe₂O₄/Î³-Fe₂O₃nanoparticles prepared by laser pyrolysis. New Journal of Chemistry, 2017, 41, 9236-9243.	2.8	16
16	Insights into the synergistic effect of ammonium and phosphate-containing additives for a thermally stable vanadium redox flow battery electrolyte. Journal of Power Sources, 2018, 402, 75-81.	7.8	16
17	An Investigation on the Relationship between the Stability of Lithium Anode and Lithium Nitrate in Electrolyte. Journal of the Electrochemical Society, 2019, 166, A3570-A3574.	2.9	5
18	Boosting the lithium and sodium storage performance of graphene-based composite via pore engineering and surface protection. Nanotechnology, 2021, 32, 105402.	2.6	2

#	Article	IF	Citations
19	Laser Pyrolysed N-Doped SnOx Nanoparticles with Enhanced Conductivity and Stability As Anode in Li-Ion Batteries. ECS Meeting Abstracts, 2016, , .	0.0	0