Xuetao Shen

List of Publications by Year
in descending order

23 papers	859 citations	686830 13 h-index	642321 23 g-index
23 all docs	23 docs citations	23 times ranked	1666 citing authors

#	Article	IF	Citations
1	1T MoS₂ growth from exfoliated MoS₂ nucleation as high rate anode for sodium storage. Nanotechnology, 2022, 33, 025602.	1.3	3
2	Nanostructured transition-metal phthalocyanine complexes for catalytic oxygen reduction reaction. Nanotechnology, 2022, 33, 182001.	1.3	7
3	New insight into the ablation behavior of C/C-ZrC composites in a nitrogen plasma torch with a high heat flux of â^¼425 MW/m2. Corrosion Science, 2021, 185, 109409.	3.0	12
4	Hierarchically urchin-like hollow NiCo2S4 prepared by a facile template-free method for high-performance supercapacitors. Journal of Colloid and Interface Science, 2021, 604, 292-300.	5.0	43
5	Study of the ablation of a carbon/carbon composite at â^¼425 MW/m2 with a nitrogen plasma torch. Journal of the European Ceramic Society, 2020, 40, 5085-5093.	2.8	10
6	Effect of yttrium carbide on ablation behavior of zirconium carbide modified carbon/carbon composites. Corrosion Science, 2020, 170, 108675.	3.0	10
7	Tailoring MoS₂ Ultrathin Sheets Anchored on Graphene Flexible Supports for Superstable Lithiumâ€Ion Battery Anodes. Particle and Particle Systems Characterization, 2019, 36, 1900197.	1.2	7
8	MoO₃/Carbon Dots Composites for Liâ€Ion Battery Anodes. ChemNanoMat, 2019, 5, 921-925.	1.5	25
9	Bundled Defectâ€Rich MoS₂ for a Highâ€Rate and Longâ€Life Sodiumâ€Ion Battery: Achieving 3D Diffusion of Sodium Ion by Vacancies to Improve Kinetics. Small, 2019, 15, e1805405.	5.2	154
10	Cobalt tetrapyridinoporphyrazine nanoparticulates anchored on carbon nanotubes for long-voltage Li/SOCl2 batteries. Electrochimica Acta, 2019, 295, 569-576.	2.6	9
11	Highly Efficient Au Nanocatalysts for Heterogeneous Continuous-Flow Reactions Using Hollow CeO₂ Microspheres as a Functional Skeleton. Industrial & Engineering Chemistry Research, 2018, 57, 3575-3582.	1.8	4
12	Adsorption contributions of graphene to sodium ion storage performance. Journal Physics D: Applied Physics, 2018, 51, 205501.	1.3	11
13	Rate Behavior of MoO₂/Graphene Oxide Lithium-Ion Battery Anodes from Electrochemical Contributions. Journal of the Electrochemical Society, 2018, 165, A439-A447.	1.3	28
14	Synthesis of Grainâ€like MoS₂ for Highâ€Performance Sodiumâ€Ion Batteries. ChemSusChem, 2018, 11, 2130-2137.	3.6	42
15	Tulip-like MoS₂ with a single sheet tapered structure anchored on N-doped graphene substrates via Câ€“Oâ€“Mo bonds for superior sodium storage. Journal of Materials Chemistry A, 2018, 6, 24433-24440.	5.2	48
16	Network Carbon with Macropores from Apple Pomace for Stable and High Areal Capacity of Sodium Storage. ACS Sustainable Chemistry and Engineering, 2018, 6, 14751-14758.	3.2	32
17	Elemental Sulfur Nanoparticles Chemically Boost the Sodium Storage Performance of MoS₂/rGO Anodes. Batteries and Supercaps, 2018, 1, 184-191.	2.4	10
18	Mullite whisker toughened mullite coating to enhance the thermal shock resistance of SiC pre-coated carbon/carbon composites. Ceramics International, 2017, 43, 16512-16517.	2.3	22

#	Article	IF	Citations
19	Synthesis of Structurally Stable 3D MoS₂ Architectures as High Performance Lithiumâ€Ion Battery Anodes. Particle and Particle Systems Characterization, 2016, 33, 311-315.	1.2	14
20	3D graphene/nylon rope as a skeleton for noble metal nanocatalysts for highly efficient heterogeneous continuous-flow reactions. Journal of Materials Chemistry A, 2015, 3, 10504-10511.	5.2	35
21	Hollow Fluffy Co₃O₄ Cages as Efficient Electroactive Materials for Supercapacitors and Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2015, 7, 20322-20331.	4.0	163
22	Strong enhancement of phonon scattering through nanoscale grains in lead sulfide thermoelectrics. NPG Asia Materials, 2014, 6, e108-e108.	3.8	140
23	Influence of Cr content on the microstructure and anti-oxidation property of MoSi2â€“CrSi2â€“Si multi-composition coating for SiC coated carbon/carbon composites. Journal of Alloys and Compounds, 2010, 501, L20-L24.	2.8	30