

Xuetao Shen

List of Publications by Year in descending order

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23
papers

859
citations

687363

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docs citations

23
times ranked

1666
citing authors

#	ARTICLE	IF	CITATIONS
1	Hollow Fluffy Co ₃ O ₄ Cages as Efficient Electroactive Materials for Supercapacitors and Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2015, 7, 20322-20331.	8.0	163
2	Bundled Defect-Rich MoS ₂ for a High-Rate and Long-Life Sodium-Ion Battery: Achieving 3D Diffusion of Sodium Ion by Vacancies to Improve Kinetics. Small, 2019, 15, e1805405.	10.0	154
3	Strong enhancement of phonon scattering through nanoscale grains in lead sulfide thermoelectrics. NPG Asia Materials, 2014, 6, e108-e108.	7.9	140
4	Tulip-like MoS ₂ with a single sheet tapered structure anchored on N-doped graphene substrates via C-Mo bonds for superior sodium storage. Journal of Materials Chemistry A, 2018, 6, 24433-24440.	10.3	48
5	Hierarchically urchin-like hollow NiCo ₂ S ₄ prepared by a facile template-free method for high-performance supercapacitors. Journal of Colloid and Interface Science, 2021, 604, 292-300.	9.4	43
6	Synthesis of Grain-like MoS ₂ for High-Performance Sodium-Ion Batteries. ChemSusChem, 2018, 11, 2130-2137.	6.8	42
7	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.	10.3	35
8	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.	6.7	32
9	Influence of Cr content on the microstructure and anti-oxidation property of MoSi ₂ -CrSi ₂ -Si multi-composition coating for SiC coated carbon/carbon composites. Journal of Alloys and Compounds, 2010, 501, L20-L24.	5.5	30
10	Rate Behavior of MoO ₃ /Graphene Oxide Lithium-Ion Battery Anodes from Electrochemical Contributions. Journal of the Electrochemical Society, 2018, 165, A439-A447.	2.9	28
11	MoO ₃ /Carbon Dots Composites for Li-Ion Battery Anodes. ChemNanoMat, 2019, 5, 921-925.	2.8	25
12	Mullite whisker toughened mullite coating to enhance the thermal shock resistance of SiC pre-coated carbon/carbon composites. Ceramics International, 2017, 43, 16512-16517.	4.8	22
13	Synthesis of Structurally Stable 3D MoS ₂ Architectures as High Performance Lithium-Ion Battery Anodes. Particle and Particle Systems Characterization, 2016, 33, 311-315.	2.3	14
14	New insight into the ablation behavior of C/C-ZrC composites in a nitrogen plasma torch with a high heat flux of $\sim 1/425$ MW/m ² . Corrosion Science, 2021, 185, 109409.	6.6	12
15	Adsorption contributions of graphene to sodium ion storage performance. Journal Physics D: Applied Physics, 2018, 51, 205501.	2.8	11
16	Elemental Sulfur Nanoparticles Chemically Boost the Sodium Storage Performance of MoS ₂ /rGO Anodes. Batteries and Supercaps, 2018, 1, 184-191.	4.7	10
17	Study of the ablation of a carbon/carbon composite at $\sim 1/425$ MW/m ² with a nitrogen plasma torch. Journal of the European Ceramic Society, 2020, 40, 5085-5093.	5.7	10
18	Effect of yttrium carbide on ablation behavior of zirconium carbide modified carbon/carbon composites. Corrosion Science, 2020, 170, 108675.	6.6	10

#	ARTICLE	IF	CITATIONS
19	Cobalt tetrapyrrolineporphyrane nanoparticulates anchored on carbon nanotubes for long-voltage Li/SOCl ₂ batteries. <i>Electrochimica Acta</i> , 2019, 295, 569-576.	5.2	9
20	Tailoring MoS ₂ Ultrathin Sheets Anchored on Graphene Flexible Supports for Superstable Lithium-ion Battery Anodes. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900197.	2.3	7
21	Nanostructured transition-metal phthalocyanine complexes for catalytic oxygen reduction reaction. <i>Nanotechnology</i> , 2022, 33, 182001.	2.6	7
22	Highly Efficient Au Nanocatalysts for Heterogeneous Continuous-Flow Reactions Using Hollow CeO ₂ Microspheres as a Functional Skeleton. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 3575-3582.	3.7	4
23	1T MoS ₂ growth from exfoliated MoS ₂ nucleation as high rate anode for sodium storage. <i>Nanotechnology</i> , 2022, 33, 025602.	2.6	3