

# Xuetao Shen

## List of Publications by Year in descending order

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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	Hollow Fluffy Co <sub>3</sub> O <sub>4</sub> Cages as Efficient Electroactive Materials for Supercapacitors and Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2015, 7, 20322-20331.	4.0	163
2	Bundled Defect-Rich MoS <sub>2</sub> 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.	5.2	154
3	Strong enhancement of phonon scattering through nanoscale grains in lead sulfide thermoelectrics. NPG Asia Materials, 2014, 6, e108-e108.	3.8	140
4	Tulip-like MoS <sub>2</sub> with a single sheet tapered structure anchored on N-doped graphene substrates via C-O-Mo bonds for superior sodium storage. Journal of Materials Chemistry A, 2018, 6, 24433-24440.	5.2	48
5	Hierarchically urchin-like hollow NiCo <sub>2</sub> S <sub>4</sub> prepared by a facile template-free method for high-performance supercapacitors. Journal of Colloid and Interface Science, 2021, 604, 292-300.	5.0	43
6	Synthesis of Grain-like MoS <sub>2</sub> for High-Performance Sodium-Ion Batteries. ChemSusChem, 2018, 11, 2130-2137.	3.6	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.	5.2	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.	3.2	32
9	Influence of Cr content on the microstructure and anti-oxidation property of MoSi <sub>2</sub> -CrSi <sub>2</sub> -Si multi-composition coating for SiC coated carbon/carbon composites. Journal of Alloys and Compounds, 2010, 501, L20-L24.	2.8	30
10	Rate Behavior of MoO <sub>3</sub> /Graphene Oxide Lithium-Ion Battery Anodes from Electrochemical Contributions. Journal of the Electrochemical Society, 2018, 165, A439-A447.	1.3	28
11	MoO <sub>3</sub> /Carbon Dots Composites for Li-Ion Battery Anodes. ChemNanoMat, 2019, 5, 921-925.	1.5	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.	2.3	22
13	Synthesis of Structurally Stable 3D MoS <sub>2</sub> Architectures as High Performance Lithium-Ion Battery Anodes. Particle and Particle Systems Characterization, 2016, 33, 311-315.	1.2	14
14	New insight into the ablation behavior of C/C-ZrC composites in a nitrogen plasma torch with a high heat flux of $\sim 1/4$ 25 MW/m <sup>2</sup> . Corrosion Science, 2021, 185, 109409.	3.0	12
15	Adsorption contributions of graphene to sodium ion storage performance. Journal Physics D: Applied Physics, 2018, 51, 205501.	1.3	11
16	Elemental Sulfur Nanoparticles Chemically Boost the Sodium Storage Performance of MoS <sub>2</sub> /rGO Anodes. Batteries and Supercaps, 2018, 1, 184-191.	2.4	10
17	Study of the ablation of a carbon/carbon composite at $\sim 1/4$ 25 MW/m <sup>2</sup> with a nitrogen plasma torch. Journal of the European Ceramic Society, 2020, 40, 5085-5093.	2.8	10
18	Effect of yttrium carbide on ablation behavior of zirconium carbide modified carbon/carbon composites. Corrosion Science, 2020, 170, 108675.	3.0	10

#	ARTICLE	IF	CITATIONS
19	Cobalt tetrapyrroline porphyrin nanoparticles anchored on carbon nanotubes for long-voltage Li/SOCl <sub>2</sub> batteries. <i>Electrochimica Acta</i> , 2019, 295, 569-576.	2.6	9
20	Tailoring MoS <sub>2</sub> Ultrathin Sheets Anchored on Graphene Flexible Supports for Superstable Lithium-ion Battery Anodes. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900197.	1.2	7
21	Nanostructured transition-metal phthalocyanine complexes for catalytic oxygen reduction reaction. <i>Nanotechnology</i> , 2022, 33, 182001.	1.3	7
22	Highly Efficient Au Nanocatalysts for Heterogeneous Continuous-Flow Reactions Using Hollow CeO <sub>2</sub> Microspheres as a Functional Skeleton. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 3575-3582.	1.8	4
23	1T MoS <sub>2</sub> growth from exfoliated MoS <sub>2</sub> nucleation as high rate anode for sodium storage. <i>Nanotechnology</i> , 2022, 33, 025602.	1.3	3