

# Jun Tang

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,120  
citations

623734

14  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1621  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing Ion Pathway in Titanium Carbide MXene for Practical High-Rate Supercapacitor. <i>Advanced Energy Materials</i> , 2021, 11, 2003025.	19.5	152
2	3D heterostructured pure and N-Doped Ni <sub>3</sub> S <sub>2</sub> /VS <sub>2</sub> nanosheets for high efficient overall water splitting. <i>Electrochimica Acta</i> , 2018, 269, 55-61.	5.2	132
3	Engineering Pt and Fe dual-metal single atoms anchored on nitrogen-doped carbon with high activity and durability towards oxygen reduction reaction for zinc-air battery. <i>Applied Catalysis B: Environmental</i> , 2021, 286, 119891.	20.2	122
4	Tuning the Electrochemical Performance of Titanium Carbide MXene by Controllable In Situ Anodic Oxidation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17849-17855.	13.8	117
5	Efficient coupling of a hierarchical V <sub>2</sub> O <sub>5</sub> @Ni <sub>3</sub> S <sub>2</sub> hybrid nanoarray for pseudocapacitors and hydrogen production. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17954-17962.	10.3	88
6	High-Performance Sodium-Ion Batteries Based on Nitrogen-Doped Mesoporous Carbon Spheres with Ultrathin Nanosheets. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 2970-2977.	8.0	82
7	Cross-linking of polymer and ionic liquid as high-performance gel electrolyte for flexible solid-state supercapacitors. <i>Electrochimica Acta</i> , 2017, 244, 112-118.	5.2	68
8	Substrate-Independent Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Waterborne Paint for Terahertz Absorption and Shielding. <i>ACS Nano</i> , 2021, 15, 13646-13652.	14.6	54
9	Effect of Zn-substitution on cycling performance of Ni-Co(OH) <sub>2</sub> nanosheet electrode for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2585.	10.3	53
10	Surface Redox Pseudocapacitance of Partially Oxidized Titanium Carbide MXene in Water-in-Salt Electrolyte. <i>ACS Energy Letters</i> , 2022, 7, 30-35.	17.4	43
11	Tuning the Electrochemical Performance of Titanium Carbide MXene by Controllable In Situ Anodic Oxidation. <i>Angewandte Chemie</i> , 2019, 131, 18013-18019.	2.0	38
12	Laser writing of the restacked titanium carbide MXene for high performance supercapacitors. <i>Energy Storage Materials</i> , 2020, 32, 418-424.	18.0	31
13	Redox inactive ion meliorated BaCo <sub>0.4</sub> Fe <sub>0.4</sub> Zr <sub>0.1</sub> YO <sub>3</sub> perovskite oxides as efficient electrocatalysts for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17288-17296.	10.3	28
14	In-situ and selectively laser reduced graphene oxide sheets as excellent conductive additive for high rate capability LiFePO <sub>4</sub> lithium ion batteries. <i>Journal of Power Sources</i> , 2019, 412, 677-682.	7.8	27
15	Operando structure degradation study of PbS quantum dot solar cells. <i>Energy and Environmental Science</i> , 2021, 14, 3420-3429.	30.8	17
16	A laser irradiation synthesis of strongly-coupled VO <sub>x</sub> -reduced graphene oxide composites as enhanced performance supercapacitor electrodes. <i>Materials Today Energy</i> , 2017, 5, 222-229.	4.7	13
17	Recent advances in proteome-wide label-free target deconvolution for bioactive small molecules. <i>Medicinal Research Reviews</i> , 2021, 41, 2893-2926.	10.5	13
18	A laser synthesis of vanadium oxide bonded graphene for high-rate supercapacitors. <i>Journal of Energy Chemistry</i> , 2020, 49, 174-178.	12.9	12

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19	Evaluation of A-Site Ba <sup>2+</sup> -Deficient Ba <sub>1-x</sub> Co <sub>0.4</sub> Fe <sub>0.4</sub> Zr <sub>0.1</sub> Y <sub>0.1</sub> O <sub>3</sub> Oxides as Electrocatalysts for Efficient Hydrogen Evolution Reaction. <i>Scanning</i> , 2018, 2018, 1-10.	1.5	9
20	Electrochemically deposited interconnected porous Co <sub>3</sub> O <sub>4</sub> nanoflakes as anodes with excellent rate capability for lithium ion batteries. <i>RSC Advances</i> , 2015, 5, 36117-36121.	3.6	8
21	Interconnected Two-dimensional Arrays of Niobium Nitride Nanocrystals as Stable Lithium Host. <i>Batteries and Supercaps</i> , 2021, 4, 106-111.	4.7	7
22	Preparation of phase change material filled hybrid 2D/3D graphene structure with ultra-high thermal effusivity for effective thermal management. <i>MethodsX</i> , 2021, 8, 101385.	1.6	6