

# Tong Xue

## List of Publications by Year in descending order

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32  
papers

1,324  
citations

567281

15  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2000  
citing authors

#	ARTICLE	IF	CITATIONS
1	From aqueous Zn-ion battery to Zn-MnO <sub>2</sub> flow battery: A brief story. <i>Journal of Energy Chemistry</i> , 2021, 54, 194-201.	12.9	171
2	Dual-template synthesis of Co(OH) <sub>2</sub> with mesoporous nanowire structure and its application in supercapacitor. <i>Journal of Power Sources</i> , 2012, 201, 382-386.	7.8	169
3	A melt route for the synthesis of activated carbon derived from carton box for high performance symmetric supercapacitor applications. <i>Journal of Power Sources</i> , 2016, 307, 401-409.	7.8	144
4	Electrodeposition of mesoporous manganese dioxide supercapacitor electrodes through self-assembled triblock copolymer templates. <i>Journal of Power Sources</i> , 2007, 164, 953-958.	7.8	132
5	Electrodeposition of ordered mesoporous cobalt hydroxide film from lyotropic liquid crystal media for electrochemical capacitors. <i>Journal of Materials Chemistry</i> , 2008, 18, 905.	6.7	127
6	What causes the low viscosity of ether-functionalized ionic liquids? Its dependence on the increase of free volume. <i>RSC Advances</i> , 2012, 2, 10564.	3.6	106
7	Photocatalytic property of perovskite LaFeO <sub>3</sub> synthesized by sol-gel process and vacuum microwave calcination. <i>Materials Research Bulletin</i> , 2016, 84, 15-24.	5.2	64
8	Recent Progress of Metal Carbides Encapsulated in Carbon-Based Materials for Electrocatalysis of Oxygen Reduction Reaction. <i>Small Methods</i> , 2020, 4, 1900575.	8.6	59
9	Polystyrene/acrylonitrile/CNTs nanocomposites preparations and tribological behavior research. <i>Wear</i> , 2008, 265, 1923-1926.	3.1	46
10	Capacitive behavior of mesoporous Co(OH) <sub>2</sub> nanowires. <i>Journal of Power Sources</i> , 2014, 245, 194-202.	7.8	45
11	Electrodeposition of mesoporous manganese dioxide films from lyotropic liquid crystalline phases. <i>Microporous and Mesoporous Materials</i> , 2008, 112, 627-631.	4.4	37
12	Rational design of yolk-shell NiCo <sub>2</sub> O <sub>4</sub> @void@NiCo <sub>2</sub> S <sub>4</sub> nanospheres for effective enhancement in microwave absorption. <i>Journal of Alloys and Compounds</i> , 2021, 853, 157403.	5.5	35
13	Alkali ions pre-intercalation of $\gamma$ -MnO <sub>2</sub> nanosheets for high-capacity and stable Zn-ion battery. <i>Materials Today Energy</i> , 2022, 24, 100934.	4.7	35
14	Single-Crystalline TiO <sub>2</sub> (B) Nanobelts with Unusual Large Exposed {100} Facets and Enhanced Li <sup>+</sup> Storage Capacity. <i>Advanced Functional Materials</i> , 2021, 31, 2002187.	14.9	25
15	Highly Efficient Visible Light Photocatalytic Activities in Self-Assembled Metastable TiO <sub>2</sub> /Bi <sub>4</sub> MoO <sub>9</sub> Heterojunctions. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800844.	3.7	17
16	Nanocasting synthesis of Fe <sub>3</sub> O <sub>4</sub> @HTC nanocapsules and their superior electromagnetic properties. <i>RSC Advances</i> , 2016, 6, 20386-20391.	3.6	14
17	Comparison of wear behavior of GCr15 bearing steel prepared by selective laser melting (SLM) and electron beam melting (EBM). <i>Materials Letters</i> , 2021, 305, 130726.	2.6	13
18	Nickel induced in situ growth of nickel hydroxide nanoflakes on reduced graphite oxide with high energy and power density. <i>Journal of Colloid and Interface Science</i> , 2019, 537, 50-56.	9.4	10

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19	Sodium ferric EDTA-derived Fe-N-C material for selectively electrocatalytic synthesis of hydrogen peroxide. <i>Materials Letters</i> , 2018, 217, 171-173.	2.6	9
20	Liquid crystalline phase synthesis of nanoporous MnO <sub>2</sub> thin film arrays as an electrode material for electrochemical capacitors. <i>Materials Research Bulletin</i> , 2012, 47, 3120-3123.	5.2	8
21	One-step dual template synthesis of platinum on mesoporous carbon nanowires for electrocatalysts. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 2754-2759.	7.1	8
22	A Reactive Template Synthesis of Hierarchical Porous Carbon and Its Application to Supercapacitor Electrodes. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000168.	3.6	8
23	Controllable synthesis of Fe <sub>3</sub> O <sub>4</sub> -based magneto-dielectric ternary nanocomposites and their enhanced microwave absorption properties. <i>Nanotechnology</i> , 2021, 32, 015707.	2.6	8
24	Electrodeposition of mesoporous bilayers of polyaniline supported Cu <sub>2</sub> O semiconductor films from Lyotropic Liquid Crystalline phase. <i>Chemical Engineering Science</i> , 2012, 80, 452-459.	3.8	7
25	Free-standing and binder-free Molybdenum bisulfide nanospheres/reduced graphene oxide composite paper as flexible electrode for symmetric supercapacitor. <i>Materials Research Express</i> , 2019, 6, 095029.	1.6	6
26	Synthesis of Mesoporous Polyaniline (PANI)-Se <sub>0.5</sub> Te <sub>0.5</sub> Dual-Layer Film from Lyotropic Liquid Crystalline Template. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 5072-5078.	3.7	5
27	Nitrogen-doped mesoporous carbon/poly-o-phenylenediamine composites for high-performance hybrid supercapacitor electrodes. <i>Materials Research Express</i> , 2019, 6, 095601.	1.6	4
28	Self-Supported Fe-N-C Electrocatalyst via Pyrolysis of EDTAFeNa Adsorbed on SBA-15 for the Oxygen Reduction Reaction. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 3016-3023.	3.7	4
29	The morphology and electrochemical properties of La <sub>1</sub> Mg Ni <sub>3.4</sub> Al <sub>0.1</sub> (x=0.1±0.4) hydrogen storage alloys. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 35653-35661.	7.1	4
30	Flexible and free-standing MnO <sub>x</sub> /reduced graphene oxide paper with excellent cycling stability for Li-ion battery anode. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	1.7	2
31	Electrocatalysis for Oxygen Reduction Reaction on EDTAFeNa and Melamine co-Derived Self-Supported Fe-N-C Materials. <i>Catalysts</i> , 2021, 11, 623.	3.5	2
32	K <sub>2</sub> NiF <sub>4</sub> -type La <sub>1.8</sub> Sr <sub>0.2</sub> CuO <sub>4</sub> Cathode for Magnesium-air Battery. <i>International Journal of Electrochemical Science</i> , 0, , 11886-11903.	1.3	0