

# Jing Zhan

## List of Publications by Year in descending order

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26  
papers

595  
citations

623188

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610482

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docs citations

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times ranked

676  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering NH <sub>3</sub> -induced 1D self-assembly architecture with conductive polymer for advanced hybrid Na-CO <sub>2</sub> batteries via morphology modulation. <i>Journal of Power Sources</i> , 2022, 520, 230909.	4.0	11
2	Morphology-control and template-free fabrication of bimetallic Cu-Ni alloy rods for ethanol electro-oxidation in alkaline media. <i>Journal of Alloys and Compounds</i> , 2021, 855, 157438.	2.8	22
3	Dense binary Fe-Cu sites promoting CO <sub>2</sub> utilization enable highly reversible hybrid Na-CO <sub>2</sub> batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 22114-22128.	5.2	17
4	Thermodynamic simulation of metal behaviors in Cu <sup>2+</sup> -Ni <sup>2+</sup> -NH <sub>3</sub> -NH <sub>4</sub> <sup>+</sup> -CO <sub>2</sub> -H <sub>2</sub> O system. <i>Transactions of Nonferrous Metals Society of China</i> , 2021, 31, 1475-1483.	1.7	5
5	Designing Co-based microwave absorber with high absorption and thin thickness based on structure regulations. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 28648-28662.	1.1	5
6	Visible-light-induced NiCo <sub>2</sub> O <sub>4</sub> @Co <sub>3</sub> O <sub>4</sub> core/shell heterojunction photocatalysts for efficient removal of organic dyes. <i>Journal of Central South University</i> , 2021, 28, 3040-3049.	1.2	9
7	Reversible hybrid sodium-CO <sub>2</sub> batteries with low charging voltage and long-life. <i>Nano Energy</i> , 2020, 68, 104318.	8.2	70
8	Hierarchically porous carbon sheets/Co nanofibers derived from corncobs for enhanced microwave absorbing properties. <i>Applied Surface Science</i> , 2020, 534, 147510.	3.1	37
9	Preparation and electrochemical performance of nitrogen-doped carbon-coated Bi <sub>2</sub> Mn <sub>4</sub> O <sub>10</sub> anode materials for lithium-ion batteries. <i>Transactions of Nonferrous Metals Society of China</i> , 2020, 30, 2188-2199.	1.7	11
10	Heterojunction photocatalyst for organic degradation: Superior photocatalytic activity through the phase and interface engineering. <i>Ceramics International</i> , 2020, 46, 23245-23256.	2.3	14
11	Boosting ethanol oxidation over nickel oxide through construction of quasi-one-dimensional morphology and hierarchically porous structure. <i>Transactions of Nonferrous Metals Society of China</i> , 2020, 30, 1615-1624.	1.7	8
12	Exploration and crystal phase engineering from bismuthinite ore to visible-light responsive photocatalyst of Bi <sub>2</sub> O <sub>3</sub> . <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103375.	3.3	28
13	Porous Nickel Fibers with Enhanced Electrocatalytic Activities on Electro-oxidation of Ethanol in Alkaline Media. <i>Jom</i> , 2019, 71, 1485-1491.	0.9	3
14	Construction of a novel ZnCo <sub>2</sub> O <sub>4</sub> /Bi <sub>2</sub> O <sub>3</sub> heterojunction photocatalyst with enhanced visible light photocatalytic activity. <i>Chinese Chemical Letters</i> , 2019, 30, 735-738.	4.8	47
15	Facile template-free fabrication of mesoporous ZnCo <sub>2</sub> O <sub>4</sub> fibers with enhanced photocatalytic activity under visible-light irradiation. <i>Materials Letters</i> , 2018, 220, 66-69.	1.3	24
16	Effects of composition on the microwave absorbing properties of Fe <sub>100-x</sub> Ni <sub>x</sub> (x=0-25) submicro fibers. <i>Advanced Powder Technology</i> , 2018, 29, 1099-1105.	2.0	14
17	Synthesis of Bi <sub>2</sub> Mn <sub>4</sub> O <sub>10</sub> nanoparticles and its anode properties for LIB. <i>Ceramics International</i> , 2018, 44, 14891-14895.	2.3	11
18	Preparation of Fe <sub>20</sub> Ni <sub>80</sub> submicron fibers by an oxalate precipitation-thermal decomposition process and their microwave absorbing properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 13548-13555.	1.1	11

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19	Synthesis of mesoporous NiCo <sub>2</sub> O <sub>4</sub> fibers and their electrocatalytic activity on direct oxidation of ethanol in alkaline media. <i>Electrochimica Acta</i> , 2015, 154, 70-76.	2.6	75
20	Synthesis and microwave absorbing properties of quasio-ne-dimensional mesoporous NiCo <sub>2</sub> O <sub>4</sub> nanostructure. <i>Journal of Alloys and Compounds</i> , 2014, 585, 240-244.	2.8	95
21	Thermodynamics analysis of system and preparation of Ni microfiber. <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 3456-3461.	1.7	6
22	Template-free synthesis of Ni microfibres and their electromagnetic wave absorbing properties. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 495308.	1.3	15
23	Shape-controlled synthesis of novel precursor for fibrous Ni-Co alloy powders. <i>Transactions of Nonferrous Metals Society of China</i> , 2011, 21, 544-551.	1.7	15
24	Thermodynamic analysis on synthesis of fibrous Ni-Co alloys precursor and Ni/Co ratio control. <i>Transactions of Nonferrous Metals Society of China</i> , 2011, 21, 1141-1148.	1.7	17
25	Composition and morphology of complicated copper oxalate powder. <i>Transactions of Nonferrous Metals Society of China</i> , 2010, 20, 165-170.	1.7	18
26	Thermodynamic equilibrium calculation on preparation of copper oxalate precursor powder. <i>Transactions of Nonferrous Metals Society of China</i> , 2008, 18, 454-458.	1.7	7