

# Jinsong Rao

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	A multidimensional rational design of nickel-iron sulfide and carbon nanotubes on diatomite via synergistic modulation strategy for supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 799-809.	9.4	138
2	Atomic scale modulation strategies and crystal phase transition of flower-like CoAl layered double hydroxides for supercapacitors. <i>CrystEngComm</i> , 2022, 24, 2081-2088.	2.6	85
3	Quasi-in-situ analysis of dependency of deformation mechanism and work-hardening behavior on texture in Mg-2Zn-0.1Ca alloy. <i>Journal of Alloys and Compounds</i> , 2019, 784, 1187-1197.	5.5	31
4	Montmorillonite-Based Two-Dimensional Nanocomposites: Preparation and Applications. <i>Molecules</i> , 2021, 26, 2521.	3.8	22
5	2D-3D graphene-coated diatomite as a support toward growing ZnO for advanced photocatalytic degradation of methylene blue. <i>RSC Advances</i> , 2021, 11, 38505-38514.	3.6	19
6	Anisotropic cyclic deformation behavior of an extruded Mg-3Y alloy sheet with rare earth texture. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 1581-1597.	11.9	19
7	Quantitative analysis of the deformation modes and cracking modes during low-cycle fatigue of a rolled AZ31B magnesium alloy: The influence of texture. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 844, 143103.	5.6	18
8	Oxidation and ignition behavior of a magnesium alloy containing rare earth elements. <i>International Journal of Advanced Manufacturing Technology</i> , 2010, 51, 225-231.	3.0	14
9	Developing polydopamine modified molybdenum disulfide/epoxy resin powder coatings with enhanced anticorrosion performance and wear resistance on magnesium lithium alloys. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 2534-2545.	11.9	14
10	Active Corrosion Protection of Mg-Al Layered Double Hydroxide for Magnesium Alloys: A Short Review. <i>Coatings</i> , 2021, 11, 1316.	2.6	14
11	The deformation modes and transferability during low-cycle fatigue of Mg and Mg-3Y alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 839, 142838.	5.6	14
12	A route for large-scale preparation of multifunctional superhydrophobic coating with electrochemically-modified kaolin for efficient corrosion protection of magnesium alloys. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 3082-3099.	11.9	13
13	A facile green synthesis of Sm <sub>2</sub> O <sub>3</sub> nanoparticles via microwave-assisted urea precipitation route and their optical properties. <i>Electronic Materials Letters</i> , 2017, 13, 255-259.	2.2	10
14	Mirror-like Bright Al-Mn Coatings Electrodeposition from 1-Ethyl-3 Methylimidazolium Chloride-AlCl <sub>3</sub> -MnCl <sub>2</sub> Ionic Liquids with Pyridine Derivatives. <i>Materials</i> , 2021, 14, 6226.	2.9	4
15	Effect of Bi on Microstructure and Mechanical Properties of Extruded AZ80-2Sn Magnesium Alloy. <i>High Temperature Materials and Processes</i> , 2018, 37, 97-103.	1.4	3
16	Effects of Additives Containing Cyanopyridine on Electrodeposition of Bright Al Coatings from AlCl <sub>3</sub> -EMIC Ionic Liquids. <i>Coatings</i> , 2021, 11, 1396.	2.6	3
17	TripleBrain: An Edge Neuromorphic Architecture for High-accuracy Single-layer Spiking Neural Network with On-chip Self-organizing and Reinforcement Learning. , 2021, , .		1