

Qiongyu Zhou

List of Publications by Year in descending order

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39
papers

1,007
citations

430874

18
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434195

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39
all docs

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docs citations

39
times ranked

1030
citing authors

#	ARTICLE	IF	CITATIONS
1	High Li-ion conductive composite polymer electrolytes for all-solid-state Li-metal batteries. <i>Journal of Power Sources</i> , 2021, 482, 228929.	7.8	36
2	Fabrication of Magnesium Phosphate Coating by Electrochemical Cathodic Method for Corrosion Protection of Sintered NdFeB Magnets. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 1200-1206.	2.5	3
3	The microstructure and property of Al ₂ O ₃ nano-particles. <i>Science and Technology of Advanced Materials</i> , 2021, 22, 205-217.	6.1	13
4	Stress aging of Al-Cu-Mg-Ag single crystal: The effect of the loading orientations. <i>Journal of Alloys and Compounds</i> , 2020, 816, 152635.	5.5	16
5	Flexible Phosphorus-Doped Graphene/Metal-Organic Framework-Derived Porous Fe ₂ O ₃ Anode for Lithium-Ion Battery. <i>ACS Applied Energy Materials</i> , 2020, 3, 11900-11906.	5.1	64
6	Designed synthesis of 2D multilayer CuCo ₂ S ₄ nanomaterials for high-performance asymmetric supercapacitors. <i>Vacuum</i> , 2020, 182, 109698.	3.5	28
7	NASICON Li _{1.2} Mg _{0.1} Zr _{1.9} (PO ₄) ₃ Solid Electrolyte for an All-Solid-State Li-Metal Battery. <i>Small Methods</i> , 2020, 4, 2000764.	8.6	42
8	Fabrication of porous Cu supported Ni-P/CeO ₂ composite coatings for enhanced hydrogen evolution reaction in alkaline solution. <i>Ceramics International</i> , 2020, 46, 20871-20877.	4.8	23
9	Design and fabrication of metal-organic frameworks nanosheet arrays constructed by interconnected nanohoneycomb-like nickel-cobalt oxide for high energy density asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2020, 342, 136077.	5.2	30
10	Effect of microalloying and tensile deformation on the internal structures of eutectic Si phase in Al-Si alloy. <i>Journal of Materials Research and Technology</i> , 2020, 9, 4682-4691.	5.8	22
11	CoWO ₄ /CoP ₂ nanoflakes grown on carbon nanotube film as an efficient electrocatalyst for water splitting in alkaline media. <i>Applied Surface Science</i> , 2020, 514, 145919.	6.1	21
12	Ultrasonic-assisted Ni-Mo-P doping hydrothermal synthesis of clustered spherical MoS ₂ composite coating: wear and corrosion resistance. <i>Surface Engineering</i> , 2020, 36, 889-899.	2.2	6
13	Improving the comprehensive mechanical property of the rheo-extruded Al-Fe alloy by severe rolling deformation. <i>Journal of Materials Research and Technology</i> , 2020, 9, 1768-1779.	5.8	12
14	Facile ethylene glycol-assisted hydrothermal synthesis of MoO ₂ nanospheres for high-performance supercapacitors. <i>Materials Research Express</i> , 2019, 6, 095044.	1.6	17
15	Hollow structure NiCo hydroxide/carbon nanotube composite for High-performance supercapacitors. <i>Journal of Power Sources</i> , 2019, 426, 111-115.	7.8	86
16	Laser melting deposition of duplex stainless-steel coating on high strength low alloy pipeline steels for improving wear and corrosion resistance. <i>Materials Express</i> , 2019, 9, 1009-1016.	0.5	3
17	Synthesis and characterization of Fe-doped CdWO ₄ nanoparticles with enhanced photocatalytic activity. <i>Materials Research Express</i> , 2019, 6, 035507.	1.6	6
18	Corrosion behavior of Hf _{0.5} Nb _{0.5} Ta _{0.5} Ti _{1.5} Zr refractory high-entropy in aqueous chloride solutions. <i>Electrochemistry Communications</i> , 2019, 98, 63-68.	4.7	106

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19	A superhard allotrope of carbon: Ibam-C and its BN phase. <i>Chemical Physics Letters</i> , 2019, 714, 119-124.	2.6	19
20	Shape control of nickel crystals and catalytic hydrogenation performance of ruthenium-on-Ni crystals. <i>CrystEngComm</i> , 2018, 20, 113-121.	2.6	10
21	Electronic properties of the passive films growth on Cu-Ni alloy from the viewpoint of point defect model and power-law model. <i>Materials Research Express</i> , 2018, 5, 116534.	1.6	5
22	Network-like porous Co-Ni-B grown on carbon cloth as efficient and stable catalytic electrodes for hydrogen evolution. <i>Electrochemistry Communications</i> , 2018, 93, 104-108.	4.7	47
23	Influence of La addition on the semi-conductive properties of passive films formed on Cu-Ni alloy. <i>Materials Research Express</i> , 2018, 5, 056513.	1.6	8
24	Grain Boundary Characteristics Optimization of 90Cu-10Ni Copper-Nickel Alloy for Improving Corrosion Resistance. <i>Corrosion</i> , 2018, 74, 819-828.	1.1	9
25	ELECTRODEPOSITION AND CORROSION RESISTANCE OF Ni-W-Al ₂ O ₃ NANOCOMPOSITE COATINGS. <i>Surface Review and Letters</i> , 2017, 24, 1850015.	1.1	11
26	Morphology, Structure, Microhardness and Corrosion Resistance of Ni-W Coating Annealed in Hydrogen and Argon Atmosphere. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 2465-2471.	2.5	5
27	Electrodeposition and Characterization of Ni-W-Cr ₂ O ₃ Nanocomposite Coating. <i>Metallography, Microstructure, and Analysis</i> , 2017, 6, 519-526.	1.0	5
28	Synthesis of novel platinum-on-flower-like nickel catalysts and their applications in hydrogenation reaction. <i>Applied Surface Science</i> , 2017, 423, 836-844.	6.1	19
29	Investigations of Local Corrosion Behavior of Plasma-Sprayed FeCr Nanocomposite Coating by SECM. <i>Journal of Thermal Spray Technology</i> , 2016, 25, 595-604.	3.1	7
30	Effect of salicylaldehyde on microstructure and corrosion resistance of electrodeposited nanocrystalline Ni-W alloy coatings. <i>Surface and Coatings Technology</i> , 2015, 283, 148-155.	4.8	41
31	Preparation of Ni-W-SiO ₂ nanocomposite coating and evaluation of its hardness and corrosion resistance. <i>Ceramics International</i> , 2015, 41, 79-84.	4.8	89
32	ELECTRODEPOSITION BEHAVIOR OF Mn WITH Ni IN ACIDIC SULFATE SOLUTIONS. <i>Surface Review and Letters</i> , 2014, 21, 1450083.	1.1	2
33	A Magnetic Properties and Corrosion Resistance of Fe-Si Alloy Coating Prepared on Mild Steel. <i>Medziagotyra</i> , 2014, 20, .	0.2	1
34	Preparation of Cu-Ni-Fe alloy coating and its evaluation on corrosion behavior in 3.5% NaCl solution. <i>Journal of Alloys and Compounds</i> , 2013, 563, 171-175.	5.5	27
35	Preparation and characterisation of nickel-nano-B ₄ C composite coatings. <i>Surface Engineering</i> , 2012, 28, 612-619.	2.2	20
36	Preparation of passive Cu-Ni-Fe coating on low-carbon steel for improving corrosion resistance. <i>Surface and Coatings Technology</i> , 2012, 207, 503-507.	4.8	15

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37	Preparation of Fe ₂ B boride coating on low-carbon steel surfaces and its evaluation of hardness and corrosion resistance. Surface and Coatings Technology, 2011, 206, 473-478.	4.8	63
38	The effects of nano-SiO ₂ additive on the zinc phosphating of carbon steel. Surface and Coatings Technology, 2011, 205, 3455-3460.	4.8	68
39	The Effect of Cl ⁻ Concentration on the Corrosion Behavior of Electroplated Cu-Ni-W Alloy Coating. Advanced Materials Research, 0, 785-786, 953-956.	0.3	2