

Zhen He

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3411797/publications.pdf>

Version: 2024-02-01

24
papers

303
citations

1039406

9
h-index

940134

16
g-index

24
all docs

24
docs citations

24
times ranked

143
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and properties of Ni-W-P-TiO ₂ nanocomposite coatings developed by a sol-enhanced electroplating method. Chinese Journal of Chemical Engineering, 2022, 44, 369-376.	1.7	6
2	Ti/SnO ₂ -Sb ₂ O ₃ -TiO ₂ Electrodeposited from Methanesulfonate Electrolytes: Preparation, Properties, and Performance. Coatings, 2022, 12, 366.	1.2	4
3	Properties of Micro-Arc Oxidation Coatings on 5052 Al Alloy Sealed by SiO ₂ Nanoparticles. Coatings, 2022, 12, 373.	1.2	13
4	Nanostructured Superhydrophobic Titanium-Based Materials: A Novel Preparation Pathway to Attain Superhydrophobicity on TC4 Alloy. Nanomaterials, 2022, 12, 2086.	1.9	11
5	Potentiostatic electrodeposition of self-supported Ni S electrocatalyst supported on Ni foam for efficient hydrogen evolution. Materials and Design, 2021, 198, 109316.	3.3	42
6	Influence of pretreatments on physicochemical properties of Ni-P coatings electrodeposited on aluminum alloy. Materials and Design, 2021, 197, 109233.	3.3	38
7	Preparation and characterisation of AAO/Ni/Ni superhydrophobic coatings on aluminium alloys. Surface Engineering, 2021, 37, 1246-1254.	1.1	11
8	Potentiostatic electrodeposited of Ni-Fe-Sn on Ni foam served as an excellent electrocatalyst for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2021, 46, 26930-26939.	3.8	29
9	The laser-prepared SiC nanocoating: preparation, properties and high-temperature oxidation performance. Materials Research Express, 2021, 8, 085003.	0.8	0
10	Mechanical properties of Ni-based coatings fabricated by electroless plating method. Surface Engineering, 2020, 36, 944-951.	1.1	25
11	Preparation of Co-P-TiO ₂ nanocomposite coatings via a pulsed electrodeposition process. Surface Engineering, 2020, 36, 975-981.	1.1	17
12	Cu-TiO ₂ nanocomposite coatings prepared from sol-enhanced electrodeposition. International Journal of Modern Physics B, 2020, 34, 2040038.	1.0	11
13	Improved mechanical properties of Cu-Sn-Zn-TiO ₂ coatings. International Journal of Modern Physics B, 2020, 34, 2040039.	1.0	2
14	Effect of Iron Ion on Corrosion Behavior of Inconel 625 in High-Temperature Water. Scanning, 2020, 1-8.	0.7	5
15	Cu-Sn-Zn nanocomposite coatings prepared by TiO ₂ sol-enhanced electrodeposition. Journal of Applied Electrochemistry, 2020, 50, 875-885.	1.5	8
16	Effects of heat treatment on the properties of Co-P-TiO ₂ nanocomposite coatings. Surface Engineering, 2020, 36, 720-726.	1.1	15
17	Cobalt-phosphorus-titanium oxide nanocomposite coatings: structures, properties, and corrosion studies. Journal of Materials Science: Materials in Electronics, 2019, 30, 19940-19947.	1.1	9
18	Preparation of Nano-SiO ₂ -Coated Graphite Films by a Laser-Assisted Sol-Gel Process. Journal of Materials Engineering and Performance, 2019, 28, 5146-5155.	1.2	2

#	ARTICLE	IF	CITATIONS
19	Microstructure and Properties of Duplex Ni-P-TiO ₂ /Ni-P Nanocomposite Coatings. Materials Research, 2019, 22, .	0.6	8
20	PbO ₂ electrodes prepared by pulse reverse electrodeposition and their application in benzoic acid degradation. Journal of Electroanalytical Chemistry, 2018, 812, 74-81.	1.9	28
21	Effects of deposition time and current density on PbO ₂ electrosynthesis from methanesulfonate electrolyte. Journal of Applied Electrochemistry, 2018, 48, 783-791.	1.5	10
22	Physicochemical Characterization of PbO ₂ Coatings Electrosynthesized from a Methanesulfonate Electrolytic Solution. Journal of the Electrochemical Society, 2018, 165, D670-D675.	1.3	8
23	Fabrication and characterization of Ni-Fe-TiO ₂ nanocomposite coatings. International Journal of Modern Physics B, 0, , .	1.0	0
24	The hierarchical surface on AZ31 magnesium alloy: Preparation, properties, and performance. International Journal of Modern Physics B, 0, , .	1.0	1