

Sudagar J

List of Publications by Year in descending order

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19
papers

1,136
citations

758635

12
h-index

839053

18
g-index

20
all docs

20
docs citations

20
times ranked

1118
citing authors

#	ARTICLE	IF	CITATIONS
1	Electroless nickel, alloy, composite and nano coatings – A critical review. <i>Journal of Alloys and Compounds</i> , 2013, 571, 183-204.	2.8	700
2	The performance of surfactant on the surface characteristics of electroless nickel coating on magnesium alloy. <i>Progress in Organic Coatings</i> , 2012, 74, 788-793.	1.9	63
3	Wear and scratch behaviour of electroless Ni-P-nano-TiO ₂ : Effect of surfactants. <i>Wear</i> , 2016, 346-347, 148-157.	1.5	59
4	Effect of surfactants on the coating properties and corrosion behaviour of Ni–P–nano-TiO ₂ coatings. <i>Surface and Coatings Technology</i> , 2015, 276, 320-326.	2.2	56
5	Dry Sliding Wear Properties of a 7075-T6 Aluminum Alloy Coated with Ni-P (h) in Different Pretreatment Conditions. <i>Journal of Materials Engineering and Performance</i> , 2010, 19, 810-818.	1.2	47
6	Mechanical behaviour of polymer derived ceramics – a review. <i>International Materials Reviews</i> , 2021, 66, 426-449.	9.4	45
7	High corrosion resistance of electroless Ni-P with chromium-free conversion pre-treatments on AZ91D magnesium alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2011, 21, 921-928.	1.7	32
8	Microstructure and Mechanical Properties of an Extruded Mg-2Dy-0.5Zn Alloy. <i>Journal of Materials Science and Technology</i> , 2012, 28, 543-551.	5.6	23
9	Increased Corrosion Resistance of Closed-Cell Aluminum Foams by Electroless Ni-P Coatings. <i>Materials Transactions</i> , 2011, 52, 2282-2284.	0.4	22
10	Electroless Ni–P deposition with vanadium based coating as pretreatment on AZ91D magnesium alloy. <i>Transactions of the Institute of Metal Finishing</i> , 2012, 90, 129-136.	0.6	15
11	Influence of a Zwitterionic Surfactant on the Surface Properties of Electroless Ni–P Coating on Mild Steel. <i>Journal of Surfactants and Detergents</i> , 2016, 19, 1081-1088.	1.0	15
12	Effect of Reduced Graphene Oxide Reinforcement on the Wear Characteristics of Electroless Ni-P Coatings. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 3044-3053.	1.2	15
13	Corrosion behavior of polymer-derived SiHfCN(O) ceramics in salt and acid environments. <i>Ceramics International</i> , 2015, 41, 10659-10669.	2.3	13
14	Electroless NiP–MWCNT composite coating for textile industry application. <i>Surface Engineering</i> , 2016, 32, 338-343.	1.1	12
15	Electroless Deposition of Nanolayered Metallic Coatings. , 2017, , .		6
16	Corrosion of Polymer-Derived Ceramics in Hydrofluoric Acid and Sodium Salts. <i>Advances in Science and Technology</i> , 2014, 89, 82-87.	0.2	5
17	INFLUENCE OF SURFACTANTS ON THE CORROSION PROPERTIES OF CHROMIUM-FREE ELECTROLESS NICKEL DEPOSIT ON MAGNESIUM ALLOY. <i>Surface Review and Letters</i> , 2012, 19, 1250025.	0.5	3
18	A new method to prepare MgO and base for further electroless nickel deposition on magnesium substrate. <i>International Journal of Surface Science and Engineering</i> , 2013, 7, 97.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Stress induced environmental damage in precursor derived SiBCN ceramics. Ceramics International, 2016, 42, 6692-6700.	2.3	2