

Keyvan Raeissi

List of Publications by Year in descending order

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152
papers

5,687
citations

76326

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152
all docs

152
docs citations

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times ranked

4607
citing authors

#	ARTICLE	IF	CITATIONS
1	Benzimidazole and its derivatives as corrosion inhibitors for mild steel in 1M HCl solution. <i>Corrosion Science</i> , 2009, 51, 1836-1843.	6.6	683
2	Enhanced corrosion resistance of mild steel in 1M HCl solution by trace amount of 2-phenyl-benzothiazole derivatives: Experimental, quantum chemical calculations and molecular dynamics (MD) simulation studies. <i>Corrosion Science</i> , 2017, 114, 133-145.	6.6	307
3	Effect of solution concentration on semiconducting properties of passive films formed on austenitic stainless steels. <i>Corrosion Science</i> , 2010, 52, 205-209.	6.6	199
4	Corrosion resistance and long-term durability of super-hydrophobic nickel film prepared by electrodeposition process. <i>Applied Surface Science</i> , 2014, 305, 498-505.	6.1	198
5	Carboxamide derivatives as new corrosion inhibitors for mild steel protection in hydrochloric acid solution. <i>Corrosion Science</i> , 2019, 151, 190-197.	6.6	168
6	Controlling the degradation rate of AZ91 magnesium alloy via sol-gel derived nanostructured hydroxyapatite coating. <i>Materials Science and Engineering C</i> , 2013, 33, 3817-3825.	7.3	131
7	The inhibition of carbon steel corrosion in hydrochloric and sulfuric acid media using some benzimidazole derivatives. <i>Materials Chemistry and Physics</i> , 2010, 121, 320-325.	4.0	129
8	Corrosion performance of HVOF and APS thermally sprayed NiTi intermetallic coatings in 3.5% NaCl solution. <i>Corrosion Science</i> , 2010, 52, 1052-1059.	6.6	124
9	Super-hydrophobic nickel-cobalt alloy coating with micro-nano flower-like structure. <i>Chemical Engineering Journal</i> , 2015, 273, 638-646.	12.7	121
10	Electrophoretic deposition of nanostructured hydroxyapatite coating on AZ91 magnesium alloy implants with different surface treatments. <i>Applied Surface Science</i> , 2013, 285, 664-673.	6.1	104
11	A review on recent advancements in electrochemical biosensing using carbonaceous nanomaterials. <i>Mikrochimica Acta</i> , 2019, 186, 773.	5.0	103
12	Effect of current type on microstructure and corrosion resistance of super duplex stainless steel claddings produced by the gas tungsten arc welding process. <i>Surface and Coatings Technology</i> , 2014, 244, 45-51.	4.8	95
13	An investigation of the characteristics of Al ₂ O ₃ /TiO ₂ PEO nanocomposite coating. <i>Applied Surface Science</i> , 2015, 351, 13-26.	6.1	87
14	Electrophoretic deposition of chitosan reinforced graphene oxide-hydroxyapatite on the anodized titanium to improve biological and electrochemical characteristics. <i>Materials Science and Engineering C</i> , 2019, 98, 140-152.	7.3	82
15	Effect of nucleation mode on the morphology and texture of electrodeposited zinc. <i>Journal of Applied Electrochemistry</i> , 2003, 33, 635-642.	2.9	80
16	Corrosion behaviour of super-hydrophobic electrodeposited nickel-cobalt alloy film. <i>Applied Surface Science</i> , 2016, 364, 349-357.	6.1	80
17	Improving the corrosion and tribocorrosion resistance of Ni-Co nanocrystalline coatings in NaOH solution. <i>Corrosion Science</i> , 2009, 51, 2371-2379.	6.6	78
18	Corrosion and tribocorrosion behavior of Ti/TiN PVD coating on 316L stainless steel substrate in Ringer's solution. <i>Materials Chemistry and Physics</i> , 2014, 148, 614-623.	4.0	76

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19	The transpassive dissolution mechanism of 316L stainless steel. <i>Electrochimica Acta</i> , 2009, 54, 3645-3650.	5.2	74
20	Comparison of two Schiff bases containing O-methyl and nitro substitutes for corrosion inhibiting of mild steel in 1M HCl solution. <i>Journal of Molecular Liquids</i> , 2018, 254, 177-187.	4.9	74
21	Characterization of as-deposited and annealed Cr-C alloy coatings produced from a trivalent chromium bath. <i>Journal of Alloys and Compounds</i> , 2010, 496, 164-168.	5.5	67
22	Effects of saccharin on the electrodeposition of Ni-Co nanocrystalline coatings. <i>Journal of Applied Electrochemistry</i> , 2008, 38, 689-694.	2.9	63
23	Effect of ammonium chloride on microstructure, super-hydrophobicity and corrosion resistance of nickel coatings. <i>Surface and Coatings Technology</i> , 2015, 283, 318-328.	4.8	62
24	Microstructural evolution and corrosion resistance of super-hydrophobic electrodeposited nickel films. <i>Surface and Coatings Technology</i> , 2015, 283, 337-346.	4.8	59
25	Development of super-hydrophobic surface on Al 6061 by anodizing and the evaluation of its corrosion behavior. <i>Surface and Coatings Technology</i> , 2017, 324, 99-105.	4.8	57
26	The effect of pulse waveforms on surface morphology, composition and corrosion behavior of Al ₂ O ₃ and Al ₂ O ₃ /TiO ₂ nano-composite PEO coatings on 7075 aluminum alloy. <i>Surface and Coatings Technology</i> , 2017, 324, 208-221.	4.8	57
27	Effects of pulse current mode on plasma electrolytic oxidation of 7075 Al in Na ₂ WO ₄ containing solution: From unipolar to soft-sparking regime. <i>Electrochimica Acta</i> , 2018, 284, 618-629.	5.2	55
28	Electrophoretic deposition of bioactive glass nanopowders on magnesium based alloy for biomedical applications. <i>Ceramics International</i> , 2014, 40, 7879-7888.	4.8	54
29	Properties of nanocrystalline iron-nickel alloys fabricated by galvanostatic electrodeposition. <i>Journal of Alloys and Compounds</i> , 2009, 485, 402-407.	5.5	52
30	Effect of current density on deposition process and properties of nanocrystalline Ni-Co-W alloy coatings. <i>Journal of Alloys and Compounds</i> , 2010, 489, 488-492.	5.5	49
31	Effects of Co and W alloying elements on the electrodeposition aspects and properties of nanocrystalline Ni alloy coatings. <i>Applied Surface Science</i> , 2011, 257, 5919-5926.	6.1	49
32	Texture and surface morphology in zinc electrodeposits. <i>Journal of Applied Electrochemistry</i> , 2004, 34, 1249-1258.	2.9	48
33	Electrochemical impedance spectroscopy of HVOF-sprayed NiTi intermetallic coatings deposited on AISI 1045 steel. <i>Journal of Alloys and Compounds</i> , 2010, 507, 42-46.	5.5	48
34	Evaluation of corrosion and tribocorrosion of plasma electrolytic oxidation treated Ti-6Al-4V alloy. <i>Surface and Coatings Technology</i> , 2014, 244, 29-36.	4.8	48
35	Improving visible light photocatalytic inactivation of E. coli by inducing highly efficient radical pathways through peroxydisulfate activation using 3-D, surface-enhanced, reduced graphene oxide (rGO) aerogels. <i>Chemical Engineering Journal</i> , 2020, 396, 125189.	12.7	47
36	Characterization of nanocrystalline and amorphous cobalt-phosphorous electrodeposits. <i>Materials Letters</i> , 2008, 62, 3629-3631.	2.6	45

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37	The study of Ni-based nano-crystalline and amorphous alloy coatings on AISI 304 stainless steel for PEM fuel cell bipolar plate application. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 14264-14278.	7.1	43
38	The Effect of Electrolytic Solution Composition on the Structure, Corrosion, and Wear Resistance of PEO Coatings on AZ31 Magnesium Alloy. <i>Coatings</i> , 2020, 10, 937.	2.6	43
39	Characterization and properties of PEO coatings on 7075 Al alloy grown in alkaline silicate electrolyte containing KMnO ₄ additive. <i>Surface and Coatings Technology</i> , 2017, 329, 250-261.	4.8	42
40	Mechanical and cytotoxicity evaluation of nanostructured hydroxyapatite-bredigite scaffolds for bone regeneration. <i>Materials Science and Engineering C</i> , 2016, 68, 603-612.	7.3	41
41	Electrochemically-induced TiO ₂ incorporation for enhancing corrosion and tribocorrosion resistance of PEO coating on 7075 Al alloy. <i>Corrosion Science</i> , 2018, 143, 314-328.	6.6	39
42	Characterization of nanocrystalline Co-W coatings on Cu substrate, electrodeposited from a citrate-ammonia bath. <i>Surface and Coatings Technology</i> , 2011, 206, 497-505.	4.8	38
43	The passivity of AISI 316L stainless steel in 0.05M H ₂ SO ₄ . <i>Journal of Applied Electrochemistry</i> , 2010, 40, 457-461.	2.9	37
44	Inhibitive effect of sodium (E)-4-(4-nitrobenzylideneamino)benzoate on the corrosion of some metals in sodium chloride solution. <i>Applied Surface Science</i> , 2018, 447, 852-865.	6.1	37
45	An efficient textile-based electrode utilizing silver nanoparticles/reduced graphene oxide/cotton fabric composite for high-performance wearable supercapacitors. <i>Electrochimica Acta</i> , 2021, 368, 137647.	5.2	37
46	Fabrication of Al/Al ₂ O ₃ /TiC hybrid composite by anodizing and accumulative roll bonding processes and investigation of its microstructure and mechanical properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 585, 460-467.	5.6	36
47	Characterization of aluminum anodized layers modified in sulfuric and phosphoric acid baths and their effect on conventional electrolytic coloring. <i>Surface and Coatings Technology</i> , 2012, 206, 2438-2445.	4.8	35
48	Biodegradation assessment of nanostructured fluoridated hydroxyapatite coatings on biomedical grade magnesium alloy. <i>Ceramics International</i> , 2014, 40, 15149-15158.	4.8	35
49	Effect of saccharin addition on the corrosion resistance of polypyrrole coatings. <i>Progress in Organic Coatings</i> , 2008, 63, 167-174.	3.9	33
50	The structure and corrosion barrier performance of nanocrystalline zirconia electrodeposited coating. <i>Corrosion Science</i> , 2009, 51, 1802-1808.	6.6	33
51	Characterization and corrosion behavior of NiTi-Ti ₂ Ni-Ni ₃ Ti multiphase intermetallics produced by vacuum sintering. <i>Vacuum</i> , 2011, 86, 91-95.	3.5	33
52	A comparative study of corrosion performance of sealed anodized layers of conventionally colored and interference-colored aluminium. <i>Surface and Coatings Technology</i> , 2012, 206, 4628-4633.	4.8	33
53	Erosion-corrosion behavior of highly hydrophobic hierarchical nickel coatings. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 558, 446-454.	4.7	33
54	The corrosion and tribocorrosion resistance of PEO composite coatings containing γ -Al ₂ O ₃ particles on 7075 Al alloy. <i>Surface and Coatings Technology</i> , 2018, 349, 470-479.	4.8	33

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55	Effect of Pulse Current Mode on Microstructure, Composition and Corrosion Performance of the Coatings Produced by Plasma Electrolytic Oxidation on AZ31 Mg Alloy. <i>Coatings</i> , 2019, 9, 688.	2.6	32
56	Effect of surface preparation on zinc electrodeposited texture. <i>Surface and Coatings Technology</i> , 2005, 197, 229-237.	4.8	31
57	Improving the corrosion performance of Cr ^{III} C amorphous coatings on steel substrate by modifying the steel surface preparation. <i>Surface and Coatings Technology</i> , 2010, 205, 2174-2183.	4.8	31
58	An investigation on the role of texture and surface morphology in the corrosion resistance of zinc electrodeposits. <i>Corrosion Science</i> , 2011, 53, 2676-2678.	6.6	31
59	Gold Nano/Micro-Islands Overcome the Molecularly Imprinted Polymer Limitations to Achieve Ultrasensitive Protein Detection. <i>ACS Sensors</i> , 2021, 6, 797-807.	7.8	30
60	Effect of polarization type on properties of Ni ^{II} -W nanocrystalline electrodeposits. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 1279-1285.	2.9	29
61	The effect of surface morphology on pitting corrosion resistance of Ni nanocrystalline coatings. <i>Materials Letters</i> , 2009, 63, 1807-1809.	2.6	28
62	The effects of anodic amplitude and waveform of applied voltage on characterization and corrosion performance of the coatings grown by plasma electrolytic oxidation on AZ91 Mg alloy from an aluminate bath. <i>Surface and Coatings Technology</i> , 2020, 383, 125235.	4.8	28
63	The effect of gas mixture of post-oxidation on structure and corrosion behavior of plasma nitrided AISI 316 stainless steel. <i>Applied Surface Science</i> , 2013, 283, 584-589.	6.1	27
64	Electrochemical evaluation of corrosion and tribocorrosion behaviour of amorphous and nanocrystalline cobalt ^{II} -tungsten electrodeposited coatings. <i>Materials Chemistry and Physics</i> , 2014, 148, 67-76.	4.0	27
65	Highly hydrophobic Ni-W electrodeposited film with hierarchical structure. <i>Surface and Coatings Technology</i> , 2018, 344, 626-635.	4.8	27
66	Relationship between the structure and water repellency of nickel ^{II} -cobalt alloy coatings prepared by electrodeposition process. <i>Surface and Coatings Technology</i> , 2015, 276, 296-304.	4.8	26
67	Insights into the Photocatalytic Bacterial Inactivation by Flower-Like Bi ₂ WO ₆ under Solar or Visible Light, Through in Situ Monitoring and Determination of Reactive Oxygen Species (ROS). <i>Water (Switzerland)</i> , 2020, 12, 1099.	2.7	26
68	Experimental characterization, machine learning analysis and computational modelling of the high effective inhibition of copper corrosion by 5-(4-pyridyl)-1,3,4-oxadiazole-2-thiol in saline environment. <i>Electrochimica Acta</i> , 2021, 398, 139282.	5.2	25
69	Dilution and Ferrite Number Prediction in Pulsed Current Cladding of Super-Duplex Stainless Steel Using RSM. <i>Journal of Materials Engineering and Performance</i> , 2013, 22, 3657-3664.	2.5	24
70	Flower-like magnetized photocatalysts accelerating an emerging pollutant removal under indoor visible light and related phenomena. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 378, 105-113.	3.9	23
71	Decrypting the photocatalytic bacterial inactivation of hierarchical flower-like Bi ₂ WO ₆ microspheres induced by surface properties: Experimental studies and ab initio calculations. <i>Chemical Engineering Journal</i> , 2022, 427, 131768.	12.7	23
72	Evaluation of Ni ^{II} -Mo and Ni ^{II} -Mo ^{III} -P Electroplated Coatings on Stainless Steel for PEM Fuel Cells Bipolar Plates. <i>Fuel Cells</i> , 2016, 16, 784-800.	2.4	22

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73	Influence of cathodic duty cycle on the properties of tungsten containing Al ₂ O ₃ /TiO ₂ PEO nano-composite coatings. <i>Surface and Coatings Technology</i> , 2018, 340, 210-221.	4.8	22
74	A study on corrosion behavior of graphene oxide coating produced on stainless steel by electrophoretic deposition. <i>Surface and Coatings Technology</i> , 2019, 372, 327-342.	4.8	22
75	Hot Corrosion Behavior of Inconel 625 Superalloy in Eutectic Molten Nitrate Salts. <i>Oxidation of Metals</i> , 2018, 90, 169-186.	2.1	21
76	Dual Ni/Ni-Co electrodeposited coatings for improved erosion-corrosion behaviour. <i>Surface and Coatings Technology</i> , 2019, 368, 147-161.	4.8	21
77	A cost-effective and green-reduced graphene oxide/polyurethane foam electrode for electrochemical applications. <i>FlatChem</i> , 2020, 20, 100162.	5.6	20
78	PITTING CORROSION OF SAF2205 DUPLEX STAINLESS STEEL IN ACETIC ACID CONTAINING BROMIDE AND CHLORIDE. <i>Chemical Engineering Communications</i> , 2010, 197, 1404-1416.	2.6	19
79	Effect of Oxalate Anions on Zinc Electrodeposition from an Acidic Sulphate Bath. <i>Journal of the Electrochemical Society</i> , 2011, 158, D377.	2.9	19
80	Comparing Nanostructured Hydroxyapatite Coating on AZ91 Alloy Samples via Sol-gel and Electrophoretic Deposition for Biomedical Applications. <i>IEEE Transactions on Nanobioscience</i> , 2014, 13, 409-414.	3.3	18
81	The multi-effects of K ₂ TiF ₆ additive on the properties of PEO coatings on AZ31 Mg alloy. <i>Surface and Coatings Technology</i> , 2020, 402, 126296.	4.8	18
82	THE EFFECT OF Ph ON THE PROPERTIES OF Ni-Mo NANOCRYSTALLINE ELECTRODEPOSITS. <i>International Journal of Modern Physics B</i> , 2008, 22, 3060-3068.	2.0	17
83	Surface Characteristics and Electrochemical Impedance Investigation of Spark-Anodized Ti-6Al-4V Alloy. <i>Journal of Materials Engineering and Performance</i> , 2014, 23, 1270-1278.	2.5	15
84	3D-Focused ion beam tomography and quantitative porosity evaluation of ZrO ₂ -SiO ₂ composite coating; amorphous SiO ₂ as a porosity tailoring agent. <i>Applied Surface Science</i> , 2020, 511, 145567.	6.1	15
85	Corrosion and wear resistance of coatings produced on AZ31 Mg alloy by plasma electrolytic oxidation in silicate-based K ₂ TiF ₆ containing solution: Effect of waveform. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 2574-2587.	11.9	15
86	Effect of the morphology of silver layer on electrical conductivity and electrochemical performance of silver/reduced graphene oxide/cotton fabric composite as a flexible supercapacitor electrode. <i>Journal of Energy Storage</i> , 2021, 42, 103042.	8.1	15
87	Effect of feedstock particle size on microstructure of APS coatings prepared from mechanically alloyed nickel-titanium powders. <i>Surface Engineering</i> , 2010, 26, 447-452.	2.2	14
88	An Electrochemical Investigation on the Adhesion of As-Formed Anodic TiO ₂ Nanotubes Grown in Organic Solvents. <i>Electrochemical and Solid-State Letters</i> , 2011, 14, K8.	2.2	14
89	Multidentate Schiff bases as new and effective corrosion inhibitors for mild steel in hydrochloric acid solution: an electrochemical and quantum chemical assessment. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 2185-2197.	2.2	14
90	Incorporation mechanism of colloidal TiO ₂ nanoparticles and their effect on properties of coatings grown on 7075 Al alloy from silicate-based solution using plasma electrolytic oxidation. <i>Transactions of Nonferrous Metals Society of China</i> , 2021, 31, 3659-3676.	4.2	14

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91	Cathodic Protection Under a Simulated Coating Disbondment: Effect of Sulfate-Reducing Bacteria. <i>Corrosion</i> , 2019, 75, 417-423.	1.1	13
92	The effect of texture on the corrosion resistance of zinc electrodeposits. <i>Transactions of the Institute of Metal Finishing</i> , 2005, 83, 99-103.	1.3	12
93	Corrosion Behavior of Carbon Steel in Carbon Dioxide-Loaded Activated Methyl Diethanol Amine Solution. <i>Corrosion</i> , 2008, 64, 124-130.	1.1	12
94	Study on corrosion behaviour of nanocrystalline and amorphous Co-P electrodeposits. <i>Transactions of the Institute of Metal Finishing</i> , 2010, 88, 324-329.	1.3	12
95	The effect of heat treatment temperature on the structure and barrier performance of a zirconia coating electrodeposited by pulse current. <i>Corrosion Science</i> , 2011, 53, 1969-1975.	6.6	12
96	Characterization and electrochemical properties of Ni(Si)/Ni ₅ Si ₂ multiphase coatings prepared by HVOF spraying. <i>Applied Surface Science</i> , 2012, 261, 493-498.	6.1	12
97	Performance of a PEM Fuel Cell Using Electroplated Ni-Mo and Ni-Mo-P Stainless Steel Bipolar Plates. <i>Journal of the Electrochemical Society</i> , 2017, 164, F1427-F1436.	2.9	12
98	Investigation of the corrosion behavior of cathodic arc evaporated stainless steel coating in 3.5% NaCl. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2017, 53, 902-909.	1.1	12
99	Electrophoretic deposition of bioactive glass/zirconia core-shell nanoparticles on Ti6Al4V substrate. <i>Ceramics International</i> , 2021, 47, 34959-34969.	4.8	12
100	Nanosized Mn-Ni oxide thin films via anodic electrodeposition: a study of the correlations between morphology, structure and capacitive behaviour. <i>Electrochimica Acta</i> , 2016, 206, 143-154.	5.2	11
101	Dependence of corrosion properties of AISI 304L stainless steel on the austenite grain size. <i>International Journal of Materials Research</i> , 2017, 108, 552-559.	0.3	11
102	Electrochemical aspects of zinc oxide electrodeposition on Ti6Al4V alloy. <i>Surface and Coatings Technology</i> , 2020, 402, 126297.	4.8	11
103	Influence of feedstock particle size on corrosion resistance of air plasma sprayed NiTi coatings applied to AISI 1045 steel. <i>Surface Engineering</i> , 2010, 26, 478-483.	2.2	9
104	Fabrication and corrosion resistance of HVOF-sprayed Ni ₂ Si intermetallic compound. <i>Applied Surface Science</i> , 2013, 273, 426-431.	6.1	9
105	Corrosion performance and biological properties of electrophoretically deposited bioactive glass-zirconia core-shell composite coating on Ti6Al4V substrate. <i>Surface and Coatings Technology</i> , 2022, 434, 128209.	4.8	9
106	Microstructure formation and properties of HVOF sprayed NiTi coatings prepared from amorphous/nanocrystalline NiTi powders. <i>Surface Engineering</i> , 2010, 26, 491-496.	2.2	8
107	Corrosion Inhibition of 2205 Duplex Stainless Steel in Acetic Acid Solution by Nitrite Anions. <i>Corrosion</i> , 2010, 66, 075002-075002-8.	1.1	8
108	Effect of heat treatment on tribocorrosion of nanostructure Ni-P coatings. <i>Surface Engineering</i> , 2013, 29, 671-676.	2.2	8

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109	Tailoring the pseudocapacitive behavior of electrochemically deposited manganese-nickel oxide films. <i>Electrochimica Acta</i> , 2016, 190, 636-647.	5.2	8
110	Synergistic effect of W incorporation and pulsed current mode on wear and tribocorrosion resistance of coatings grown by plasma electrolytic oxidation on 7075 Al alloy. <i>Materials Research Express</i> , 2019, 6, 106502.	1.6	8
111	A novel approach toward attachment of graphene oxide on copper using electrochemical grafting of an organic interlayer with enhanced corrosion performance. <i>Progress in Organic Coatings</i> , 2021, 154, 106185.	3.9	8
112	Porosity tailoring of electrophoretically derived zirconia coatings using acidic and alkaline-based sol-gel post-treatment to enhance anti-corrosion performance. <i>Surface and Coatings Technology</i> , 2021, 425, 127692.	4.8	8
113	The effect of \hat{I}^3 -fiber texture intensity of carbon steel substrate on zinc hetero-epitaxial growth. <i>Surface and Coatings Technology</i> , 2006, 201, 3116-3122.	4.8	7
114	Texture and Surface Morphology Development in Zinc and Zinc-Cobalt Electrodeposits. <i>Journal of the Electrochemical Society</i> , 2008, 155, D783.	2.9	7
115	Application of homogenization heat treatments to improve continuous-annealing furnace roller fractures. <i>Engineering Failure Analysis</i> , 2009, 16, 1720-1726.	4.0	7
116	CHARACTERIZATION OF NANOCRYSTALLINE NICKEL-COBALT ALLOYS SYNTHESIZED BY DIRECT AND PULSE ELECTRODEPOSITION. <i>International Journal of Modern Physics B</i> , 2014, 28, 1450043.	2.0	7
117	Tribocorrosion Behavior of Overlay Welded Super Duplex Stainless Steel in Chloride Medium. <i>Journal of Bio- and Tribo-Corrosion</i> , 2015, 1, 1.	2.6	7
118	Effects of Pulse Current Mode on Plasma Electrolytic Oxidation of 7075 Al in KMnO_4 -Containing Solution. <i>Journal of the Electrochemical Society</i> , 2017, 164, C690-C698.	2.9	7
119	Failure of a continuous-annealing furnace roller at Mobarakeh Steel Company. <i>Engineering Failure Analysis</i> , 2008, 15, 856-862.	4.0	6
120	The effect of chromated and organic layers on corrosion resistance of galvanized steel sheets. <i>Progress in Organic Coatings</i> , 2008, 62, 61-64.	3.9	6
121	Passivation Behavior of Carbon Steel in Hydrogen Sulfide-Containing Diethanolamine and Diglycolamine Solutions. <i>Corrosion</i> , 2009, 65, 595-600.	1.1	6
122	SYNTHESIS OF AMORPHOUS/NANOCRYSTALLINE Ni-Ti POWDERS BY USING LOW ENERGY MECHANICAL ALLOYING. <i>International Journal of Modern Physics B</i> , 2010, 24, 1261-1269.	2.0	6
123	Effects of heat treatment parameters on microstructural changes and corrosion behavior of Al 7075 Alclad alloy. <i>Anti-Corrosion Methods and Materials</i> , 2012, 59, 231-238.	1.5	6
124	Processing and electrochemical characterization of Ni ₂ Si intermetallic compound produced by vacuum sintering. <i>Vacuum</i> , 2013, 90, 1-5.	3.5	6
125	MAGNETIC PROPERTIES OF NANOCRYSTALLINE Fe-Ni ALLOYS SYNTHESIZED BY DIRECT AND PULSE ELECTRODEPOSITION. <i>International Journal of Modern Physics B</i> , 2011, 25, 2031-2038.	2.0	5
126	Corrosion resistance of HVOF-sprayed Ni ₂ Si intermetallic coatings in hot H ₂ SO ₄ medium. <i>Surface and Coatings Technology</i> , 2014, 240, 70-75.	4.8	5

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127	Effects of Surface Morphology on Erosionâ€“Corrosion and Corrosion Resistance of Highly Hydrophobic Nickel-Tungsten Electrodeposited Film. <i>Coatings</i> , 2021, 11, 1084.	2.6	5
128	Preparation of paraffin/silicaâ€“graphene shape-stabilized composite phase change materials for thermal energy storage. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 12846-12856.	2.2	5
129	AFM study of morphological development of zinc electrodeposits. <i>Surface Engineering</i> , 2007, 23, 300-306.	2.2	4
130	The tribocorrosion behavior of Ni-P and Ni-P-ZrO ₂ coatings. <i>Metallic Materials</i> , 2018, 56, 379-387.	0.3	4
131	The effect of electrochemical adsorbates on texture and morphology development during zinc and zincâ€“cobalt electrodepositions. <i>Electrochimica Acta</i> , 2008, 53, 4674-4678.	5.2	3
132	Texture and morphology development in zincâ€“cobalt electrodeposition. <i>Transactions of the Institute of Metal Finishing</i> , 2009, 87, 45-50.	1.3	3
133	Nanoindentation testing of pulse electrodeposited thin zirconia coatings. <i>Surface Engineering</i> , 2013, 29, 726-730.	2.2	3
134	Characterisation and corrosion resistance of Znâ€“Mn coatings electrodeposited from acidic chloride bath. <i>Transactions of the Institute of Metal Finishing</i> , 2014, 92, 115-120.	1.3	3
135	On corrosion behaviour of HVOF sprayed Ni ₃ Si intermetallic powders. <i>Materials Science and Technology</i> , 2014, 30, 481-485.	1.6	3
136	A comparative study on the electrochemical behaviour of amorphous and nanocrystalline cobaltâ€“tungsten electrodeposited coatings. <i>Transactions of the Institute of Metal Finishing</i> , 2014, 92, 253-261.	1.3	3
137	Effect of Molybdate on Corrosion Performance of Oxide Coating Produced on 7075 Al Alloy Using PEO. <i>Coatings</i> , 2022, 12, 184.	2.6	3
138	Nucleation and Growth of Zinc Electrodeposited onto Electropolished and Mechanically Polished Steel Surfaces. <i>Transactions of the Institute of Metal Finishing</i> , 2003, 81, 186-189.	1.3	2
139	PHASE TRANSFORMATIONS DURING HEATING OF AMORPHOUS/NANOCRYSTALLINE Niâ€“Ti POWDERS. <i>International Journal of Modern Physics B</i> , 2010, 24, 1137-1140.	2.0	2
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