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List of Publications by Year
in descending order

49 papers	1,504 citations	516710 16 h-index	345221 36 g-index
49 all docs	49 docs citations	49 times ranked	1406 citing authors

#	Article	IF	Citations
1	Investigation of Electrochemical Parameters on Cost-Effective Zn/Ni-Based Electrocatalysts for Electrochemical CO₂ Reduction Reaction to SYNGAS(H₂+CO). Journal of the Electrochemical Society, 2022, 169, 044519.	2.9	2
2	Microstructure, phase compositions and mechanical properties of slip cast sintered SiC/Si3N4 composites. Ceramics International, 2021, 47, 13173-13180.	4.8	7
3	Effect of additives on slip casting rheology, microstructure and mechanical properties of Si3N4/SiC composites. Ceramics International, 2020, 46, 6182-6190.	4.8	13
4	Nanomaterials for cathodic protection of metals. , 2020, , 9-18.		1
5	Synthesis and characterization of metal ion end capped nanocontainer loaded with duo green corrosion inhibitors. Journal of Materials Research and Technology, 2020, 9, 8350-8354.	5.8	13
6	Transport Modelling of Multi-Phase Fluid Flow in Porous Media for Enhanced Oil Recovery. Defect and Diffusion Forum, 2020, 400, 38-44.	0.4	2
7	Highly efficient photocatalytic performance of dye-sensitized K-doped ZnO nanotapers synthesized by a facile one-step electrochemical method for quantitative hydrogen generation. Journal of Solid State Electrochemistry, 2020, 24, 1599-1606.	2.5	50
8	Application of carboxylic acid-functionalized of graphene oxide for electrochemical simultaneous determination of tryptophan and tyrosine in milk. SN Applied Sciences, 2020, 2, 1.	2.9	17
9	Investigation of CO2 electrochemical reduction to syngas on Zn/Ni-based electrocatalysts using the cyclic voltammetry method. Electrochimica Acta, 2020, 341, 135976.	5.2	23
10	Influence of temperature and potential range on Zn-Ni deposition properties formed by cyclic voltammetry electrodeposition in chloride bath solution. Corrosion Reviews, 2020, 38, 127-136.	2.0	8
11	Corrosion protection at the nanoscale. , 2020, , 3-7.		3
12	The effect of reaction temperature on the formation of 2H-SiC and 3C-SiC nanowhiskers. Engineering Solid Mechanics, 2020, , 381-388.	1.2	2
13	Container-based smart nanocoatings for corrosion protection. , 2020, , 403-421.		3
14	The Effect of Friction Coefficient in Thermal Analysis of Friction Stir Welding (FSW). IOP Conference Series: Materials Science and Engineering, 2019, 495, 012102.	0.6	14
15	Smart anticorrosive coatings containing corrosion inhibitorâ€“loaded halloysite nanotubes. , 2019, , 425-447.		5
16	Synthesis and characterization of a novel CNT-FeNi₃/DFNS/Cu(<scp>ii</scp>) magnetic nanocomposite for the photocatalytic degradation of tetracycline in wastewater. RSC Advances, 2019, 9, 35022-35032.	3.6	15
17	Influence of deposition temperature on the corrosion resistance of electrodeposited zincâ€nickel alloy coatings. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 472-482.	0.9	8
18	Investigation on Simultaneous Effects of Shot Peen and Austenitizing Time and Temperature on Grain Size and Microstructure of Austenitic Manganese Steel (Hadfield). IOP Conference Series: Materials Science and Engineering, 2018, 328, 012006.	0.6	1

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19	Influence of Heat Treatment on the Corrosion of Carbon Steel in Environment Containing Carbon Dioxide and Acetic Acid. IOP Conference Series: Materials Science and Engineering, 2018, 370, 012039.	0.6	4
20	Corrosion Investigation of Commercially Available Linepipe Steel in CO2 Environment. International Journal of Engineering and Technology(UAE), 2018, 7, 15.	0.3	0
21	Physical and mechanical properties of heat affected zone of dissimilar welds between duplex stainless steel and low carbon steel. AIP Conference Proceedings, 2018, , .	0.4	1
22	Dissimilar Friction Stir Welding of Carbon Steel and Stainless Steel: Some Observation on Microstructural Evolution and Stress Corrosion Cracking Performance. Transactions of the Indian Institute of Metals, 2018, 71, 2553-2564.	1.5	10
23	Three Separated Growth Sequences of Vertically-Aligned Carbon Nanotubes on Porous Silicon: Field Emission Applications. International Journal of Electrochemical Science, 2018, 13, 9742-9748.	1.3	25
24	Laboratory investigation on the condensation and corrosion rates of top of line corrosion in carbon steel: a case study from pipeline transporting wet gas in elevated temperature. Corrosion Engineering Science and Technology, 2018, 53, 444-448.	1.4	9
25	Iridium Oxide pH Sensor Based on Stainless Steel Wire for pH Mapping on Metal Surface. IOP Conference Series: Materials Science and Engineering, 2018, 328, 012014.	0.6	5
26	Assessment of immobilized cell reactor and microbial fuel cell for simultaneous cheese whey treatment and lactic acid/electricity production. International Journal of Hydrogen Energy, 2017, 42, 9107-9115.	7.1	29
27	Nitriding of Duplex Stainless Steel for Reduction Corrosion and Wear. Topics in Mining, Metallurgy and Materials Engineering, 2017, , 225-234.	1.6	0
28	A Review of Friction Stir Welding Pin Profile. Lecture Notes in Mechanical Engineering, 2017, , 1-18.	0.4	16
29	Halloysite nanotubes as nanocontainer for smart coating application: A review. Progress in Organic Coatings, 2017, 111, 175-185.	3.9	203
30	Development of Iridium Oxide Sensor for Surface pH Measurement of a Corroding Metal under Deposit. International Journal of Electrochemical Science, 2017, 12, 9933-9943.	1.3	44
31	Reviews on Corrosion Inhibitors: A Short View. Chemical Engineering Communications, 2016, 203, 1145-1156.	2.6	239
32	Surface pH Measurement during CO₂ Corrosion by an IrOx pH Probe. Advanced Materials Research, 2016, 1133, 381-385.	0.3	2
33	Acetylation of oil palm empty fruit bunch fiber as an adsorbent for removal of crude oil. Environmental Science and Pollution Research, 2016, 23, 11740-11750.	5.3	20
34	Photoelectrochemical behavior of bimetallic Cuâ€“Ni and monometallic Cu, Ni doped TiO2 for hydrogen production. International Journal of Hydrogen Energy, 2015, 40, 14031-14038.	7.1	50
35	Acetylation of corn silk and its application for oil sorption. Fibers and Polymers, 2015, 16, 1830-1835.	2.1	28
36	Modeling the tensile stressâ€“strain response of carbon nanotube/polypropylene nanocomposites using nonlinear representative volume element. Materials & Design, 2014, 58, 36-42.	5.1	56

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37	Electrodeposition of Iridium Oxide by Cyclic Voltammetry: Application of Response Surface Methodology. MATEC Web of Conferences, 2014, 13, 04024.	0.2	1
38	Growth of Vertically Aligned ZnO Nanorods Arrays by Hydrothermal Method. Advanced Materials Research, 2013, 795, 616-619.	0.3	5
39	Numerical investigation and comparison with experimental characterisation of side gate p-type junctionless silicon transistor in pinch-off state. Micro and Nano Letters, 2012, 7, 981-985.	1.3	12
40	Controlling the shape and gap width of silicon electrodes using local anodic oxidation and anisotropic TMAH wet etching. Semiconductor Science and Technology, 2012, 27, 065001.	2.0	40
41	The effects of polypropylene fibers on the properties of reinforced concrete structures. Construction and Building Materials, 2012, 27, 73-77.	7.2	286
42	The corrosion investigation of rebar embedded in the fibers reinforced concrete. Construction and Building Materials, 2012, 35, 564-570.	7.2	120
43	Optimisation of nanooxide mask fabricated by atomic force microscopy nanolithography: a response surface methodology application. Micro and Nano Letters, 2012, 7, 325.	1.3	42
44	Corrosion Investigation of Pipeline Steel in Hydrogen Sulfide Containing Solutions. Journal of Applied Sciences, 2012, 12, 2454-2458.	0.3	4
45	Corrosion behavior of ZrO2â€“SiO2â€“Al2O3 refractories in lead silicate glass melts. Journal of the European Ceramic Society, 2011, 31, 715-721.	5.7	14
46	Fabrication of nanogap electrodes via nano-oxidation mask by scanning probe microscopy nanolithography. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2011, 10, 043002.	0.9	38
47	Esterification of Corn Silk Fiber to Improve Oil Absorbency. Advanced Materials Research, 0, 1133, 552-556.	0.3	7
48	Formation of Nano-Scale FeCO₃ Protective Corrosion Product in Carbon Dioxide-Saturated 3% Sodium Chloride Solution. Key Engineering Materials, 0, 740, 3-8.	0.4	6
49	Investigation of Zn/Ni-Based Electrocatalysts for Electrochemical Conversion of CO2 to SYNGAS. , 0, , .		1