

omnia El said shehata

List of Publications by Year in descending order

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19
papers

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citations

1163117

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docs citations

19
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272
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of anodization and bovine serum albumin on the degradation of new AXJ-magnesium alloy system as a bioabsorbable orthopedic implant. <i>Journal of Electroanalytical Chemistry</i> , 2022, 918, 116458.	3.8	5
2	Corrosion behavior of aluminum-Fiber Glass composite fabricated through surface mechanical alloying in alkaline media. <i>Physica Scripta</i> , 2021, 96, 065002.	2.5	2
3	Insight into the Electrochemical and Semiconducting Properties of Native Oxide Films on Ti Metal and Its Ti-6Al-4V Alloy in Borate Buffer Solutions. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2020, 56, 333-342.	1.1	6
4	Impact of RGO on electrical and dielectric properties of Co ₃ O ₄ /RGO nanocomposite. <i>Materials Research Express</i> , 2019, 6, 105039.	1.6	9
5	Electrochemical behavior of Al ₂ O ₃ /Al composite coated Al electrodes through surface mechanical alloying in alkaline media. <i>Current Applied Physics</i> , 2019, 19, 388-393.	2.4	5
6	The Photoactivity and Electrochemical Behavior of Porous Titania (TiO ₂) in Simulated Saliva for Dental Implant Application. <i>Silicon</i> , 2019, 11, 2353-2363.	3.3	1
7	Synthesis and Characterization of Polyaniline/Mn ₃ O ₄ /Reduced Graphene Oxide Nanocomposite. <i>Egyptian Journal of Chemistry</i> , 2019, .	0.2	1
8	Relevant aspects in the stability performance of different anodic alumina (AAO) films in aqueous sulfate solutions. <i>Journal of Electroanalytical Chemistry</i> , 2017, 792, 95-103.	3.8	8
9	Electrochemical Characterization of Nickel in Oxalic Acid Solutions and the Effect of Halides and Azide Ions Additions on Its Behavior. <i>International Journal of Electrochemical Science</i> , 2017, , 9378-9397.	1.3	5
10	Effect of Acetamide Derivative and its Mn-Complex as Corrosion Inhibitor for Mild Steel in sulphuric Acid. <i>Egyptian Journal of Chemistry</i> , 2017, .	0.2	3
11	Study the corrosion behavior of both first and second anodized aluminum surfaces electrolytically colored by nickel and tin. <i>Surfaces and Interfaces</i> , 2016, 1-3, 1-6.	3.0	3
12	Effect of various de-anodizing techniques on the surface stability of non-colored and colored nanoporous AAO films in acidic solution. <i>Applied Surface Science</i> , 2015, 359, 939-947.	6.1	14
13	Degradation behaviour of AZ80E magnesium alloy exposed to phosphate buffer saline medium. <i>Corrosion Science</i> , 2014, 86, 285-294.	6.6	32
14	Influence of cerium (III) ions on corrosion and hydrogen evolution of carbon steel in acid solutions. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 19219-19230.	7.1	23
15	Enhanced corrosion resistance of magnesium alloy AM60 by cerium(III) in chloride solution. <i>Corrosion Science</i> , 2012, 56, 86-95.	6.6	61
16	Impact of chloride and fluoride additions on surface reactivity and passivity of AM60 magnesium alloy in buffer solution. <i>Corrosion Science</i> , 2012, 64, 153-163.	6.6	28
17	Investigation on the corrosion and hydrogen evolution for AZ91D magnesium alloy in single and anion-containing oxalate solutions. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 84-94.	7.1	32
18	Effects of Nb and Cr on the Corrosion Characterization of Al-Containing Transformation-Induced Plasticity Steels in Neutral Chloride Solutions. <i>Corrosion</i> , 2011, 67, 095006-095006-9.	1.1	1

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19	Influence of chloride ion concentration on the corrosion behavior of Al-bearing TRIP steels. Materials Chemistry and Physics, 2011, 130, 743-749.	4.0	31