

Dorota Babilas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6800229/publications.pdf>

Version: 2024-02-01

20
papers

234
citations

1040056

9
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	New resorbable Ca-Mg-Zn-Yb-B-Au alloys: Structural and corrosion resistance characterization. <i>Materials and Design</i> , 2022, 213, 110327.	7.0	8
2	Recovery of the N,N-Dibutylimidazolium Chloride Ionic Liquid from Aqueous Solutions by Electrodialysis Method. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6472.	4.1	4
3	The application of electrodialysis in synthesis of oligoglycerols from glycerol and epichlorohydrin via Williamson reaction. <i>Separation and Purification Technology</i> , 2021, 255, 117716.	7.9	1
4	Electrodialysis enhanced with disodium EDTA as an innovative method for separating Cu(II) ions from zinc salts in wastewater. <i>Chemical Engineering Journal</i> , 2021, 408, 127908.	12.7	16
5	Study on the Effectiveness of Simultaneous Recovery and Concentration of 1-Ethyl-3-methylimidazolium Chloride Ionic Liquid by Electrodialysis with Heterogeneous Ion-Exchange Membranes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13014.	4.1	2
6	Zinc salt recovery from electroplating industry wastes by electrodialysis enhanced with complex formation. <i>Separation Science and Technology</i> , 2020, 55, 2250-2258.	2.5	11
7	Effect of Au addition on the corrosion activity of Ca-Mg-Zn bulk metallic glasses in Ringer's solution. <i>Materials Chemistry and Physics</i> , 2019, 226, 51-58.	4.0	8
8	Study on the electro-dialytic nickel concentration from electroplating industry waste. <i>Separation Science and Technology</i> , 2018, 53, 1241-1248.	2.5	10
9	Selective zinc recovery from electroplating wastewaters by electrodialysis enhanced with complex formation. <i>Separation and Purification Technology</i> , 2018, 192, 419-428.	7.9	71
10	Preparation of Triglycerol from Glycerol and Epichlorohydrin at Room Temperature: Synthesis Optimization and Toxicity Studies. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13208-13216.	6.7	10
11	Structural and electrochemical characterization of the Ca ₅₀ Mg ₂₀ Cu ₂₅ Zn ₅ amorphous alloy. <i>Journal of Non-Crystalline Solids</i> , 2017, 471, 467-475.	3.1	4
12	Study on corrosion behavior of Mg-based bulk metallic glasses in NaCl solution. <i>Electrochimica Acta</i> , 2016, 209, 632-642.	5.2	27
13	On the electropolishing and anodic oxidation of Ti-15Mo alloy. <i>Electrochimica Acta</i> , 2016, 205, 256-265.	5.2	32
14	Structure and Corrosion Resistance of Ca ₅₀ Mg ₂₀ Cu ₃₀ Bulk Metallic Glasses. <i>Journal of Materials Engineering and Performance</i> , 2015, 24, 167-174.	2.5	12
15	Plasma electrolytic oxidation of a Ti-15Mo alloy in silicate solutions. <i>Materials Letters</i> , 2013, 100, 252-256.	2.6	11
16	Influence of Electrolytic Polishing and Anodic Passivation on Corrosion Resistance of Ti-15Mo Alloy. <i>Solid State Phenomena</i> , 0, 227, 499-502.	0.3	1
17	Structure and Corrosion Behavior of Mg-Cu-Y-(Zn,Ni) Bulk Metallic Glasses. <i>Solid State Phenomena</i> , 0, 227, 23-26.	0.3	0
18	The effectiveness of nickel recovery from spent electroplating baths by electrodialysis. , 0, 64, 233-236.		2

#	ARTICLE	IF	CITATIONS
19	Transport of selected transition metal ions across heterogeneous membranes in ED enhanced with complex formation. , 0, 64, 237-243.		3
20	The effectiveness of imidazolium ionic liquid concentration by electrodialysis with heterogeneous and homogeneous ion-exchange membranes. , 0, 241, 350-358.		1