

Dorota Babilas

List of Publications by Year in descending order

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20
docs citations

20
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective zinc recovery from electroplating wastewaters by electro dialysis enhanced with complex formation. Separation and Purification Technology, 2018, 192, 419-428.	7.9	71
2	On the electropolishing and anodic oxidation of Ti-15Mo alloy. Electrochimica Acta, 2016, 205, 256-265.	5.2	32
3	Study on corrosion behavior of Mg-based bulk metallic glasses in NaCl solution. Electrochimica Acta, 2016, 209, 632-642.	5.2	27
4	Electrodialysis enhanced with disodium EDTA as an innovative method for separating Cu(II) ions from zinc salts in wastewater. Chemical Engineering Journal, 2021, 408, 127908.	12.7	16
5	Structure and Corrosion Resistance of Ca ₅₀ Mg ₂₀ Cu ₃₀ Bulk Metallic Glasses. Journal of Materials Engineering and Performance, 2015, 24, 167-174.	2.5	12
6	Plasma electrolytic oxidation of a Ti-15Mo alloy in silicate solutions. Materials Letters, 2013, 100, 252-256.	2.6	11
7	Zinc salt recovery from electroplating industry wastes by electro dialysis enhanced with complex formation. Separation Science and Technology, 2020, 55, 2250-2258.	2.5	11
8	Study on the electro dialytic nickel concentration from electroplating industry waste. Separation Science and Technology, 2018, 53, 1241-1248.	2.5	10
9	Preparation of Triglycerol from Glycerol and Epichlorohydrin at Room Temperature: Synthesis Optimization and Toxicity Studies. ACS Sustainable Chemistry and Engineering, 2018, 6, 13208-13216.	6.7	10
10	Effect of Au addition on the corrosion activity of Ca-Mg-Zn bulk metallic glasses in Ringer's solution. Materials Chemistry and Physics, 2019, 226, 51-58.	4.0	8
11	New resorbable Ca-Mg-Zn-Yb-B-Au alloys: Structural and corrosion resistance characterization. Materials and Design, 2022, 213, 110327.	7.0	8
12	Structural and electrochemical characterization of the Ca ₅₀ Mg ₂₀ Cu ₂₅ Zn ₅ amorphous alloy. Journal of Non-Crystalline Solids, 2017, 471, 467-475.	3.1	4
13	Recovery of the N,N-Dibutylimidazolium Chloride Ionic Liquid from Aqueous Solutions by Electro dialysis Method. International Journal of Molecular Sciences, 2022, 23, 6472.	4.1	4
14	Transport of selected transition metal ions across heterogeneous membranes in ED enhanced with complex formation. , 0, 64, 237-243.		3
15	The effectiveness of nickel recovery from spent electroplating baths by electro dialysis. , 0, 64, 233-236.		2
16	Study on the Effectiveness of Simultaneous Recovery and Concentration of 1-Ethyl-3-methylimidazolium Chloride Ionic Liquid by Electro dialysis with Heterogeneous Ion-Exchange Membranes. International Journal of Molecular Sciences, 2021, 22, 13014.	4.1	2
17	Influence of Electrolytic Polishing and Anodic Passivation on Corrosion Resistance of Ti-15Mo Alloy. Solid State Phenomena, 0, 227, 499-502.	0.3	1
18	The application of electro dialysis in synthesis of oligoglycerols from glycerol and epichlorohydrin via Williamson reaction. Separation and Purification Technology, 2021, 255, 117716.	7.9	1

#	ARTICLE	IF	CITATIONS
19	The effectiveness of imidazolium ionic liquid concentration by electro dialysis with heterogeneous and homogeneous ion-exchange membranes. , 0, 241, 350-358.		1
20	Structure and Corrosion Behavior of Mg-Cu-Y-(Zn,Ni) Bulk Metallic Glasses. Solid State Phenomena, 0, 227, 23-26.	0.3	0