

Cristina Palet

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

402
citations

1163117

8
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

579
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of biochars derived from different types of feedstock and their potential for heavy metal removal in multiple-metal solutions. <i>Scientific Reports</i> , 2019, 9, 9869.	3.3	112
2	Enhancement of selective adsorption of Cr species via modification of pine biomass. <i>Science of the Total Environment</i> , 2021, 756, 143816.	8.0	52
3	Synthesis and adsorption behavior of mesoporous alumina and Fe-doped alumina for the removal of dominant arsenic species in contaminated waters. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102901.	6.7	50
4	Bioseparation of Pb(II) and Cd(II) from aqueous solution using cork waste biomass. Modeling and optimization of the parameters of the biosorption step. <i>Chemical Engineering Journal</i> , 2011, 174, 9-17.	12.7	45
5	Comparative study of hybrid and activated composite membranes containing Aliquat 336 for the transport of Pt(IV). <i>Journal of Membrane Science</i> , 2008, 311, 235-242.	8.2	32
6	Valorization of keratin biofibers for removing heavy metals from aqueous solutions. <i>Textile Research Journal</i> , 2019, 89, 1153-1165.	2.2	22
7	Pre-concentration of Uranium (VI) using bulk liquid and supported liquid membrane systems optimized containing bis(2-ethylhexyl) phosphoric acid as carrier in low concentrations. <i>Separation and Purification Technology</i> , 2013, 120, 172-179.	7.9	16
8	Use of Chemically Treated Human Hair Wastes for the Removal of Heavy Metal Ions from Water. <i>Water (Switzerland)</i> , 2020, 12, 1263.	2.7	11
9	Metal affinity liquid membrane. <i>Analytica Chimica Acta</i> , 2000, 403, 101-115.	5.4	9
10	Selective transport of platinum(IV) and palladium(II) through hybrid and activated composite membranes containing Aliquat 336. <i>Desalination</i> , 2006, 200, 100-102.	8.2	8
11	Doehlert experimental design as a tool to study liquid-liquid systems for the recovery of Uranium (VI) traces. <i>Separation and Purification Technology</i> , 2013, 118, 399-405.	7.9	8
12	Cellular strategies against metal exposure and metal localization patterns linked to phosphorus pathways in <i>Ochrobactrum anthropi</i> DE2010. <i>Journal of Hazardous Materials</i> , 2021, 402, 123808.	12.4	8
13	Disposal of wooden wastes used as heavy metal adsorbents as components of building bricks. <i>Journal of Building Engineering</i> , 2021, 40, 102371.	3.4	6
14	Composite Electrodes Based on Carbon Materials Decorated with Hg Nanoparticles for the Simultaneous Detection of Cd(II), Pb(II) and Cu(II). <i>Chemosensors</i> , 2022, 10, 148.	3.6	6
15	Near infrared spectroscopy: A novel technique for classifying and characterizing polysulfone membranes. <i>Journal of Membrane Science</i> , 2007, 300, 122-130.	8.2	5
16	Evaluation of low-cost geo-adsorbents for As(V) removal. <i>Environmental Technology and Innovation</i> , 2021, 21, 101341.	6.1	4
17	Coffee Husk and Lignin Revalorization: Modification with Ag Nanoparticles for Heavy Metals Removal and Antifungal Assays. <i>Water (Switzerland)</i> , 2022, 14, 1796.	2.7	4
18	Insights of microorganisms role in rice and rapeseed wastes as potential sorbents for metal removal. <i>International Journal of Environmental Science and Technology</i> , 0, , 1.	3.5	3

#	ARTICLE	IF	CITATIONS
19	Customized In Situ Functionalization of Nanodiamonds with Nanoparticles for Composite Carbon-Paste Electrodes. <i>Nanomaterials</i> , 2020, 10, 1179.	4.1	1
20	Tunable Electrochemical Sensors Based on Carbon Nanocomposite Materials towards Enhanced Determination of Cadmium, Lead and Copper in Water. <i>Chemistry Proceedings</i> , 2021, 5, .	0.1	0