

Hary Demey

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

632
citations

623188

14
h-index

642321

23
g-index

23
all docs

23
docs citations

23
times ranked

804
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel algal-based sorbent for heavy metal removal. <i>Chemical Engineering Journal</i> , 2018, 332, 582-595.	6.6	157
2	Boron recovery from seawater with a new low-cost adsorbent material. <i>Chemical Engineering Journal</i> , 2014, 254, 463-471.	6.6	55
3	Sorption and Desorption Studies of Pb(II) and Ni(II) from Aqueous Solutions by a New Composite Based on Alginate and Magadiite Materials. <i>Polymers</i> , 2019, 11, 340.	2.0	46
4	Cadmium removal by a low-cost magadiite-based material: Characterization and sorption applications. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5351-5360.	3.3	44
5	A potential lignocellulosic biomass based on banana waste for critical rare earths recovery from aqueous solutions. <i>Environmental Pollution</i> , 2020, 264, 114409.	3.7	44
6	Evaluation of torrefied poplar-biomass as a low-cost sorbent for lead and terbium removal from aqueous solutions and energy co-generation. <i>Chemical Engineering Journal</i> , 2019, 361, 839-852.	6.6	40
7	Neodymium Recovery by Chitosan/Iron(III) Hydroxide [ChiFer(III)] Sorbent Material: Batch and Column Systems. <i>Polymers</i> , 2018, 10, 204.	2.0	32
8	Boron Removal from Aqueous Solutions by Using a Novel Alginate-Based Sorbent: Comparison with Al ₂ O ₃ Particles. <i>Polymers</i> , 2019, 11, 1509.	2.0	31
9	Sorption of Hg(II) and Pb(II) Ions on Chitosan-Iron(III) from Aqueous Solutions: Single and Binary Systems. <i>Polymers</i> , 2018, 10, 367.	2.0	30
10	High phosphate removal using La(OH) ₃ loaded chitosan based composites and mechanistic study. <i>Journal of Environmental Sciences</i> , 2021, 106, 105-115.	3.2	27
11	Sorption of his-tagged Protein G and Protein G onto chitosan/divalent metal ion sorbent used for detection of microcystin-LR. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15-24.	2.7	20
12	Antimony Removal from Water by a Chitosan-Iron(III) [ChiFer(III)] Biocomposite. <i>Polymers</i> , 2019, 11, 351.	2.0	20
13	A Nafion Film Cover to Enhance the Analytical Performance of the CuO/Cu Electrochemical Sensor for Determination of Chemical Oxygen Demand. <i>Sensors</i> , 2019, 19, 669.	2.1	20
14	Recovery of Neodymium (III) from Aqueous Phase by Chitosan-Manganese-Ferrite Magnetic Beads. <i>Nanomaterials</i> , 2020, 10, 1204.	1.9	16
15	Metalotioneinas en bivalvos marinos. <i>Latin American Journal of Aquatic Research</i> , 2016, 44, 202-215.	0.2	12
16	Electrochemical generation of arsenic volatile species using a gold/mercury amalgam cathode. Determination of arsenic by atomic absorption spectrometry. <i>Analytical Chemistry Research</i> , 2015, 3, 82-88.	2.0	11
17	Removal of Zinc from Aqueous Solutions Using Lamellar Double Hydroxide Materials Impregnated with Cyanex 272: Characterization and Sorption Studies. <i>Molecules</i> , 2020, 25, 1263.	1.7	6
18	Niveles de mercurio en sedimentos de la zona costera de El Oro, Ecuador. <i>Gayana</i> , 2016, 80, 147-153.	0.0	5

#	ARTICLE	IF	CITATIONS
19	Upscaling Severe Torrefaction of Agricultural Residues to Produce Sustainable Reducing Agents for Non-Ferrous Metallurgy. <i>Metals</i> , 2021, 11, 1905.	1.0	5
20	Energy requirements to produce fine powders of raw and torrefied wood at pilot scale, and characterization of their flowability. <i>Biomass and Bioenergy</i> , 2021, 152, 106196.	2.9	3
21	MECANISMO DE GELATINIZACIÓN DEL ALMIDÓN NATIVO DE BANANO EXPORTABLE DEL ECUADOR. <i>Revista Colombiana De Quimica</i> , 2016, 44, 16-21.	0.2	3
22	MERCURIO EN RAÍCES REAS Y ABSORBENTES DE <i>Rhizophora mangle</i> L. LOCALIZADA EN EL LITORAL COSTERO DE LA PROVINCIA DE EL ORO, ECUADOR. <i>Revista Internacional De Contaminacion Ambiental</i> , 2019, 35, 807-814.	0.1	3
23	Valorization of cocoa's mucilage waste to ethanol and subsequent direct catalytic conversion into ethylene. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 2171-2178.	1.6	2