

Hary Demey

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

632
citations

623734
14
h-index

642732
23
g-index

23
all docs

23
docs citations

23
times ranked

804
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | 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. | 3.2 | 2 |
| 2 | High phosphate removal using La(OH) ₃ loaded chitosan based composites and mechanistic study. <i>Journal of Environmental Sciences</i> , 2021, 106, 105-115. | 6.1 | 27 |
| 3 | 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. | 5.7 | 3 |
| 4 | Upscaling Severe Torrefaction of Agricultural Residues to Produce Sustainable Reducing Agents for Non-Ferrous Metallurgy. <i>Metals</i> , 2021, 11, 1905. | 2.3 | 5 |
| 5 | A potential lignocellulosic biomass based on banana waste for critical rare earths recovery from aqueous solutions. <i>Environmental Pollution</i> , 2020, 264, 114409. | 7.5 | 44 |
| 6 | Recovery of Neodymium (III) from Aqueous Phase by Chitosan-Manganese-Ferrite Magnetic Beads. <i>Nanomaterials</i> , 2020, 10, 1204. | 4.1 | 16 |
| 7 | 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. | 3.8 | 6 |
| 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. | 4.5 | 31 |
| 9 | Antimony Removal from Water by a Chitosan-Iron(III) [ChiFer(III)] Biocomposite. <i>Polymers</i> , 2019, 11, 351. | 4.5 | 20 |
| 10 | 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. | 4.5 | 46 |
| 11 | 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. | 3.8 | 20 |
| 12 | 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. | 12.7 | 40 |
| 13 | MERCURIO EN RAÍCES DE 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. | 0.4 | 3 |
| 14 | A novel algal-based sorbent for heavy metal removal. <i>Chemical Engineering Journal</i> , 2018, 332, 582-595. | 12.7 | 157 |
| 15 | Neodymium Recovery by Chitosan/Iron(III) Hydroxide [ChiFer(III)] Sorbent Material: Batch and Column Systems. <i>Polymers</i> , 2018, 10, 204. | 4.5 | 32 |
| 16 | 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. | 4.5 | 30 |
| 17 | Cadmium removal by a low-cost magadiite-based material: Characterization and sorption applications. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5351-5360. | 6.7 | 44 |
| 18 | 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. | 5.3 | 20 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Niveles de mercurio en sedimentos de la zona costera de El Oro, Ecuador. Gayana, 2016, 80, 147-153. | 0.1 | 5 |
| 20 | MECANISMO DE GELATINIZACIÓN DEL ALMIDÓN NATIVO DE BANANO EXPORTABLE DEL ECUADOR. Revista Colombiana De Química, 2016, 44, 16-21. | 0.4 | 3 |
| 21 | Metalotioneinas en bivalvos marinos. Latin American Journal of Aquatic Research, 2016, 44, 202-215. | 0.6 | 12 |
| 22 | Electrochemical generation of arsenic volatile species using a gold/mercury amalgam cathode. Determination of arsenic by atomic absorption spectrometry. Analytical Chemistry Research, 2015, 3, 82-88. | 2.0 | 11 |
| 23 | Boron recovery from seawater with a new low-cost adsorbent material. Chemical Engineering Journal, 2014, 254, 463-471. | 12.7 | 55 |