

Lucie Coudert

List of Publications by Year in descending order

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37
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37
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587
citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery of indium from acidic leach solutions of spent LCD panels using ion exchange. Hydrometallurgy, 2022, 210, 105845.	1.8	14
2	Recovery potential of rare earth elements from mining and industrial residues: A review and cases studies. Journal of Geochemical Exploration, 2021, 221, 106699.	1.5	80
3	Copper extraction and recovery from alkaline copper quaternary and copper azole treated wood using sulfuric acid leaching and ion exchange or electrodeposition. Journal of Cleaner Production, 2021, 279, 123687.	4.6	8
4	Combining Sequential Gaussian Simulation with Linear Regression to Develop Rehabilitation Strategies Using a Hydrometallurgical Process to Simultaneously Remove Metals, PCP, and PCDD/F from a Contaminated Soil. Soil and Sediment Contamination, 2021, 30, 275-291.	1.1	0
5	Electro-Fenton beyond the Degradation of Organics: Treatment of Thiosalts in Contaminated Mine Water. Environmental Science & Technology, 2021, 55, 2564-2574.	4.6	23
6	Bioleaching of Uranium Tailings as Secondary Sources for Rare Earth Elements Production. Minerals (Basel, Switzerland), 2021, 11, 302.	0.8	19
7	Active Treatment of Contaminants of Emerging Concern in Cold Mine Water Using Advanced Oxidation and Membrane-Related Processes: A Review. Minerals (Basel, Switzerland), 2021, 11, 259.	0.8	8
8	Editorial for Special Issue "Reutilization and Valorization of Mine Waste". Minerals (Basel, Switzerland), 2021, 11, 259.	0.8	0
9	Microporous and macroporous materials state-of-the-art of the technologies in zeolitization of aluminosilicate bearing residues from mining and metallurgical industries: A comprehensive review. Microporous and Mesoporous Materials, 2021, 318, 111029.	2.2	15
10	Pre-concentration of fluorite from a rare earth element carbonatite deposit through the combination of magnetic separation and leaching. Minerals Engineering, 2021, 174, 106998.	1.8	7
11	Stabilization and Management of Sulfate-Reducing Bioreactor Residues After Acid Mine Drainage Treatment. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	2
12	Mass balance study of a multistage process for the purification of a fluorspar by-product from a rare earth element carbonatite deposit. Minerals Engineering, 2021, 171, 107122.	1.8	0
13	Behaviour of flotation tailings from a rare earth element deposit at high salinity. Journal of Environmental Management, 2021, 300, 113773.	3.8	0
14	Impact of freeze-thaw on the behaviour of flotation tailings from a rare earth deposit. Applied Geochemistry, 2021, 135, 105106.	1.4	3
15	Effect of the electrocoagulation process on the toxicity of gold mine effluents: A comparative assessment of Daphnia magna and Daphnia pulex. Science of the Total Environment, 2020, 708, 134739.	3.9	13
16	Treatment of As-rich mine effluents and produced residues stability: Current knowledge and research priorities for gold mining. Journal of Hazardous Materials, 2020, 386, 121920.	6.5	39
17	Performance of a Semi-passive Sulfate-reducing Bioreactor for Acid Mine Drainage Treatment and Prediction of Environmental Behavior of Post-treatment Residues. Mine Water and the Environment, 2020, 39, 769-784.	0.9	7
18	Techno-economic assessment of an hydrometallurgical process to simultaneously remove As, Cr, Cu, PCP and PCDD/F from contaminated soil. Journal of Environmental Management, 2020, 263, 110371.	3.8	6

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19	Assessment of the leaching potential of flotation tailings from rare earth mineral extraction in cold climates. <i>Science of the Total Environment</i> , 2020, 732, 139225.	3.9	10
20	Removal and potential recovery of rare earth elements from mine water. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 89, 47-57.	2.9	70
21	Sulfate removal from mine drainage by electrocoagulation as a stand-alone treatment or polishing step. <i>Minerals Engineering</i> , 2020, 152, 106337.	1.8	18
22	Optimized indium solubilization from LCD panels using H ₂ SO ₄ leaching. <i>Waste Management</i> , 2020, 114, 53-61.	3.7	18
23	Geochemical behavior and stabilization of spent sulfate-reducing biofilter mixtures for treatment of acid mine drainage. <i>Science of the Total Environment</i> , 2020, 718, 137394.	3.9	7
24	Removal of Potential Toxic Inorganic and Organic Compounds from Contaminated Soils by Alkaline Leaching with Surfactant. <i>Soil and Sediment Contamination</i> , 2019, 28, 513-527.	1.1	4
25	Influence of Organic Carbon Sources on Metal Removal from Mine Impacted Water Using Sulfate-Reducing Bacteria Bioreactors in Cold Climates. <i>Mine Water and the Environment</i> , 2019, 38, 104-118.	0.9	25
26	Comparison of different interpolation methods and sequential Gaussian simulation to estimate volumes of soil contaminated by As, Cr, Cu, PCP and dioxins/furans. <i>Environmental Pollution</i> , 2019, 252, 409-419.	3.7	22
27	Prediction of physical separation of metals from soils contaminated with municipal solid waste ashes and metallurgical residues. <i>Waste Management</i> , 2019, 93, 138-152.	3.7	5
28	Study of factors involved in the gravimetric separation process to treat soil contaminated by municipal solid waste. <i>Journal of Environmental Management</i> , 2018, 209, 23-36.	3.8	5
29	Performance of Sulfate-reducing Passive Bioreactors for the Removal of Cd and Zn from Mine Drainage in a Cold Climate. <i>Mine Water and the Environment</i> , 2018, 37, 42-55.	0.9	19
30	Treatment technologies used for the removal of As, Cr, Cu, PCP and/or PCDD/F from contaminated soil: A review. <i>Journal of Hazardous Materials</i> , 2017, 333, 194-214.	6.5	79
31	Pilot-Scale Decontamination of Soil Polluted with As, Cr, Cu, PCP, and PCDDF by Attrition and Alkaline Leaching. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, 04017055.	0.7	4
32	Optimizing removal of arsenic, chromium, copper, pentachlorophenol and polychlorodibenzo-dioxins/furans from the 1-4 mm fraction of polluted soil using an attrition process. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 1862-1877.	1.2	3
33	Counter-Current Attrition Process (CCAP) to Remove Metals, Pentachlorophenol (PCP), Dioxins and Furans (PCDDF) from the 1-4-mm Fraction of Contaminated Soil. <i>Soil and Sediment Contamination</i> , 2017, 26, 636-650.	1.1	5
34	Remediation of inorganic contaminants and polycyclic aromatic hydrocarbons from soils polluted by municipal solid waste incineration residues. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1983-1995.	1.2	14
35	Treatment of contaminated soil leachate by precipitation, adsorption and ion exchange. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 977-985.	3.3	30
36	Pilot-scale investigation of the robustness and efficiency of a copper-based treated wood wastes recycling process. <i>Journal of Hazardous Materials</i> , 2013, 261, 277-285.	6.5	15

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37	Optimization of Copper Removal from ACQ-, CA-, and MCQ-Treated Wood Using an Experimental Design Methodology. Journal of Environmental Engineering, ASCE, 2013, 139, 576-587.	0.7	16