

Lucia Rodriguez-Freire

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

533
citations

759233

12
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

710
citing authors

#	ARTICLE	IF	CITATIONS
1	An effort to understand and improve the anaerobic biodegradation of petroleum hydrocarbons: A literature review. <i>International Biodeterioration and Biodegradation</i> , 2021, 157, 105156.	3.9	51
2	Emerging investigator series: entrapment of uranium-phosphorus nanocrystals inside root cells of <i>Tamarix</i> plants from a mine waste site. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 73-85.	3.5	2
3	Studies in Electrokinetic Migration Rates of Dyes in Sand and Clay. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2021, 25, 04020071.	2.0	0
4	Technologies for fractionation of wastewater and resource recovery. , 2020, , 329-354.		6
5	Groundwater restoration following in-situ recovery (ISR) mining of uranium. <i>Applied Geochemistry</i> , 2019, 109, 104418.	3.0	11
6	Effect of bicarbonate and phosphate on arsenic release from mining-impacted sediments in the Cheyenne River watershed, South Dakota, USA. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 456-468.	3.5	25
7	Effect of Calcium on the Bioavailability of Dissolved Uranium(VI) in Plant Roots under Circumneutral pH. <i>Environmental Science & Technology</i> , 2018, 52, 13089-13098.	10.0	32
8	Uranium mobility and accumulation along the Rio Paguete, Jackpile Mine in Laguna Pueblo, NM. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 605-621.	3.5	39
9	Anoxia stimulates microbially catalyzed metal release from Animas River sediments. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 578-585.	3.5	14
10	Post Gold King Mine Spill Investigation of Metal Stability in Water and Sediments of the Animas River Watershed. <i>Environmental Science & Technology</i> , 2016, 50, 11539-11548.	10.0	45
11	Effect of chemical structure on the sonochemical degradation of perfluoroalkyl and polyfluoroalkyl substances (PFASs). <i>Environmental Science: Water Research and Technology</i> , 2016, 2, 975-983.	2.4	57
12	Sonochemical degradation of perfluorinated chemicals in aqueous film-forming foams. <i>Journal of Hazardous Materials</i> , 2016, 317, 275-283.	12.4	56
13	Arsenic remediation by formation of arsenic sulfide minerals in a continuous anaerobic bioreactor. <i>Biotechnology and Bioengineering</i> , 2016, 113, 522-530.	3.3	44
14	BIOGEOCHEMICAL PROCESSES AFFECTING METAL CYCLING ALONG THE ANIMAS RIVER. , 2016, , .		0
15	Adaptation of a Methanogenic Consortium to Arsenite Inhibition. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	4
16	Effect of sound frequency and initial concentration on the sonochemical degradation of perfluorooctane sulfonate (PFOS). <i>Journal of Hazardous Materials</i> , 2015, 300, 662-669.	12.4	67
17	Biomineralization of arsenate to arsenic sulfides is greatly enhanced at mildly acidic conditions. <i>Water Research</i> , 2014, 66, 242-253.	11.3	58
18	Flexible bacterial strains that oxidize arsenite in anoxic or aerobic conditions and utilize hydrogen or acetate as alternative electron donors. <i>Biodegradation</i> , 2012, 23, 133-143.	3.0	17

#	ARTICLE	IF	CITATIONS
19	Mobilization of As, Fe, and Mn from Contaminated Sediment in Aerobic and Anaerobic Conditions: Chemical or Microbiological Triggers?. ACS Earth and Space Chemistry, 0, , .	2.7	5