Liliana Lefticariu

List of Publications by Year
in descending order

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26	868	393982	580395
papers	citations	19 h-index	25 g-index

28	28	28	1206
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A GIS-based model of potential groundwater yield zonation for a sandstone aquifer in the Juye Coalfield, Shangdong, China. Journal of Hydrology, 2018, 557, 434-447.	2.3	72
2	Sulfate reducing bioreactor dependence on organic substrates for remediation of coal-generated acid mine drainage: Field experiments. Applied Geochemistry, 2015, 63, 70-82.	1.4	69
3	Fracture-controlled paleohydrology in a map-scale detachment fold: Insights from the analysis of fluid inclusions in calcite and quartz veins. Journal of Structural Geology, 2009, 31, 1490-1510.	1.0	66
4	Mercury Isotopic Evidence for Multiple Mercury Sources in Coal from the Illinois Basin. Environmental Science & Technology, 2011, 45, 1724-1729.	4.6	66
5	Mineralogic and sulfur isotopic effects accompanying oxidation of pyrite in millimolar solutions of hydrogen peroxide at temperatures from 4 to 150Â°C. Geochimica Et Cosmochimica Acta, 2006, 70, 4889-4905.	1.6	64
6	Performance and microbial community dynamics of a sulfate-reducing bioreactor treating coal generated acid mine drainage. Biodegradation, 2012, 23, 415-429.	1.5	55
7	Formation and Height of the Interconnected Fractures Zone after Extraction of Thick Coal Seams with Weak Overburden in Western China. Mine Water and the Environment, 2017, 36, 59-66.	0.9	43
8	Anoxic pyrite oxidation by water radiolysis products â€" A potential source of biosustaining energy. Earth and Planetary Science Letters, 2010, 292, 57-67.	1.8	42
9	Numerical Simulation of Water Flow from the Coal Seam Floor in a Deep Longwall Mine in China. Mine Water and the Environment, 2016, 35, 243-252.	0.9	37
10	Chemical Forms of Mercury in Pyrite: Implications for Predicting Mercury Releases in Acid Mine Drainage Settings. Environmental Science & Technology, 2018, 52, 10286-10296.	4.6	37
11	Oxygen isotope partitioning during oxidation of pyrite by H2O2 and its dependence on temperature. Geochimica Et Cosmochimica Acta, 2007, 71, 5072-5088.	1.6	34
12	The origin of NO3â˜ and N2 in deep subsurface fracture water of South Africa. Chemical Geology, 2012, 294-295, 51-62.	1.4	33
13	Remediation of coal-mine drainage by a sulfate-reducing bioreactor: A case study from the Illinois coal basin, USA. Applied Geochemistry, 2011, 26, S162-S166.	1.4	31
14	Rare Earth Elements and Yttrium (REY) in coal mine drainage from the Illinois Basin, USA. International Journal of Coal Geology, 2020, 217, 103327.	1.9	29
15	Electron probe microanalysis of major and trace elements in coals and their low-temperature ashes from the Wulantuga and Lincang Ge ore deposits, China. Fuel, 2018, 215, 1-12.	3.4	28
16	Evolution of fluid compartmentalization in a detachment fold complex. Geology, 2005, 33, 69.	2.0	27
17	Spatially Resolved Elemental Analysis, Spectroscopy and Diffraction at the GSECARS Sector at the Advanced Photon Source. Journal of Environmental Quality, 2017, 46, 1158-1165.	1.0	24
18	Post-Chicxulub depositional and diagenetic history of the northwestern Yucatan Peninsula, Mexico. Sedimentary Geology, 2006, 183, 51-69.	1.0	22

#	Article	IF	Citations
19	In situ dynamic monitoring of stress revolution with time and space under coal seam floor during longwall mining. Environmental Earth Sciences, 2016, 75, 1.	1.3	21
20	A Multi-method Approach for Estimating the Failure Depth of Coal Seam Floor in a Longwall Coal Mine in China. Geotechnical and Geological Engineering, 2016, 34, 1267-1281.	0.8	17
21	Trace element partitioning during coal preparation: Insights from U.S. Illinois Basin coals. International Journal of Coal Geology, 2021, 243, 103781.	1.9	13
22	Impacts of detrital nano- and micro-scale particles (dNP) on contaminant dynamics in a coal mine AMD treatment system. Science of the Total Environment, 2017, 575, 941-955.	3.9	12
23	Sulfur Isotope Fractionation as an Indicator of Biogeochemical Processes in an AMD Passive Bioremediation System. Minerals (Basel, Switzerland), 2017, 7, 41.	0.8	11
24	Management of coal processing wastes: studies on an alternate technology for control of sulfate and chloride discharge. International Journal of Coal Science and Technology, 2018, 5, 54-63.	2.7	8
25	Enhanced Immobilization of Arsenic from Acid Mine Drainage by Detrital Clay Minerals. ACS Earth and Space Chemistry, 2019, 3, 2525-2538.	1.2	7
26	Management of coal processing wastes: Studies on an alternate technology for control of sulfate and chloride discharge. , 2017, , 473-483.		0