

# Liliana Lefticariu

## List of Publications by Year in descending order

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26  
papers

868  
citations

393982

19  
h-index

580395

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trace element partitioning during coal preparation: Insights from U.S. Illinois Basin coals. <i>International Journal of Coal Geology</i> , 2021, 243, 103781.	1.9	13
2	Rare Earth Elements and Yttrium (REY) in coal mine drainage from the Illinois Basin, USA. <i>International Journal of Coal Geology</i> , 2020, 217, 103327.	1.9	29
3	Enhanced Immobilization of Arsenic from Acid Mine Drainage by Detrital Clay Minerals. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 2525-2538.	1.2	7
4	A GIS-based model of potential groundwater yield zonation for a sandstone aquifer in the Juye Coalfield, Shangdong, China. <i>Journal of Hydrology</i> , 2018, 557, 434-447.	2.3	72
5	Electron probe microanalysis of major and trace elements in coals and their low-temperature ashes from the Wulantuga and Lincang Ge ore deposits, China. <i>Fuel</i> , 2018, 215, 1-12.	3.4	28
6	Chemical Forms of Mercury in Pyrite: Implications for Predicting Mercury Releases in Acid Mine Drainage Settings. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10286-10296.	4.6	37
7	Management of coal processing wastes: studies on an alternate technology for control of sulfate and chloride discharge. <i>International Journal of Coal Science and Technology</i> , 2018, 5, 54-63.	2.7	8
8	Formation and Height of the Interconnected Fractures Zone after Extraction of Thick Coal Seams with Weak Overburden in Western China. <i>Mine Water and the Environment</i> , 2017, 36, 59-66.	0.9	43
9	Spatially Resolved Elemental Analysis, Spectroscopy and Diffraction at the GSECARS Sector at the Advanced Photon Source. <i>Journal of Environmental Quality</i> , 2017, 46, 1158-1165.	1.0	24
10	Impacts of detrital nano- and micro-scale particles (dNP) on contaminant dynamics in a coal mine AMD treatment system. <i>Science of the Total Environment</i> , 2017, 575, 941-955.	3.9	12
11	Sulfur Isotope Fractionation as an Indicator of Biogeochemical Processes in an AMD Passive Bioremediation System. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 41.	0.8	11
12	Management of coal processing wastes: Studies on an alternate technology for control of sulfate and chloride discharge. , 2017, , 473-483.		0
13	Numerical Simulation of Water Flow from the Coal Seam Floor in a Deep Longwall Mine in China. <i>Mine Water and the Environment</i> , 2016, 35, 243-252.	0.9	37
14	A Multi-method Approach for Estimating the Failure Depth of Coal Seam Floor in a Longwall Coal Mine in China. <i>Geotechnical and Geological Engineering</i> , 2016, 34, 1267-1281.	0.8	17
15	In situ dynamic monitoring of stress revolution with time and space under coal seam floor during longwall mining. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	21
16	Sulfate reducing bioreactor dependence on organic substrates for remediation of coal-generated acid mine drainage: Field experiments. <i>Applied Geochemistry</i> , 2015, 63, 70-82.	1.4	69
17	The origin of NO <sub>3</sub> <sup>-</sup> and N <sub>2</sub> in deep subsurface fracture water of South Africa. <i>Chemical Geology</i> , 2012, 294-295, 51-62.	1.4	33
18	Performance and microbial community dynamics of a sulfate-reducing bioreactor treating coal generated acid mine drainage. <i>Biodegradation</i> , 2012, 23, 415-429.	1.5	55

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19	Mercury Isotopic Evidence for Multiple Mercury Sources in Coal from the Illinois Basin. <i>Environmental Science &amp; Technology</i> , 2011, 45, 1724-1729.	4.6	66
20	Remediation of coal-mine drainage by a sulfate-reducing bioreactor: A case study from the Illinois coal basin, USA. <i>Applied Geochemistry</i> , 2011, 26, S162-S166.	1.4	31
21	Anoxic pyrite oxidation by water radiolysis products – A potential source of biosustaining energy. <i>Earth and Planetary Science Letters</i> , 2010, 292, 57-67.	1.8	42
22	Fracture-controlled paleohydrology in a map-scale detachment fold: Insights from the analysis of fluid inclusions in calcite and quartz veins. <i>Journal of Structural Geology</i> , 2009, 31, 1490-1510.	1.0	66
23	Oxygen isotope partitioning during oxidation of pyrite by H <sub>2</sub> O <sub>2</sub> and its dependence on temperature. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 5072-5088.	1.6	34
24	Mineralogic and sulfur isotopic effects accompanying oxidation of pyrite in millimolar solutions of hydrogen peroxide at temperatures from 4 to 150°C. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 4889-4905.	1.6	64
25	Post-Chicxulub depositional and diagenetic history of the northwestern Yucatan Peninsula, Mexico. <i>Sedimentary Geology</i> , 2006, 183, 51-69.	1.0	22
26	Evolution of fluid compartmentalization in a detachment fold complex. <i>Geology</i> , 2005, 33, 69.	2.0	27