Elena V Lazareva

List of Publications by Year
in descending order

44 papers	569 citations	623734 14 h-index	642732 23 g-index
50 all docs	50 docs citations	50 times ranked	565 citing authors

#	Article	IF	Citations
1	The role of secondary minerals in controlling the migration of arsenic and metals from high-sulfide wastes (Berikul gold mine, Siberia). Applied Geochemistry, 2003, 18, 1347-1359.	3.0	144
2	Main minerals of abnormally high-grade ores of the Tomtor deposit (Arctic Siberia). Russian Geology and Geophysics, 2015, 56, 844-873.	0.7	45
3	Molecular analysis of the benthos microbial community in Zavarzin thermal spring (Uzon Caldera,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.8	39
4	Gold and silver in a system of sulfide tailings. Part 1: Migration in water flow. Journal of Geochemical Exploration, 2016, 160, 16-30.	3.2	33
5	Geological, hydrogeochemical, and microbiological characteristics of the Oil site of the Uzon caldera (Kamchatka). Russian Geology and Geophysics, 2015, 56, 39-63.	0.7	29
6	Interaction of natural organic matter with acid mine drainage: In-situ accumulation of elements. Science of the Total Environment, 2019, 660, 468-483.	8.0	28
7	The role of environmental factors for the composition of microbial communities of saline lakes in the Novosibirsk region (Russia). BMC Microbiology, 2016, 16, 4.	3.3	27
8	Behavior of heavy metals in sulfide mine tailings and bottom sediment (Salair, Kemerovo region,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	2.7	19
9	Redistribution of elements between wastes and organic-bearing material in the dispersion train of gold-bearing sulfide tailings: Part I. Geochemistry and mineralogy. Science of the Total Environment, 2017, 581-582, 460-471.	8.0	19
10	GEOCHEMICAL AND MINERALOGICAL ZONING OF HIGH-SULFIDE MINE-WASTE AT THE BERIKUL MINE-SITE, KEMEROVO REGION, RUSSIA. Canadian Mineralogist, 2005, 43, 1141-1156.	1.0	18
11	Gold and silver in a system of sulfide tailings. Part 2: Reprecipitation on natural peat. Journal of Geochemical Exploration, 2016, 165, 8-22.	3.2	17
12	Arsenic Speciation in a Contaminated Gold Processing Tailings Dam. Geostandards and Geoanalytical Research, 2000, 24, 247-252.	3.1	16
13	Arsenic speciation in the tailings impoundment of a gold recovery plant in Siberia. Geochemistry: Exploration, Environment, Analysis, 2002, 2, 263-268.	0.9	14
14	Gold in the sulfide waste-peat bog system as a behavior model in geological processes. Doklady Earth Sciences, 2013, 453, 1132-1136.	0.7	14
15	Distribution of mercury and its species in the zone of sulphide tailing. Doklady Earth Sciences, 2010, 432, 778-782.	0.7	11
16	Biogenic contribution of minor elements to organic matter of recent lacustrine sapropels (Lake Kirek) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	11
17	Mineral formation in cyanobacterial mats of the Barguzin basin alkaline hot springs (Baikal Rift Zone). Doklady Earth Sciences, 2010, 430, 218-222.	0.7	9
18	Interaction of natural organic matter with acid mine drainage: Authigenic mineralization (case study) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 106456.	3.2	9

#	Article	IF	Citations
19	Elements redistribution between organic and mineral parts of microbial mats: SR-XRF research (Baikal) Tj ETQq1 1 0.784314 rgBT /Ov Spectrometers, Detectors and Associated Equipment, 2009, 603, 137-140.	1.6	7
20	Nodular monazite from placers in the Kular Ridge (Arctic Siberia, Russia): composition and age. Russian Geology and Geophysics, 2018, 59, 1330-1347.	0.7	6
21	Evidence of Microbial-Induced Mineralization in Rocks of the Tomtor Carbonatite Complex (Arctic) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	6
22	Redistribution of radionuclides between a microbial mat and a carbonate body at the Garga hot spring (Baikal Rift Zone). Doklady Earth Sciences, 2011, 439, 1131-1137.	0.7	5
23	Investigation of element distribution between components of a salt-lake system by SR-XRF. Journal of Surface Investigation, 2012, 6, 1009-1018.	0.5	4
24	Young Â«oil siteÂ» of the Uzon Caldera as a habitat for unique microbial life. BMC Microbiology, 2020, 20, 349.	3.3	4
25	Diversity and Metabolism of Microbial Communities in a Hypersaline Lake along a Geochemical Gradient. Biology, 2022, 11, 605.	2.8	4
26	Ecogeochemical consequences of forest fires in belt pine forests of Altai krai. Contemporary Problems of Ecology, 2008, 1, 459-466.	0.7	3
27	Study of the distribution of elements between a cyanobacterial community and a carbonate body of a hot spring via synchrotron XRF analysis. Journal of Surface Investigation, 2012, 6, 446-453.	0.5	3
28	Mercury species in solid matter of dispersion of the Ursk tailing dispersion train (Ursk village,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	0.5	3
29	Discussions on the driving mechanism of postdepositional migration of 241Am and 137Cs in organomineral sediments (Lake Krugloe, Tomsk region, Russia). Environmental Science and Pollution Research, 2019, 26, 19180-19188.	5.3	3
30	Acid Mine Drainage Contamination of the Ur Impoundment: Environmental Geochemistry. E3S Web of Conferences, 2019, 98, 09021.	0.5	2
31	Metagenomics dataset used to characterize microbiome in water and sediments of the lake Solenoe (Novosibirsk region, Russia). Data in Brief, 2021, 34, 106709.	1.0	2
32	Metagenomics data of microbial communities of natural organic matter from the dispersion train of sulfide tailings. Data in Brief, 2021, 35, 106720.	1.0	2
33	X-ray fluorescence and electron microscopy study of plankton samples from the Novosibirsk reservoir. Journal of Surface Investigation, 2010, 4, 678-682.	0.5	1
34	Cyanobacterial Diversity and the Role of Cyanobacteria in Formation of Minerals in the Baunt Group Hydrotherms (Baikal Rift Zone). Microbiology, 2018, 87, 508-518.	1.2	1
35	Mineralogical, geochemical and isotopic (C, O, Sr) features of the unique high-grade REE-Nb ores from the Tomtor deposit (Arctic Siberia, Russia). E3S Web of Conferences, 2019, 98, 12027.	0.5	1
36	Modern Mineral Formation in the Thermal Lake Fumarolnoe (Uzon Caldera, Kamchatka) as a Key to Paleoreconstruction. Geology of Ore Deposits, 2019, 61, 747-755.	0.7	1

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37	Uâ€'Pb Age of Sphene and the Petrochemical, Mineralogical, and Geochemical Features of Alkaline Rocks of the Bogdo Complex (Arctic Siberia). Doklady Earth Sciences, 2019, 489, 1352-1357.	0.7	1
38	Layered Nb-REE ores in the Tomtor Complex (Arctic Siberia): Formation conditions. E3S Web of Conferences, 2019, 98, 05011.	0.5	0
39	Geochemical indicators of paleo-seismicity based on the data of study of Fumarolnoe lake bottom sediments (Kamchatka, Uzon). E3S Web of Conferences, 2019, 98, 08012.	0.5	0
40	Metagenomics data of microbial communities in bacterial mats and bottom sediments in water bodies within the Kurai Mercury Province (Gorny Altai, Russia). Data in Brief, 2021, 36, 107099.	1.0	0
41	Uranium and its decay products in radioactive anomalies of oxidized brown coals (western part of) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	0
42	Collection of microorganisms ofÂICG SB RAS as a genetic resource for biotechnology. Vavilovskii Zhurnal Genetiki I Selektsii, 2017, 21, 630-637.	1.1	0
43	Modern mineral formation in the thermal lake Fumarolnoe (Uson caldera, Kamchatka) is the key to paleoreconstruction. Zapiski Rossiiskogo Mineralogicheskogo Obshchestva, 2019, 148, 3-15.	0.1	0
44	Specific of Stable Carbon Isotopes Determination in Organic-Bearing Sediments. Journal of Siberian Federal University: Chemistry, 2021, 14, 418-432.	0.7	0