

Sergey V Zakusin

List of Publications by Year in descending order

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21
papers

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all docs

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docs citations

21
times ranked

504
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Study of Montmorillonite Structure and Transformation of Its Properties under Treatment with Inorganic Acid Solutions. Minerals (Basel, Switzerland), 2017, 7, 49.	2.0	143
2	The influence of acid modification on the structure of montmorillonites and surface properties of bentonites. Applied Clay Science, 2019, 172, 1-10.	5.2	57
3	Cesium Sorption and Desorption on Glauconite, Bentonite, Zeolite and Diatomite. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 47	2.0	47
4	Effect of acid modification of kaolin and metakaolin on Brønsted acidity and catalytic properties in the synthesis of octahydro-2H-chromen-4-ol from vanillin and isopulegol. Journal of Molecular Catalysis A, 2016, 414, 160-166.	4.8	32
5	Transformation of Structure and Adsorption Properties of Montmorillonite under Thermochemical Treatment. Geochemistry International, 2019, 57, 314-330.	0.7	23
6	Eu(III) sorption onto various montmorillonites: Experiments and modeling. Applied Clay Science, 2019, 175, 22-29.	5.2	22
7	Effect of structure and acidity of acid modified clay materials on synthesis of octahydro-2H-chromen-4-ol from vanillin and isopulegol. Catalysis Communications, 2015, 69, 234-238.	3.3	21
8	Rare earth elements upon assessment of reasons of the geophagy in Sikhote-Alin region (Russian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1255-1270.	3.4	12
9	Np(V) uptake by bentonite clay: Effect of accessory Fe oxides/hydroxides on sorption and speciation. Applied Geochemistry, 2017, 78, 74-82.	3.0	10
10	Swelling Pressure and Permeability of Compacted Bentonite from 10th Khutor Deposit (Russia). Minerals (Basel, Switzerland), 2021, 11, 742.	2.0	10
11	Quantitative methods for quantification of montmorillonite content in bentonite clays. Georesursy, 2020, 22, 38-47.	0.8	9
12	Carboniferous bentonites from 10th Khutor deposit (Russia): Composition, properties and features of genesis. Applied Clay Science, 2021, 215, 106308.	5.2	8
13	Mineral composition of soils and bottom sediments in bays of Novaya Zemlya. Oceanology, 2017, 57, 215-221.	1.2	7
14	Optical, Geochemical and Mineralogical Characteristics of Light-Absorbing Impurities Deposited on Djankuat Glacier in the Caucasus Mountains. Water (Switzerland), 2021, 13, 2993.	2.7	7
15	Bentonite-Concrete Interactions in Engineered Barrier Systems during the Isolation of Radioactive Waste Based on the Results of Short-Term Laboratory Experiments. Applied Sciences (Switzerland), 2022, 12, 3074.	2.5	6
16	Geochemical and radiation conditions in coastal landscapes of the Kara Sea Gulf (Novaya Zemlya) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 0.7	0.7	5
17	Sorption of Cu ²⁺ Ions by Bentonite Modified with Al Keggin Cations and Humic Acid in Solutions with pH 4.5. Minerals (Basel, Switzerland), 2020, 10, 1121.	2.0	5
18	The Influence of Liquid Low-Radioactive Waste Repositories on the Mineral Composition of Surrounding Soils. Sustainability, 2020, 12, 8259.	3.2	2

#	ARTICLE	IF	CITATIONS
19	The Sorption of Radionuclides on Clay Minerals—the Components of Engineering Safety Barriers. Moscow University Chemistry Bulletin, 2021, 76, 316-324.	0.6	2
20	Sorption of ¹³⁷ Cs and ⁹⁰ Sr on Organic Sorbents. Applied Sciences (Switzerland), 2021, 11, 11531.	2.5	1
21	Brazilian clays for environmental solutions applied to radioactive waste management. Brazilian Journal of Radiation Sciences, 2021, 9, .	0.0	0