

# Sergey V Zakusin

## List of Publications by Year in descending order

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21  
papers

429  
citations

933447

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h-index

752698

20  
g-index

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all docs

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docs citations

21  
times ranked

504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bentoniteâ€™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
2	Brazilian clays for environmental solutions applied to radioactive waste management. Brazilian Journal of Radiation Sciences, 2021, 9, .	0.0	0
3	Swelling Pressure and Permeability of Compacted Bentonite from 10th Khutor Deposit (Russia). Minerals (Basel, Switzerland), 2021, 11, 742.	2.0	10
4	The Sorption of Radionuclides on Clay Mineralsâ€™the Components of Engineering Safety Barriers. Moscow University Chemistry Bulletin, 2021, 76, 316-324.	0.6	2
5	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
6	Carboniferous bentonites from 10Th Khutor deposit (Russia): Composition, properties and features of genesis. Applied Clay Science, 2021, 215, 106308.	5.2	8
7	Sorption of 137Cs and 90Sr on Organic Sorbents. Applied Sciences (Switzerland), 2021, 11, 11531.	2.5	1
8	Sorption of Cu <sup>2+</sup> 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
9	The Influence of Liquid Low-Radioactive Waste Repositories on the Mineral Composition of Surrounding Soils. Sustainability, 2020, 12, 8259.	3.2	2
10	Quantitative methods for quantification of montmorillonite content in bentonite clays. Georesursy, 2020, 22, 38-47.	0.8	9
11	Cesium Sorption and Desorption on Glauconite, Bentonite, Zeolite and Diatomite. Minerals (Basel, Tj ETQq1 1 0.784314 rgBT /Overlock 2.0 47	2.0	47
12	Transformation of Structure and Adsorption Properties of Montmorillonite under Thermochemical Treatment. Geochemistry International, 2019, 57, 314-330.	0.7	23
13	Eu(III) sorption onto various montmorillonites: Experiments and modeling. Applied Clay Science, 2019, 175, 22-29.	5.2	22
14	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
15	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
16	Mineral composition of soils and bottom sediments in bays of Novaya Zemlya. Oceanology, 2017, 57, 215-221.	1.2	7
17	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
18	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 5	0.7	5

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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