

Konstantin Rozov

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

322
citations

1163117

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1281871

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11
all docs

11
docs citations

11
times ranked

442
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of the LDH hydroxalcite-pyroaurite solid-solution series. <i>Cement and Concrete Research</i> , 2010, 40, 1248-1254.	11.0	92
2	Replacement of barite by a (Ba,Ra)SO ₄ solid solution at close-to-equilibrium conditions: A combined experimental and theoretical study. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 155, 1-15.	3.9	60
3	Solid-aqueous equilibrium in the BaSO ₄ -RaSO ₄ -H ₂ O system: First-principles calculations and a thermodynamic assessment. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 122, 398-417.	3.9	48
4	Solubility and thermodynamic properties of carbonate-bearing hydroxalcite-pyroaurite solid solutions with a 3:1 Mg/(Al+Fe) mole ratio. <i>Clays and Clay Minerals</i> , 2011, 59, 215-232.	1.3	38
5	Dissolution of ZrO ₂ based pyrochlores in the acid pH range: A macroscopic and electron microscopy study. <i>Applied Geochemistry</i> , 2014, 49, 31-41.	3.0	25
6	Influence of temperature on the dissolution kinetics of synthetic LaPO ₄ -monazite in acidic media between 50 and 130°C. <i>Journal of Nuclear Materials</i> , 2018, 509, 488-495.	2.7	18
7	Preparation and Characterization of Fe-, Co-, and Ni-containing Mg-Al-Layered Double Hydroxides. <i>Clays and Clay Minerals</i> , 2013, 61, 424-439.	1.3	16
8	Interaction of gold with sulfide surface as a factor of its concentration in hydrothermal ore formation. <i>Doklady Earth Sciences</i> , 2006, 411, 1229-1232.	0.7	12
9	Preparation, characterization and thermodynamic properties of Zr-containing Cl-bearing layered double hydroxides (LDHs). <i>Radiochimica Acta</i> , 2015, 103, 369-378.	1.2	7
10	Synthesis, characterization and stability properties of Cl-bearing hydroxalcite-pyroaurite solids. <i>Radiochimica Acta</i> , 2013, 101, 101-110.	1.2	5
11	Analytical models for predicting the behavior of the Fukushima fuel debris during laboratory tests and long-term storage. <i>Journal of Nuclear Materials</i> , 2022, 568, 153895.	2.7	1