

Valeria Bizovska

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

261
citations

840776

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940533

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16
docs citations

16
times ranked

381
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-infrared spectroscopy as an effective tool for monitoring the conformation of alkylammonium surfactants in montmorillonite interlayers. <i>Vibrational Spectroscopy</i> , 2016, 84, 44-52.	2.2	36
2	Antimicrobial activity of organoclays based on quaternary alkylammonium and alkylphosphonium surfactants and montmorillonite. <i>Applied Clay Science</i> , 2018, 158, 21-28.	5.2	35
3	Anisotropy of functional properties of SiC composites with GNPs, GO and in-situ formed graphene. <i>Journal of the European Ceramic Society</i> , 2017, 37, 3731-3739.	5.7	33
4	Near-IR study of water adsorption on acid-treated montmorillonite. <i>Vibrational Spectroscopy</i> , 2012, 63, 360-366.	2.2	26
5	Spectroscopic study of water adsorption on Li ⁺ , TMA ⁺ and HDTMA ⁺ exchanged montmorillonite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 751-761.	3.9	18
6	Spectroscopic and bond-topological investigation of interstitial volatiles in beryl from Slovakia. <i>Physics and Chemistry of Minerals</i> , 2016, 43, 419-437.	0.8	17
7	Optical and crystal-chemical changes in aquamarines and yellow beryls from Thanh Hoa province, Vietnam induced by heat treatment. <i>Physics and Chemistry of Minerals</i> , 2015, 42, 287-302.	0.8	16
8	Tolerance of Clay Minerals by Cement: Effect of Side-Chain Density in Polyethylene Oxide (PEO) Superplasticizer Additives. <i>Clays and Clay Minerals</i> , 2016, 64, 732-742.	1.3	16
9	Montmorillonite modified with unconventional surfactants from the series of octylammonium-based cations: Structural characterization and hydration properties. <i>Applied Clay Science</i> , 2018, 158, 102-112.	5.2	13
10	Utilization of near infrared spectroscopy for studying solvation properties of Cu-montmorillonites. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 123, 385-391.	3.9	12
11	Highly luminescent hybrid materials based on smectites with polyethylene glycol modified with rhodamine fluorophore. <i>Applied Clay Science</i> , 2017, 138, 25-33.	5.2	12
12	A corrosion mechanism of titanium diboride in K ⁺ AlF ₃ Al ₂ O ₃ melt. <i>Journal of the European Ceramic Society</i> , 2018, 38, 1143-1151.	5.7	11
13	Near-Infrared Study of Water Adsorption on Homo-Ionic Forms of Montmorillonite. <i>Clays and Clay Minerals</i> , 2016, 64, 571-585.	1.3	7
14	The influence of porosity on the release of water from perlite glass by thermal treatment. <i>Monatshefte für Chemie</i> , 2019, 150, 1025-1040.	1.8	5
15	Beryl crystal chemistry and trace elements: Indicators of pegmatite development and fractionation (Damara Belt, Namibia). <i>Lithos</i> , 2021, 404-405, 106441.	1.4	3
16	Thermal, spectral and diffraction properties of Hg(II)-exchanged montmorillonite with alkylamines. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 879-884.	3.6	1