

Jana Kupková

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

360
citations

840776

11
h-index

794594

19
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23
all docs

23
docs citations

23
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Alkali-Treated Alumina and Zirconia Powders Decorated with Hydroxyapatite for Prospective Biomedical Applications. <i>Materials</i> , 2022, 15, 1390.	2.9	13
2	Hybrid Antibacterial Nanocomposites Based on the Vermiculite/Zinc Oxide-Chlorhexidine. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 3041-3048.	0.9	8
3	Organovermiculite as Regenerable Nanostructured Adsorbent for Treatment of Heavily Polluted Waste Water from Coke Industry. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 2567-2574.	0.9	0
4	Synthesis and Characterization of Erbium Oxide Nanocrystallites. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 2934-2937.	0.9	3
5	Comparable study of vermiculites from four commercial deposits prepared with fixed ceria nanoparticles. <i>Applied Clay Science</i> , 2018, 151, 164-174.	5.2	16
6	Antimicrobial ciclopiroxolamine/clay nanocomposites. <i>Materials Today: Proceedings</i> , 2018, 5, S20-S28.	1.8	0
7	Influence of acid-treated talc and Na ₂ CO ₃ flux on mineralogical phase composition and porosity in steatite ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2017, 14, 803-809.	2.1	6
8	Daylight induced antibacterial activity of gadolinium oxide, samarium oxide and erbium oxide nanoparticles and their aquatic toxicity. <i>Materials Chemistry and Physics</i> , 2017, 197, 226-235.	4.0	23
9	Photocatalytic decomposition of N ₂ O over TiO ₂ /g-C ₃ N ₄ photocatalysts heterojunction. <i>Applied Surface Science</i> , 2017, 396, 1685-1695.	6.1	101
10	Sorption of Cd ²⁺ on Clay Mineral/Hydroxyapatite Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7788-7791.	0.9	5
11	Preparation of Antimicrobial Polyethylene/Inorgano-Organo-Vermiculite Hybrid Material. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7783-7787.	0.9	3
12	Structural Properties and Photocatalytic Activity of Ceria Nanoparticles on Vermiculite Matrix. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7844-7848.	0.9	11
13	Synthesis and Characterization of Samarium Oxide Nanocrystallites. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7829-7831.	0.9	2
14	Different level of fluorescence in Raman spectra of montmorillonites. <i>Vibrational Spectroscopy</i> , 2016, 84, 7-15.	2.2	34
15	Cordierite Nanocomposite Particles with Addition of Zinc Oxide. <i>Advanced Science Letters</i> , 2016, 22, 691-694.	0.2	1
16	Preparation of Al-Intercalated/Pillared Clay Materials from Na-Form and Acidified Vermiculite and Montmorillonite Characterized by XRD and FTIR Analysis. <i>Advanced Science Letters</i> , 2016, 22, 699-703.	0.2	1
17	Cordierite/steatite/CeO ₂ porous materials – Preparation, structural characterization and their photocatalytic activity. <i>Microporous and Mesoporous Materials</i> , 2015, 207, 120-125.	4.4	15
18	Characterization of two low charge vermiculites after hydrochloric acid treatment. <i>Acta Geodynamica Et Geomaterialia</i> , 2015, , 299-306.	0.5	4

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19	Structural characteristics of cordierite/steatite ceramics sintered from mixtures containing pore-forming organovermiculite. <i>Ceramics International</i> , 2014, 40, 15717-15725.	4.8	12
20	Vibrational spectroscopy of acid treated vermiculites. <i>Vibrational Spectroscopy</i> , 2014, 70, 63-69.	2.2	40
21	Structural variability of high purity cordierite/steatite ceramics sintered from mixtures with various vermiculites. <i>Ceramics International</i> , 2014, 40, 8489-8498.	4.8	25
22	Role of vermiculite and zirconium-vermiculite on the formation of zircon-cordierite nanocomposites. <i>Applied Clay Science</i> , 2013, 75-76, 100-108.	5.2	21
23	Cordierite composites reinforced with zircon arising from zirconium-vermiculite precursor. <i>Materials Letters</i> , 2012, 80, 158-161.	2.6	16