

# 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  
g-index

23  
all docs

23  
docs citations

23  
times ranked

448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic decomposition of N <sub>2</sub> O over TiO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> photocatalysts heterojunction. Applied Surface Science, 2017, 396, 1685-1695.	6.1	101
2	Vibrational spectroscopy of acid treated vermiculites. Vibrational Spectroscopy, 2014, 70, 63-69.	2.2	40
3	Different level of fluorescence in Raman spectra of montmorillonites. Vibrational Spectroscopy, 2016, 84, 7-15.	2.2	34
4	Structural variability of high purity cordierite/steatite ceramics sintered from mixtures with various vermiculites. Ceramics International, 2014, 40, 8489-8498.	4.8	25
5	Daylight induced antibacterial activity of gadolinium oxide, samarium oxide and erbium oxide nanoparticles and their aquatic toxicity. Materials Chemistry and Physics, 2017, 197, 226-235.	4.0	23
6	Role of vermiculite and zirconium-vermiculite on the formation of zircon-cordierite nanocomposites. Applied Clay Science, 2013, 75-76, 100-108.	5.2	21
7	Cordierite composites reinforced with zircon arising from zirconium-vermiculite precursor. Materials Letters, 2012, 80, 158-161.	2.6	16
8	Comparable study of vermiculites from four commercial deposits prepared with fixed ceria nanoparticles. Applied Clay Science, 2018, 151, 164-174.	5.2	16
9	Cordierite/steatite/CeO <sub>2</sub> porous materials Preparation, structural characterization and their photocatalytic activity. Microporous and Mesoporous Materials, 2015, 207, 120-125.	4.4	15
10	Alkali-Treated Alumina and Zirconia Powders Decorated with Hydroxyapatite for Prospective Biomedical Applications. Materials, 2022, 15, 1390.	2.9	13
11	Structural characteristics of cordierite/steatite ceramics sintered from mixtures containing pore-forming organovermiculite. Ceramics International, 2014, 40, 15717-15725.	4.8	12
12	Structural Properties and Photocatalytic Activity of Ceria Nanoparticles on Vermiculite Matrix. Journal of Nanoscience and Nanotechnology, 2016, 16, 7844-7848.	0.9	11
13	Hybrid Antibacterial Nanocomposites Based on the Vermiculite/Zinc Oxide-Chlorhexidine. Journal of Nanoscience and Nanotechnology, 2019, 19, 3041-3048.	0.9	8
14	Influence of acid-treated talc and Na <sub>2</sub> CO <sub>3</sub> flux on mineralogical phase composition and porosity in steatite ceramics. International Journal of Applied Ceramic Technology, 2017, 14, 803-809.	2.1	6
15	Sorption of Cd <sup>2+</sup> on Clay Mineral/Hydroxyapatite Nanocomposites. Journal of Nanoscience and Nanotechnology, 2016, 16, 7788-7791.	0.9	5
16	Characterization of two low charge vermiculites after hydrochloric acid treatment. Acta Geodynamica Et Geomaterialia, 2015, , 299-306.	0.5	4
17	Preparation of Antimicrobial Polyethylene/Inorgano-Organo-Vermiculite Hybrid Material. Journal of Nanoscience and Nanotechnology, 2016, 16, 7783-7787.	0.9	3
18	Synthesis and Characterization of Erbium Oxide Nanocrystallites. Journal of Nanoscience and Nanotechnology, 2019, 19, 2934-2937.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Synthesis and Characterization of Samarium Oxide Nanocrystallites. Journal of Nanoscience and Nanotechnology, 2016, 16, 7829-7831.	0.9	2
20	Cordierite Nanocomposite Particles with Addition of Zinc Oxide. Advanced Science Letters, 2016, 22, 691-694.	0.2	1
21	Preparation of Al-Intercalated/Pillared Clay Materials from Na-Form and Acidified Vermiculite and Montmorillonite Characterized by XRD and FTIR Analysis. Advanced Science Letters, 2016, 22, 699-703.	0.2	1
22	Antimicrobial ciclopiroxolamine/clay nanocomposites. Materials Today: Proceedings, 2018, 5, S20-S28.	1.8	0
23	Organovermiculite as Regenerable Nanostructured Adsorbent for Treatment of Heavily Polluted Waste Water from Coke Industry. Journal of Nanoscience and Nanotechnology, 2019, 19, 2567-2574.	0.9	0