

# Jana Valá̃chová;

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

103  
citations

1307594

7  
h-index

1372567

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

111  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of products obtained by acid leaching of Fe-bentonite. <i>Clay Minerals</i> , 2007, 42, 527-540.	0.6	15
2	The Combined Inelastic Neutron Scattering (INS) and Solid-State DFT Study of Hydrogen-Atoms Dynamics in Kaolinite-dimethylsulfoxide Intercalate. <i>Clays and Clay Minerals</i> , 2010, 58, 52-61.	1.3	15
3	Crystallization kinetics of yttrium aluminate glasses. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 133, 227-236.	3.6	13
4	Thermal behaviour of yttrium aluminate glasses studied by DSC, high-temperature X-ray diffraction, SEM and SEM-EDS. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 1407-1415.	3.6	11
5	Nontronites as catalyst for synthesis of carbon nanotubes by catalytic chemical vapor deposition.. <i>Applied Clay Science</i> , 2015, 114, 170-178.	5.2	9
6	Crystallization kinetics of glass microspheres with yttrium aluminium garnet (YAG) composition. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1115-1123.	3.6	9
7	Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> -Al <sub>2</sub> O <sub>3</sub> composites with fine-grained microstructure by hot pressing of Al <sub>2</sub> O <sub>3</sub> -Y <sub>2</sub> O <sub>3</sub> glass microspheres. <i>Journal of the European Ceramic Society</i> , 2020, 40, 852-860.	5.7	9
8	Crystallization kinetics of binary La <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> glass. <i>Journal of Non-Crystalline Solids</i> , 2018, 501, 55-61.	3.1	8
9	Crystallization kinetics of Ni-doped Ca <sub>2</sub> Al <sub>2</sub> SiO <sub>7</sub> glass microspheres. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 2111-2121.	3.6	6
10	Crystallization kinetics of binary Yb <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> glass. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 2141-2148.	3.6	2
11	Crystallization kinetics of gehlenite glass microspheres. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1003-1010.	3.6	2
12	Thermal behaviour and photoluminescence properties of Er- and Nd-doped yttrium aluminate glasses. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 129-138.	3.6	2
13	Crystallization of TiO <sub>2</sub> xerogel. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1643-1648.	3.6	1
14	Pressure assisted sintering of Al <sub>2</sub> O <sub>3</sub> -Y <sub>2</sub> O <sub>3</sub> glass microspheres: sintering conditions, grain size, and mechanical properties of sintered ceramics. <i>Pure and Applied Chemistry</i> , 2021, .	1.9	1