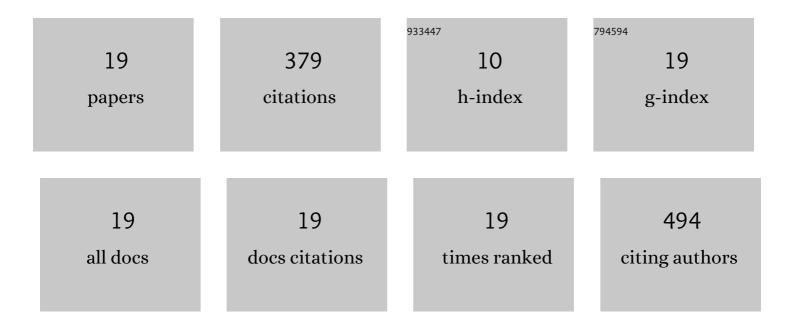
Sanja Bosnar

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Unusual Pathway of Crystallization of Zeolite ZSM-5 in a Heterogeneous System: Phenomenology and Starting Considerations. Chemistry of Materials, 2012, 24, 1726-1737.	6.7	97
2	Chemically controlled particulate properties of zeolites: Towards the face-less particles of zeolite A. 2. Influence of aluminosilicate batch concentration and alkalinity of the reaction mixture (hydrogel) on the size and shape of zeolite A crystals. Microporous and Mesoporous Materials, 2011, 142, 389-397.	4.4	38
3	Study of the microstructure of amorphous aluminosilicate gel before and after its hydrothermal treatment. Microporous and Mesoporous Materials, 2008, 110, 177-185.	4.4	36
4	Influence of anions on the kinetics of zeolite A crystallization:. Journal of Crystal Growth, 2004, 267, 270-282.	1.5	31
5	Role of Subcolloidal (Nanosized) Precursor Species in the Early Stage of the Crystallization of Zeolites in Heterogeneous Systems. Langmuir, 2014, 30, 8570-8579.	3.5	29
6	Mechanism and kinetics of the growth of zeolite microcrystals. Part 2: Influence of sodium ions concentration in the liquid phase on the growth kinetics of zeolite A microcrystals. Microporous and Mesoporous Materials, 2004, 76, 157-165.	4.4	22
7	Experimental evidence of the "memory―effect of amorphous aluminosilicate gel precursors. Microporous and Mesoporous Materials, 2003, 64, 21-32.	4.4	20
8	Environment of the Eu ³⁺ Ion within Nanocrystalline Eu-Doped BaAl ₂ O ₄ : Correlation of X-ray Diffraction, Mössbauer Spectroscopy, X-ray Absorption Spectroscopy, and Photoluminescence Investigations. Inorganic Chemistry, 2018, 57, 1744-1756.	4.0	15
9	Chromium Environment within Cr-Doped BaAl ₂ O ₄ : Correlation of X-ray Diffraction and X-ray Absorption Spectroscopy Investigations. Inorganic Chemistry, 2015, 54, 11127-11135.	4.0	14
10	Overcoming phase separation in dual templating: A homogeneous hierarchical ZSM-5 zeolite with flower-like morphology, synthesis and in-depth acidity study. Microporous and Mesoporous Materials, 2022, 329, 111534.	4.4	13
11	Positron annihilation lifetime spectroscopy (PALS) study of the as prepared and calcined MFI zeolites. Journal of Physics and Chemistry of Solids, 2017, 110, 227-233.	4.0	10
12	Deep Insights into the Processes Occurring during Early Stages of the Formation and Room-Temperature Evolution of the Core (Amorphous SiO ₂)@Shell (Organocations) Nanoparticles. Journal of Physical Chemistry C, 2018, 122, 9441-9454.	3.1	10
13	Magnetic oxygen stored in quasi-1D form within BaAl2O4 lattice. Scientific Reports, 2019, 9, 15158.	3.3	10
14	Anomalous nucleation events during crystallization of zeolite A under marginal alkalinities: a population balance analysis. CrystEngComm, 2012, 14, 3069.	2.6	8
15	Controlled aggregation of core(amorphous silica)@shell(TPA+-polysilicate) nanoparticles at room temperature by selective removal of TPA+ ions from the nanoparticle shell. Inorganic Chemistry Frontiers, 2019, 6, 1639-1653.	6.0	8
16	Analysis of the distribution of nuclei in matrices of differently prepared and treated aluminosilicate gels. Studies in Surface Science and Catalysis, 1999, , 157-164.	1.5	7
17	The relationship between sub-micrometer sized ZSM-5, slice-like (lamellar) keatite and hollow α-quartz particles: a phase transformation study. CrystEngComm, 2013, 15, 5032.	2.6	7
18	The influence of alkali cations on the structure of zeolite precursor gels investigated by positron lifetime spectroscopy. Studies in Surface Science and Catalysis, 2008, 174, 793-798.	1.5	2

#	Article	IF	CITATIONS
19	Structural Behavior and Spin-State Features of BaAl ₂ O ₄ Scaled through Tuned Co ³⁺ Doping. Inorganic Chemistry, 2021, 60, 8475-8488.	4.0	2