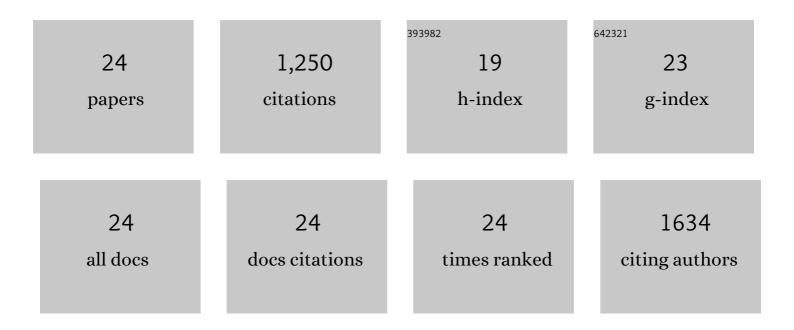
Tadeusz Chudoba

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A Review of Microwave Synthesis of Zinc Oxide Nanomaterials: Reactants, Process Parameters and Morphologies. Nanomaterials, 2020, 10, 1086.	1.9	217
2	In vivo and in vitro study of a novel nanohydroxyapatite sonocoated scaffolds for enhanced bone regeneration. Materials Science and Engineering C, 2019, 99, 669-684.	3.8	49
3	Phase stability of rare earth sesquioxides with grain size controlled in the nanoscale. Journal of the American Ceramic Society, 2019, 102, 3829-3835.	1.9	6
4	Size control mechanism of ZnO nanoparticles obtained in microwave solvothermal synthesis. Nanotechnology, 2018, 29, 065601.	1.3	64
5	Current Trends in the Development of Microwave Reactors for the Synthesis of Nanomaterials in Laboratories and Industries: A Review. Crystals, 2018, 8, 379.	1.0	108
6	Structural and Magnetic Properties of Co‒Mn Codoped ZnO Nanoparticles Obtained by Microwave Solvothermal Synthesis. Crystals, 2018, 8, 410.	1.0	19
7	Size Control of Cobalt-Doped ZnO Nanoparticles Obtained in Microwave Solvothermal Synthesis. Crystals, 2018, 8, 179.	1.0	27
8	Effect of Microwave Radiation Power on the Size of Aggregates of ZnO NPs Prepared Using Microwave Solvothermal Synthesis. Nanomaterials, 2018, 8, 343.	1.9	59
9	12. Microwaves applied to hydrothermal synthesis of nanoparticles. , 2017, , 205-224.		4
10	Effect of Water Content in Ethylene Glycol Solvent on the Size of ZnO Nanoparticles Prepared Using Microwave Solvothermal Synthesis. Journal of Nanomaterials, 2016, 2016, 1-15.	1.5	58
11	Influence of hydrothermal synthesis parameters on the properties of hydroxyapatite nanoparticles. Beilstein Journal of Nanotechnology, 2016, 7, 1586-1601.	1.5	93
12	The effect of pulsed electric field on drying kinetics, color, and microstructure of carrot. Drying Technology, 2016, 34, 1286-1296.	1.7	101
13	Size-dependent density of zirconia nanoparticles. Beilstein Journal of Nanotechnology, 2015, 6, 27-35.	1.5	49
14	Paramagnetism of cobalt-doped ZnO nanoparticles obtained by microwave solvothermal synthesis. Beilstein Journal of Nanotechnology, 2015, 6, 1957-1969.	1.5	44
15	High-Energy-Low-Temperature Technologies for the Synthesis of Nanoparticles: Microwaves and High Pressure. Inorganics, 2014, 2, 606-619.	1.2	24
16	Pulsed Electric Field Pretreatment for Osmotic Dehydration of Apple Tissue: Experimental and Mathematical Modeling Studies. Drying Technology, 2014, 32, 408-417.	1.7	54
17	Effect of low-temperature high-pressure sintering on BiFeO ₃ density, electrical magnetic and structural properties. Phase Transitions, 2013, 86, 1104-1114.	0.6	5
18	Drying Kinetics of Apple Tissue Treated by Pulsed Electric Field. Drying Technology, 2013, 31, 112-119.	1.7	98

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#	Article	IF	CITATIONS
19	A Novel Reactor for Microwave Hydrothermal Scale-up Nanopowder Synthesis. International Journal of Chemical Reactor Engineering, 2013, 11, 361-368.	0.6	28
20	Highly biocompatible, nanocrystalline hydroxyapatite synthesized in a solvothermal process driven by high energy density microwave radiation. International Journal of Nanomedicine, 2013, 8, 653.	3.3	49
21	Hydroxyapatite Nanopowder Synthesis with a Programmed Resorption Rate. Journal of Nanomaterials, 2012, 2012, 1-9.	1.5	17
22	Luminescence Properties and Energy Transfer Processes in Nanosized Cerium Doped YAG. IEEE Transactions on Nuclear Science, 2008, 55, 1509-1513.	1.2	25
23	Synthesis of Nano-sized Yttrium-Aluminum Garnet in a Continuous-Flow Reactor in Supercritical Fluids. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 756-764.	0.3	4
24	Synthesis of nanoparticulate yttrium aluminum garnet in supercritical water–ethanol mixtures. Journal of Supercritical Fluids, 2007, 40, 284-292.	1.6	48