

Tadeusz Chudoba

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/425204/publications.pdf>

Version: 2024-02-01

24
papers

1,250
citations

393982

19
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

1634
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Microwave Synthesis of Zinc Oxide Nanomaterials: Reactants, Process Parameters and Morphologies. <i>Nanomaterials</i> , 2020, 10, 1086.	1.9	217
2	Current Trends in the Development of Microwave Reactors for the Synthesis of Nanomaterials in Laboratories and Industries: A Review. <i>Crystals</i> , 2018, 8, 379.	1.0	108
3	The effect of pulsed electric field on drying kinetics, color, and microstructure of carrot. <i>Drying Technology</i> , 2016, 34, 1286-1296.	1.7	101
4	Drying Kinetics of Apple Tissue Treated by Pulsed Electric Field. <i>Drying Technology</i> , 2013, 31, 112-119.	1.7	98
5	Influence of hydrothermal synthesis parameters on the properties of hydroxyapatite nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1586-1601.	1.5	93
6	Size control mechanism of ZnO nanoparticles obtained in microwave solvothermal synthesis. <i>Nanotechnology</i> , 2018, 29, 065601.	1.3	64
7	Effect of Microwave Radiation Power on the Size of Aggregates of ZnO NPs Prepared Using Microwave Solvothermal Synthesis. <i>Nanomaterials</i> , 2018, 8, 343.	1.9	59
8	Effect of Water Content in Ethylene Glycol Solvent on the Size of ZnO Nanoparticles Prepared Using Microwave Solvothermal Synthesis. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-15.	1.5	58
9	Pulsed Electric Field Pretreatment for Osmotic Dehydration of Apple Tissue: Experimental and Mathematical Modeling Studies. <i>Drying Technology</i> , 2014, 32, 408-417.	1.7	54
10	Highly biocompatible, nanocrystalline hydroxyapatite synthesized in a solvothermal process driven by high energy density microwave radiation. <i>International Journal of Nanomedicine</i> , 2013, 8, 653.	3.3	49
11	Size-dependent density of zirconia nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 27-35.	1.5	49
12	In vivo and in vitro study of a novel nanohydroxyapatite sonocoated scaffolds for enhanced bone regeneration. <i>Materials Science and Engineering C</i> , 2019, 99, 669-684.	3.8	49
13	Synthesis of nanoparticulate yttrium aluminum garnet in supercritical water-ethanol mixtures. <i>Journal of Supercritical Fluids</i> , 2007, 40, 284-292.	1.6	48
14	Paramagnetism of cobalt-doped ZnO nanoparticles obtained by microwave solvothermal synthesis. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 1957-1969.	1.5	44
15	A Novel Reactor for Microwave Hydrothermal Scale-up Nanopowder Synthesis. <i>International Journal of Chemical Reactor Engineering</i> , 2013, 11, 361-368.	0.6	28
16	Size Control of Cobalt-Doped ZnO Nanoparticles Obtained in Microwave Solvothermal Synthesis. <i>Crystals</i> , 2018, 8, 179.	1.0	27
17	Luminescence Properties and Energy Transfer Processes in Nanosized Cerium Doped YAG. <i>IEEE Transactions on Nuclear Science</i> , 2008, 55, 1509-1513.	1.2	25
18	High-Energy-Low-Temperature Technologies for the Synthesis of Nanoparticles: Microwaves and High Pressure. <i>Inorganics</i> , 2014, 2, 606-619.	1.2	24

#	ARTICLE	IF	CITATIONS
19	Structural and Magnetic Properties of Co&Mn Codoped ZnO Nanoparticles Obtained by Microwave Solvothermal Synthesis. Crystals, 2018, 8, 410.	1.0	19
20	Hydroxyapatite Nanopowder Synthesis with a Programmed Resorption Rate. Journal of Nanomaterials, 2012, 2012, 1-9.	1.5	17
21	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
22	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
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	12. Microwaves applied to hydrothermal synthesis of nanoparticles. , 2017, , 205-224.		4