

Tadeusz Chudoba

List of Publications by Year in descending order

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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 | 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 |
| 3 | Phase stability of rare earth sesquioxides with grain size controlled in the nanoscale. <i>Journal of the American Ceramic Society</i> , 2019, 102, 3829-3835. | 1.9 | 6 |
| 4 | Size control mechanism of ZnO nanoparticles obtained in microwave solvothermal synthesis. <i>Nanotechnology</i> , 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. <i>Crystals</i> , 2018, 8, 379. | 1.0 | 108 |
| 6 | Structural and Magnetic Properties of Co ²⁺ /Mn Codoped ZnO Nanoparticles Obtained by Microwave Solvothermal Synthesis. <i>Crystals</i> , 2018, 8, 410. | 1.0 | 19 |
| 7 | Size Control of Cobalt-Doped ZnO Nanoparticles Obtained in Microwave Solvothermal Synthesis. <i>Crystals</i> , 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. <i>Nanomaterials</i> , 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. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-15. | 1.5 | 58 |
| 11 | Influence of hydrothermal synthesis parameters on the properties of hydroxyapatite nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1586-1601. | 1.5 | 93 |
| 12 | 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 |
| 13 | Size-dependent density of zirconia nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 27-35. | 1.5 | 49 |
| 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 | High-Energy-Low-Temperature Technologies for the Synthesis of Nanoparticles: Microwaves and High Pressure. <i>Inorganics</i> , 2014, 2, 606-619. | 1.2 | 24 |
| 16 | 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 |
| 17 | Effect of low-temperature high-pressure sintering on BiFeO ₃ density, electrical magnetic and structural properties. <i>Phase Transitions</i> , 2013, 86, 1104-1114. | 0.6 | 5 |
| 18 | Drying Kinetics of Apple Tissue Treated by Pulsed Electric Field. <i>Drying Technology</i> , 2013, 31, 112-119. | 1.7 | 98 |

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|----|--|-----|-----------|
| 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 |