

# Ultrasonic Spray Pyrolysis for Synthesis of Spherical Zn

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Efficient Atomization Using MHz MEMS-Based Ultrasonic Nozzles. Materials Research Society Symposia Proceedings, 2005, 872, 1.	0.1	0
2	Praseodymium-Doped Photo-Luminescent Strontium Indate Nanoparticles by Ultrasonic Spray Pyrolysis. Journal of the American Ceramic Society, 2006, 89, 3266-3269.	1.9	9
3	Ultrasonic atomization using MHz silicon-based multiple-Fourier horn nozzles. Applied Physics Letters, 2006, 88, 014102.	1.5	16
4	Preparation of Iron Phosphide Particles from an Aqueous Solvent of Oxygen-Contained Precursors Using Spray Pyrolysis. Journal of the American Ceramic Society, 2007, 90, 3767-3772.	1.9	1
5	Formation of Irregular Nanocrystalline CeO <sub>2</sub> Particles from Acetate-Based Precursor via Spray Pyrolysis. Journal of Materials Engineering and Performance, 2008, 17, 20-24.	1.2	13
6	Effect of precursor characteristics on zirconia and ceria particle morphology in spray pyrolysis. Ceramics International, 2008, 34, 409-416.	2.3	48
7	Airborne Particle Generation Through Acoustic Ejection of Particles-In-Droplets. Aerosol Science and Technology, 2008, 42, 832-841.	1.5	9
8	Nanoscale yttrium distribution in yttrium-doped ceria powder. Journal of Nanoparticle Research, 2009, 11, 2145-2152.	0.8	25
9	Catalytic combustion of methane on nano-structured perovskite-type oxides fabricated by ultrasonic spray combustion. Applied Catalysis B: Environmental, 2010, 94, 27-37.	10.8	49
10	SYNTHESIS OF YTTRIA-STABILIZED CUBIC ZIRCONIA NANOCRYSTALS BY ULTRASONIC "MICROWAVE ROUTE. Nano, 2010, 05, 271-277.	0.5	12
11	Polycarbonate nanoparticles spray coated on silicon substrate using micro-electromechanical-systems-based high-frequency ultrasonic nozzle. Applied Acoustics, 2011, 72, 949-952.	1.7	3
12	Unusual shape formation in aerosol powder particles. Refractories and Industrial Ceramics, 2011, 51, 430-432.	0.2	0
13	Control of morphology and dopant distribution in yttrium-doped ceria nanoparticles. Journal of Nanoparticle Research, 2011, 13, 7021-7028.	0.8	17
14	Progress in developing spray-drying methods for the production of controlled morphology particles: From the nanometer to submicrometer size ranges. Advanced Powder Technology, 2011, 22, 1-19.	2.0	596
15	One-step synthesis of bioactive glass by spray pyrolysis. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	25
16	Characteristics of MgO-coated alkaline Earth selenide phosphor prepared by spray pyrolysis. Thin Solid Films, 2013, 546, 98-103.	0.8	4
17	Synthesis and characterization of spray pyrolyzed mesoporous bioactive glass. Ceramics International, 2013, 39, 8773-8779.	2.3	17
18	Designing the morphology of ceria particles by precursor complexes. Ceramics International, 2013, 39, 2275-2281.	2.3	3

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19	A facile approach to the synthesis of non-porous and microporous sub-micron spherical zirconia and alumina-zirconia solid solution. <i>Journal of Colloid and Interface Science</i> , 2013, 389, 121-125.	5.0	12
20	Preparation and characterization of nanostructured silver particles by one-step spray pyrolysis. <i>Powder Technology</i> , 2013, 237, 436-441.	2.1	32
21	Fabrication of ceria particles using glycine nitrate spray pyrolysis. <i>Surface and Coatings Technology</i> , 2014, 259, 302-309.	2.2	17
22	The Correlation of Surfactant Concentrations on the Properties of Mesoporous Bioactive Glass. <i>Materials</i> , 2016, 9, 58.	1.3	20
23	The Controlled Single-Step Synthesis of Ag/TiO <sub>2</sub> and Au/TiO <sub>2</sub> by Ultrasonic Spray Pyrolysis (USP). <i>Jom</i> , 2016, 68, 330-335.	0.9	11
24	Cu-Sn binary metal particle generation by spray pyrolysis. <i>Aerosol Science and Technology</i> , 2017, 51, 430-442.	1.5	18
25	Impact of precursor solution concentration to form superparamagnetic MgFe <sub>2</sub> O <sub>4</sub> nanospheres by ultrasonic spray pyrolysis technique for magnetic hyperthermia. <i>Advanced Powder Technology</i> , 2017, 28, 1696-1703.	2.0	16
26	Correlation of morphology and photoluminescence properties of gehlenite: Eu glassy phosphors. <i>International Journal of Applied Ceramic Technology</i> , 2017, 14, 56-62.	1.1	6
27	Droplet size prediction in ultrasonic nebulization for non-oxide ceramic powder synthesis. <i>Ultrasonics</i> , 2018, 84, 25-33.	2.1	10
28	Controlled synthesis of dense MgFe <sub>2</sub> O <sub>4</sub> nanospheres by ultrasonic spray pyrolysis technique: Effect of ethanol addition to precursor solvent. <i>Advanced Powder Technology</i> , 2018, 29, 283-288.	2.0	16
29	Magnetic Core/Shell Nanocomposites MgFe <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> for Biomedical Application: Synthesis and Properties. <i>Physics of the Solid State</i> , 2018, 60, 1752-1761.	0.2	15
30	Ultrasonic spray pyrolysis synthesis of Al, Zr, and Ti oxides multishell. <i>Journal of Physics: Conference Series</i> , 2019, 1221, 012026.	0.3	1
31	Fast synthesis and sintering of Li <sub>5</sub> La <sub>3</sub> Nb <sub>2</sub> O <sub>12</sub> garnet ceramic. <i>Materials Chemistry and Physics</i> , 2021, 257, 123848.	2.0	4
32	Ultrasonic Sprayed Aerosol for Ultrafine Ceramic Powder Synthesis. , 2021, , 69-82.		0
33	Fabrication of zirconia ceramics by sintering in a magnetic field. <i>Ceramics International</i> , 2021, 47, 6955-6964.	2.3	5
34	Cool, Dry, Nano-scale DIC Patterning of Delicate, Heterogeneous, Non-planar Specimens by Micro-mist Nebulization. <i>Experimental Mechanics</i> , 2021, 61, 917-937.	1.1	10
35	Spray Pyrolysis-Aerosol Deposition for the Production of Thick Yttria-Stabilized Zirconia Coatings. <i>Advanced Engineering Materials</i> , 2021, 23, 2100255.	1.6	9
36	Preparation and characterization of spray-pyrolyzed porous SiO <sub>2</sub> nanoparticles for low dielectric constant applications. <i>Journal of the Australian Ceramic Society</i> , 2021, 57, 1301-1307.	1.1	2

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37	Polycrystalline Erbium Phthalocyanine Thin Films Deposited on Silicon and Porous Silicon by Ultrasonic Spray Pyrolysis: Optical, Morphological, and Electrical Characterizations. Journal of Electronic Materials, 2021, 50, 6951-6963.	1.0	2
39	Investigation of the synthesis and the effect of precursor ratio of Al/Zn on annona squamosalâ€like mesoporous particles ZnAl <sub>2</sub> O <sub>4</sub> . International Journal of Ceramic Engineering & Science, 0, , .	0.5	0
40	Synthesis of Submicron, Nanostructured Spherical Powders of Y3Al5O12-Phases by the Method by Ultrasonic Spray Pyrolysis and Investigation of Their Structure and Properties. Ceramics, 2022, 5, 201-209.	1.0	2
41	Medical applications of zirconia and its derivatives. , 2023, , 379-418.		0
43	Synthesis of Thin Film Structures of Zirconium Oxide by Spray Pyrolysis. , 2023, , .		0