

Jung Hyun Kim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Characteristics of $\text{Li}_3\text{V}_2(\text{PO}_4)_3/\text{C}$ powders prepared by ultrasonic spray pyrolysis. <i>Journal of Power Sources</i> , 2011, 196, 6682-6687.	4.0	73
2	Electrochemical properties of micron-sized, spherical, meso- and macro-porous Co_3O_4 and CoO -carbon composite powders prepared by a two-step spray drying process. <i>Nanoscale</i> , 2014, 6, 4789.	2.8	36
3	Characteristics of Bi-based glass frit having similar mean size and morphology to those of silver powders at high firing temperatures. <i>Journal of Alloys and Compounds</i> , 2010, 497, 259-266.	2.8	28
4	Electrochemical properties of Li_2O - B_2O_3 glass-modified LiMn_2O_4 powders prepared by spray pyrolysis process. <i>Journal of Power Sources</i> , 2012, 210, 110-115.	4.0	25
5	Electrochemical properties of cobalt sulfide-carbon composite powders prepared by simple sulfidation process of spray-dried precursor powders. <i>Electrochimica Acta</i> , 2014, 137, 336-343.	2.6	24
6	Nanosized LiMn_2O_4 powders prepared by flame spray pyrolysis from aqueous solution. <i>Journal of Power Sources</i> , 2011, 196, 2858-2862.	4.0	23
7	Electrochemical properties of nano-sized $\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$ powders in the range from 56 to 101 nm prepared by flame spray pyrolysis. <i>Materials Chemistry and Physics</i> , 2012, 134, 254-259.	2.0	23
8	Preparation and electrochemical properties of glass-modified LiCoO_2 cathode powders. <i>Journal of Power Sources</i> , 2013, 244, 129-135.	4.0	22
9	Electrochemical properties of spherically shaped dense V_2O_5 cathode powders prepared directly by spray pyrolysis. <i>Journal of Power Sources</i> , 2012, 211, 84-91.	4.0	20
10	Preparation of nanometer AlN powders by combining spray pyrolysis with carbothermal reduction and nitridation. <i>Ceramics International</i> , 2011, 37, 1967-1971.	2.3	18
11	Characteristics of samaria-doped ceria nanoparticles prepared by spray pyrolysis. <i>Ceramics International</i> , 2010, 36, 465-471.	2.3	15
12	Electrochemical properties of $0.3\text{Li}_2\text{MnO}_3\text{-}0.7\text{LiNi}_0.5\text{Mn}_0.5\text{O}_2$ composite cathode powders prepared by large-scale spray pyrolysis. <i>Materials Research Bulletin</i> , 2012, 47, 2022-2026.	2.7	15
13	Superior electrochemical properties of Fe_2O_3 nanofibers with a porous core/dense shell structure formed from iron acetylacetonate-polyvinylpyrrolidone composite fibers. <i>Electrochimica Acta</i> , 2015, 154, 211-218.	2.6	13
14	Electrochemical properties of nanometer-sized $0.6\text{Li}_2\text{MnO}_3\text{-}0.4\text{LiNi}_0.5\text{Mn}_0.5\text{O}_2$ composite powders prepared by flame spray pyrolysis. <i>Ceramics International</i> , 2013, 39, 331-336.	2.3	12
15	Characteristics of ZnO - B_2O_3 - SiO_2 - CaO glass frits prepared by spray pyrolysis as inorganic binder for Cu electrode. <i>Journal of Alloys and Compounds</i> , 2011, 509, 8077-8081.	2.8	11
16	Nano-sized $\text{LiNi}_0.5\text{Mn}_1.5\text{O}_4$ cathode powders with good electrochemical properties prepared by high temperature flame spray pyrolysis. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1204-1208.	2.9	11
17	Firing characteristics of nano-sized glass powders prepared by flame spray pyrolysis for electrode application. <i>Journal of the Ceramic Society of Japan</i> , 2009, 117, 1311-1316.	0.5	7
18	$\text{BaMgAl}_{10}\text{O}_{17}$: Eu^{2+} phosphor powders prepared from precursor powders with a hollow and thin wall structure containing NH_4F flux. <i>Electronic Materials Letters</i> , 2010, 6, 81-86.	1.0	6

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19	Fine-sized Tb ₃ Al ₅ O ₁₂ :Ce phosphor powders prepared by spray pyrolysis from spray solution with ethylenediaminetetraacetic acid. <i>Electronic Materials Letters</i> , 2012, 8, 283-287.	1.0	5
20	Preparation of silver-glass composite powder and conducting film. <i>Journal of the Ceramic Society of Japan</i> , 2010, 118, 353-356.	0.5	2
21	Effect of preparation conditions on the properties of silver-glass composite powders prepared by spray pyrolysis. <i>Journal of the Ceramic Society of Japan</i> , 2010, 118, 25-29.	0.5	2
22	Properties of nano-sized glass powders prepared by flame spray pyrolysis as an inorganic binder in ink-jet printing. <i>Journal of the Ceramic Society of Japan</i> , 2010, 118, 613-616.	0.5	2
23	Eu-doped B ₂ O ₃ -ZnO-PbO glass phosphor powders with spherical shape and fine size prepared by spray pyrolysis. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 98, 671-677.	1.1	2
24	Characteristics of nano-sized Ag-Pd (70-30)-glass composite powders prepared by flame spray pyrolysis. <i>Journal of the Ceramic Society of Japan</i> , 2011, 119, 23-28.	0.5	1
25	Size-controlled glass frits with spherical shape for Al electrodes in Si solar cells. <i>Journal of the Ceramic Society of Japan</i> , 2011, 119, 954-960.	0.5	1
26	Characteristics of BaTiO ₃ -coated Ag powders directly prepared by spray pyrolysis. <i>Journal of the Ceramic Society of Japan</i> , 2012, 120, 15-20.	0.5	1
27	Sintering characteristics of nano-sized Ag-Pd-glass composite powders with high Pd content. <i>Journal of Materials Science</i> , 2012, 47, 7090-7098.	1.7	1
28	Characteristics of carbon-glass composite powders with spherical shape and submicron size prepared by spray pyrolysis from colloidal spray solution. <i>Journal of the Ceramic Society of Japan</i> , 2009, 117, 1277-1280.	0.5	0
29	Properties of La _{0.8} Sr _{0.2} Ca _{0.8} Mg _{0.2} O _{2.8} electrolyte formed from the nano-sized powders prepared by spray pyrolysis. <i>Journal of the Ceramic Society of Japan</i> , 2011, 119, 752-756.	0.5	0