Jung Sang Cho

List of Publications by Year in Descending Order

133 papers	3,529 citations	32 h-index	55 g-index
142 ext. papers	4,219 ext. citations	7.1 avg, IF	6.15 L-index

#	Paper	IF	Citations
133	Porous nitrogen-doped graphene nanofibers comprising metal organic framework-derived hollow and ultrafine layered double metal oxide nanocrystals as high-performance anodes for lithium-ion batteries. *Journal of Power Sources*, **2022**, 523, 231030	8.9	2
132	Stretchable self-charging energy integrated device of high storage efficiency. *Journal of Power Sources*, **2022**, 525, 231079	8.9	0
131	Nanofibers Comprising Interconnected Chain-Like Hollow N-Doped C Nanocages as 3D Free-Standing Cathodes for Li-S Batteries with Super-High Sulfur Content and Lean Electrolyte/Sulfur Ratio.. *Small Methods*, **2022**, e2200049	12.8	5
130	Hierarchically porous N-doped C nanofibers comprising TiO2 quantum dots and ZIF-8-derived hollow C nanocages as ultralight interlayer for stable Li□S batteries. *Composites Part B: Engineering*, **2022**, 237, 109856	10	1
129	One-pot synthesis strategy of sea urchin-like hollow microspheres comprising MoO nanorods attached via N-doped C as anodes for lithium-ion batteries. *Chemical Engineering Journal*, **2022**, 439, 135536	14.7	1
128	Recent Advances in Layered Metal-Oxide Cathodes for Application in Potassium-Ion Batteries.. *Advanced Science*, **2022**, e2105882	13.6	1
127	Porous Microspheres Comprising CoSe Nanorods Coated with N-Doped Graphitic C and Polydopamine-Derived C as Anodes for Long-Lived Na-Ion Batteries.. *Nano-Micro Letters*, **2022**, 14, 113	19.5	3
126	Conformation-dependent thermoelectric power factor of multilayer nanocomposites. *Applied Surface Science*, **2022**, 594, 153483	6.7	1
125	Nanofibers Comprising Interconnected Chain-Like Hollow N-Doped C Nanocages as 3D Free-Standing Cathodes for Li□S Batteries with Super-High Sulfur Content and Lean Electrolyte/Sulfur Ratio (Small Methods 5/2022). *Small Methods*, **2022**, 6, 2270030	12.8	
124	Self-supported hierarchically porous 3D carbon nanofiber network comprising Ni/Co/NiCo2O4 nanocrystals and hollow N-doped C nanocages as sulfur host for highly reversible Li□S batteries. *Chemical Engineering Journal*, **2022**, 446, 137141	14.7	1
123	Efficient synthesis of high areal capacity Si@graphite@SiC composite anode material via one-step electro-deoxidation. *Journal of Alloys and Compounds*, **2021**, 896, 163010	5.7	0
122	Hierarchical MCo2O4@Ni(OH)2 (M□=□Zn or Mn) core@shell architectures as electrode materials for asymmetric solid-state supercapacitors. *Journal of Energy Storage*, **2021**, 44, 103345	7.8	1
121	Rational Design of Perforated Bimetallic (Ni, Mo) Sulfides/N-doped Graphitic Carbon Composite Microspheres as Anode Materials for Superior Na-Ion Batteries.. *Small Methods*, **2021**, 5, e2100195	12.8	4
120	Synergetic effects of cation (K+) and anion (S2□)-doping on the structural integrity of Li/Mn-rich layered cathode material with considerable cyclability and high-rate capability for Li-ion batteries. *Electrochimica Acta*, **2021**, 366, 137471	6.7	10
119	Preparation of fully flexible lithium metal batteries with free-standing □Na0.33V2O5 cathodes and LAGP hybrid solid electrolytes. *Journal of Industrial and Engineering Chemistry*, **2021**, 94, 368-375	6.3	3
118	Optimization of high potential cathode materials and lithium conducting hybrid solid electrolyte for high-voltage all-solid-state batteries. *Electrochimica Acta*, **2021**, 365, 137349	6.7	5
117	Freestanding interlayers for Li□S batteries: design and synthesis of hierarchically porous N-doped C nanofibers comprising vanadium nitride quantum dots and MOF-derived hollow N-doped C nanocages. *Journal of Materials Chemistry A*, **2021**, 9, 11651-11664	13	11

116	Defect structures of sodium and chloride co-substituted hydroxyapatite and its osseointegration capacity. *Journal of Materials Science*, **2021**, 56, 5493-5508	4.3	4
115	A short review on dissolved lithium polysulfide catholytes for advanced lithium-sulfur batteries. *Korean Journal of Chemical Engineering*, **2021**, 38, 461-474	2.8	10
114	Hierarchically porous nanofibers comprising multiple core□shell Co3O4@graphitic carbon nanoparticles grafted within N-doped CNTs as functional interlayers for excellent Li□S batteries. *Chemical Engineering Journal*, **2021**, 426, 130805	14.7	11
113	One-dimensional porous nanostructure composed of few-layered MoSe2 nanosheets and highly densified-entangled-N-doped CNTs as anodes for Na ion batteries. *Chemical Engineering Journal*, **2021**, 425, 129051	14.7	7
112	Facile and scalable synthesis of silicon nanowires from waste rice husk silica by the molten salt process. *Journal of Hazardous Materials*, **2020**, 399, 122949	12.8	7
111	Stretchable electrolytes for stretchable/flexible energy storage systems □Recent developments. *Energy Storage Materials*, **2020**, 28, 315-324	19.4	11
110	Hierarchically Well-Developed Porous Graphene Nanofibers Comprising N-Doped Graphitic C-Coated Cobalt Oxide Hollow Nanospheres As Anodes for High-Rate Li-Ion Batteries. *Small*, **2020**, 16, e2002213	11	26
109	Fibrous network of highly integrated carbon nanotubes/MoO3 composite bundles anchored with MoO3 nanoplates for superior lithium ion battery anodes. *Journal of Industrial and Engineering Chemistry*, **2020**, 83, 438-448	6.3	14
108	Dataset on the effect of carbon sources on the morphology and crystallite size of Fe/C composite microspheres prepared by the spray drying process. *Data in Brief*, **2020**, 28, 105052	1.2	
107	High-performance quasi-solid-state flexible sodium metal battery: Substrate-free FeS2□ composite fibers cathode and polyimide film-stuck sodium metal anode. *Chemical Engineering Journal*, **2020**, 391, 123510	14.7	7
106	Inorganic narrow bandgap CsPb0.4Sn0.6I2.4Br0.6 perovskite solar cells with exceptional efficiency. *Nano Energy*, **2020**, 77, 105309	17.1	8
105	Freestanding flexible multilayered Sulfur□carbon nanotubes for Lithium□Sulfur battery cathodes. *Energy*, **2020**, 212, 118779	7.9	7
104	Effect of the Conformation Changes of Polyelectrolytes on Organic Thermoelectric Performances. *Macromolecular Research*, **2020**, 28, 997-1002	1.9	4
103	Porous SnO/C Nanofiber Anodes and LiFePO/C Nanofiber Cathodes with a Wrinkle Structure for Stretchable Lithium Polymer Batteries with High Electrochemical Performance. *Advanced Science*, **2020**, 7, 2001358	13.6	12
102	Sodium-Ion Batteries: Golden Bristlegrass-Like Hierarchical Graphene Nanofibers Entangled with N-Doped CNTs Containing CoSe2 Nanocrystals at Each Node as Anodes for High-Rate Sodium-Ion Batteries (Small 38/2020). *Small*, **2020**, 16, 2070207	11	
101	Golden Bristlegrass-Like Hierarchical Graphene Nanofibers Entangled with N-Doped CNTs Containing CoSe Nanocrystals at Each Node as Anodes for High-Rate Sodium-Ion Batteries. *Small*, **2020**, 16, e2003391	11	29
100	Recent progress on cesium lead/tin halide-based inorganic perovskites for stable and efficient solar cells: A review. *Solar Energy Materials and Solar Cells*, **2020**, 204, 110212	6.4	36
99	Porous Hybrid Nanofibers Comprising ZnSe/CoSe□Carbon with Uniformly Distributed Pores as Anodes for High-Performance Sodium-Ion Batteries. *Nanomaterials*, **2019**, 9,	5.4	17

98	Improving of the Photovoltaic Characteristics of Dye-Sensitized Solar Cells Using a Photoelectrode with Electrospun Porous TiO Nanofibers. *Nanomaterials*, **2019**, 9,	5.4	12
97	Dataset on the effect of heat-treatment temperature on the cycle and rate properties of MoSe/C composite nanofibers as anodes for sodium ion batteries. *Data in Brief*, **2019**, 24, 104018	1.2	1
96	New synthesis strategy for hollow NiO nanofibers with interstitial nanovoids prepared via electrospinning using camphene for anodes of lithium-ion batteries. *Journal of Industrial and Engineering Chemistry*, **2019**, 77, 76-82	6.3	20
95	Multi-channel-contained few-layered MoSe2 nanosheet/N-doped carbon hybrid nanofibers prepared using diethylenetriamine as anodes for high-performance sodium-ion batteries. *Journal of Industrial and Engineering Chemistry*, **2019**, 75, 100-107	6.3	26
94	Highly integrated and interconnected CNT hybrid nanofibers decorated with ron oxide as freestanding anodes for flexible lithium polymer batteries. *Journal of Materials Chemistry A*, **2019**, 7, 12480-12488	13	14
93	Large Scale Process for Low Crystalline MoO Carbon Composite Microspheres Prepared by One-Step Spray Pyrolysis for Anodes in Lithium-Ion Batteries. *Nanomaterials*, **2019**, 9,	5.4	14
92	Hierarchical yolk-shell CNT-(NiCo)O/C microspheres prepared by one-pot spray pyrolysis as anodes in lithium-ion batteries. *Chemical Engineering Journal*, **2019**, 368, 438-447	14.7	23
91	Dataset on the effect of the reaction temperature during spray pyrolysis for the synthesis of the hierarchical yolk-shell CNT-(NiCo)O/C microspheres. *Data in Brief*, **2019**, 25, 104302	1.2	1
90	Perovskite/polyethylene oxide composites: Toward perovskite solar cells without anti-solvent treatment. *Ceramics International*, **2019**, 45, 23399-23405	5.1	3
89	Advances in the synthesis and design of nanostructured materials by aerosol spray processes for efficient energy storage. *Nanoscale*, **2019**, 11, 19012-19057	7.7	22
88	Two-step growth of CsPbI3 Brx films employing dynamic CsBr treatment: toward all-inorganic perovskite photovoltaics with enhanced stability. *Journal of Materials Chemistry A*, **2019**, 7, 18488-18498	13	32
87	Recent Advances in Aerosol-Assisted Spray Processes for the Design and Fabrication of Nanostructured Metal Chalcogenides for Sodium-Ion Batteries. *Chemistry - an Asian Journal*, **2019**, 14, 3127-3140	4.5	16
86	Hierarchical (Ni,Co)Se2/CNT hybrid microspheres consisting of a porous yolk and embossed hollow thin shell for high-performance anodes in sodium-ion batteries. *Journal of Alloys and Compounds*, **2019**, 806, 1029-1038	5.7	21
85	Data on hollow NiO nanofibers prepared via electrospinning using camphene and subsequent various heat-treatment temperatures for anodes in lithium ion batteries. *Data in Brief*, **2019**, 25, 104074	1.2	
84	Designing metal oxide-vertical graphene nanosheets structures for 2.6 V aqueous asymmetric electrochemical capacitor. *Journal of Industrial and Engineering Chemistry*, **2019**, 72, 107-116	6.3	19
83	Nickel vanadate microspheres with numerous nanocavities synthesized by spray drying process as an anode material for Li-ion batteries. *Journal of Alloys and Compounds*, **2019**, 780, 326-333	5.7	14
82	Coral-Like Yolk-Shell-Structured Nickel Oxide/Carbon Composite Microspheres for High-Performance Li-Ion Storage Anodes. *Nano-Micro Letters*, **2019**, 11, 3	19.5	37
81	Scalable synthesis of NiMoO4 microspheres with numerous empty nanovoids as an advanced anode material for Li-ion batteries. *Journal of Power Sources*, **2018**, 379, 278-287	8.9	54

80	Design and synthesis of tube-in-tube structured NiO nanobelts with superior electrochemical properties for lithium-ion storage. *Chemical Engineering Journal*, **2018**, 347, 889-899	14.7	52
79	Iron diselenide combined with hollow graphitic carbon nanospheres as a high-performance anode material for sodium-ion batteries. *Chemical Engineering Journal*, **2018**, 339, 97-107	14.7	37
78	One-dimensional nanostructure comprising MoSe2 nanosheets and carbon with uniformly defined nanovoids as an anode for high-performance sodium-ion batteries. *Chemical Engineering Journal*, **2018**, 351, 559-568	14.7	58
77	Mesoporous reduced graphene oxide/WSe2 composite particles for efficient sodium-ion batteries and hydrogen evolution reactions. *Applied Surface Science*, **2018**, 459, 309-317	6.7	31
76	Rattle-type porous Sn/C composite fibers with uniformly distributed nanovoids containing metallic Sn nanoparticles for high-performance anode materials in lithium-ion batteries. *Nanoscale*, **2018**, 10, 21483-21491	7.7	45
75	Three-dimensionally ordered mesoporous multicomponent (Ni, Mo) metal oxide/N-doped carbon composite with superior Li-ion storage performance. *Nanoscale*, **2018**, 10, 18734-18741	7.7	26
74	Design and synthesis of interconnected hierarchically porous anatase titanium dioxide nanofibers as high-rate and long-cycle-life anodes for lithium-ion batteries. *Nanoscale*, **2018**, 10, 13539-13547	7.7	13
73	1-D nanostructure comprising porous Fe2O3/Se composite nanorods with numerous nanovoids, and their electrochemical properties for use in lithium-ion batteries. *Journal of Materials Chemistry A*, **2017**, 5, 10632-10639	13	35
72	Porous FeS nanofibers with numerous nanovoids obtained by Kirkendall diffusion effect for use as anode materials for sodium-ion batteries. *Nano Research*, **2017**, 10, 897-907	10	115
71	Carbon/two-dimensional MoTe core/shell-structured microspheres as an anode material for Na-ion batteries. *Nanoscale*, **2017**, 9, 1942-1950	7.7	61
70	Electrochemical properties of micron-sized Co3O4 hollow powders consisting of size controlled hollow nanospheres. *Journal of Alloys and Compounds*, **2016**, 689, 554-563	5.7	16
69	Graphitic Carbon-Coated FeSe2 Hollow Nanosphere-Decorated Reduced Graphene Oxide Hybrid Nanofibers as an Efficient Anode Material for Sodium Ion Batteries. *Scientific Reports*, **2016**, 6, 23699	4.9	111
68	Na-ion Storage Performances of FeSe(x) and Fe2O3 Hollow Nanoparticles-Decorated Reduced Graphene Oxide Balls prepared by Nanoscale Kirkendall Diffusion Process. *Scientific Reports*, **2016**, 6, 22432	4.9	54
67	Applying Nanoscale Kirkendall Diffusion for Template-Free, Kilogram-Scale Production of SnO2 Hollow Nanospheres via Spray Drying System. *Scientific Reports*, **2016**, 6, 23915	4.9	29
66	First Introduction of NiSe2 to Anode Material for Sodium-Ion Batteries: A Hybrid of Graphene-Wrapped NiSe2/C Porous Nanofiber. *Scientific Reports*, **2016**, 6, 23338	4.9	135
65	Design and synthesis of multiroom-structured metal compounds□carbon hybrid microspheres as anode materials for rechargeable batteries. *Nano Energy*, **2016**, 26, 466-478	17.1	71
64	Design and synthesis of metal oxide hollow nanopowders for lithium-ion batteries by combining nanoscale Kirkendall diffusion and flame spray pyrolysis. *Ceramics International*, **2016**, 42, 5461-5471	5.1	8
63	All-in-One Beaker Method for Large-Scale Production of Metal Oxide Hollow Nanospheres Using Nanoscale Kirkendall Diffusion. *ACS Applied Materials & Interfaces*, **2016**, 8, 3800-9	9.5	13

62	Electrochemical properties of CuO hollow nanopowders prepared from formless CuO composite via nanoscale Kirkendall diffusion process. *Journal of Alloys and Compounds*, **2016**, 671, 74-83	5.7	10
61	Strategy for yolk-shell structured metal oxide-carbon composite powders and their electrochemical properties for lithium-ion batteries. *Carbon*, **2016**, 100, 137-144	10.4	33
60	Effect of precursor concentration and spray pyrolysis temperature upon hydroxyapatite particle size and density. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2016**, 104, 422-30	3.5	25
59	Preparation of Hollow FeO Nanorods and Nanospheres by Nanoscale Kirkendall Diffusion, and Their Electrochemical Properties for Use in Lithium-Ion Batteries. *Scientific Reports*, **2016**, 6, 38933	4.9	49
58	Superior electrochemical properties of SiO2-doped Co3O4 hollow nanospheres obtained through nanoscale Kirkendall diffusion for lithium-ion batteries. *Journal of Alloys and Compounds*, **2016**, 680, 366-372	5.7	13
57	Extremely sensitive ethanol sensor using Pt-doped SnO2 hollow nanospheres prepared by Kirkendall diffusion. *Sensors and Actuators B: Chemical*, **2016**, 234, 353-360	8.5	68
56	Iron Telluride-Decorated Reduced Graphene Oxide Hybrid Microspheres as Anode Materials with Improved Na-Ion Storage Properties. *ACS Applied Materials & Interfaces*, **2016**, 8, 21343-9	9.5	52
55	Electrochemical properties of MnSO and MnO composite powders prepared via spray drying process. *Journal of Power Sources*, **2015**, 295, 9-15	8.9	27
54	Multiphase and Double-Layer NiFe2O4@NiO-Hollow-Nanosphere-Decorated Reduced Graphene Oxide Composite Powders Prepared by Spray Pyrolysis Applying Nanoscale Kirkendall Diffusion. *ACS Applied Materials & Interfaces*, **2015**, 7, 16842-9	9.5	50
53	Two-step spray-drying synthesis of dense and highly luminescent YAG:Ce3+ phosphor powders with spherical shape. *RSC Advances*, **2015**, 5, 8345-8350	3.7	16
52	Design and Synthesis of Bubble-Nanorod-Structured Fe2O3-Carbon Nanofibers as Advanced Anode Material for Li-Ion Batteries. *ACS Nano*, **2015**, 9, 4026-35	16.7	376
51	Design and synthesis of micron-sized spherical aggregates composed of hollow Fe2O3 nanospheres for use in lithium-ion batteries. *Nanoscale*, **2015**, 7, 8361-7	7.7	54
50	Novel cobalt oxide-nanobubble-decorated reduced graphene oxide sphere with superior electrochemical properties prepared by nanoscale Kirkendall diffusion process. *Nano Energy*, **2015**, 17, 17-26	17.1	67
49	Synthesis and electrochemical properties of spherical and hollow-structured NiO aggregates created by combining the Kirkendall effect and Ostwald ripening. *Nanoscale*, **2015**, 7, 19620-6	7.7	59
48	Sodium-ion storage properties of nickel sulfide hollow nanospheres/reduced graphene oxide composite powders prepared by a spray drying process and the nanoscale Kirkendall effect. *Nanoscale*, **2015**, 7, 16781-8	7.7	135
47	Synthesis of NiO Nanofibers Composed of Hollow Nanospheres with Controlled Sizes by the Nanoscale Kirkendall Diffusion Process and Their Electrochemical Properties. *ACS Applied Materials & Interfaces*, **2015**, 7, 25641-7	9.5	44
46	Yolk-shell structured Gd2O3:Eu(3+) phosphor prepared by spray pyrolysis: the effect of preparation conditions on microstructure and luminescence properties. *Physical Chemistry Chemical Physics*, **2015**, 17, 1325-31	3.6	19
45	Electrochemical properties of fiber-in-tube- and filled-structured TiO2 nanofiber anode materials for lithium-ion batteries. *Chemistry - A European Journal*, **2015**, 21, 11082-7	4.8	29

44	Nanofibers Comprising Yolk-Shell Sn@void@SnO/SnO and Hollow SnO/SnO and SnO Nanospheres via the Kirkendall Diffusion Effect and Their Electrochemical Properties. *Small*, **2015**, 11, 4673-81	11	110
43	Superior Electrochemical Properties of Nanofibers Composed of Hollow CoFe2 O4 Nanospheres Covered with Onion-Like Graphitic Carbon. *Chemistry - A European Journal*, **2015**, 21, 18202-8	4.8	26
42	Synthesis of hollow cobalt oxide nanopowders by a salt-assisted spray pyrolysis process applying nanoscale Kirkendall diffusion and their electrochemical properties. *Physical Chemistry Chemical Physics*, **2015**, 17, 31988-94	3.6	9
41	Effect of grain size and density of spray-pyrolyzed hydroxyapatite particles on the sinterability of hydroxyapatite disk. *Ceramics International*, **2014**, 40, 6691-6697	5.1	10
40	Yolk shell structured Y2O3:Eu3+ phosphor powders with enhanced photoluminescence properties prepared by spray pyrolysis. *CrystEngComm*, **2014**, 16, 6170	3.3	13
39	Large scale production of yolk-shell tricalcium phosphate powders, and their bioactivities as novel bone substitutes. *Physical Chemistry Chemical Physics*, **2014**, 16, 16962-7	3.6	5
38	Large-scale production of spherical Y2O3:Eu3+ phosphor powders with narrow size distribution using a two-step spray drying method. *RSC Advances*, **2014**, 4, 62965-62970	3.7	9
37	Large-scale production of fine-sized Zn2SiO4:Mn phosphor microspheres with a dense structure and good photoluminescence properties by a spray-drying process. *RSC Advances*, **2014**, 4, 43606-43611	3.7	12
36	Advanced yolk shell hydroxyapatite for bone graft materials: kilogram-scale production and structure-in vitro bioactivity relationship. *RSC Advances*, **2014**, 4, 25234	3.7	8
35	Enhanced bioactivity and osteoconductivity of hydroxyapatite through chloride substitution. *Journal of Biomedical Materials Research - Part A*, **2014**, 102, 455-69	5.4	40
34	Enhanced osteoconductivity of sodium-substituted hydroxyapatite by system instability. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2014**, 102, 1046-62	3.5	45
33	Preparation of a novel anorganic bovine bone xenograft with enhanced bioactivity and osteoconductivity. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2013**, 101, 855-69	3.5	16
32	Formation mechanism of nano-sized hydroxyapatite powders through spray pyrolysis of a calcium phosphate solution containing polyethylene glycol. *Journal of the European Ceramic Society*, **2013**, 33, 233-241	6	37
31	The densification mechanism of hydroxyapatite particles during spray pyrolysis with variable carrier gas rates of flow. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2012**, 100, 493-500	3.5	5
30	The Size Control of Hydroxyapatite Particles during Spray Pyrolysis. *Key Engineering Materials*, **2012** , 529-530, 66-69	0.4	1
29	Preparation of Submicron-Sized Hydroxyapatite Powders by Spray Pyrolysis. *Key Engineering Materials*, **2011**, 493-494, 215-218	0.4	1
28	Recent Advances and Results in Acoustic Inertial Confinement Bubble Nuclear Fusion. *ACS Symposium Series*, **2010**, 139-157	0.4	
27	Synthesis of nano-sized biphasic calcium phosphate ceramics with spherical shape by flame spray pyrolysis. *Journal of Materials Science: Materials in Medicine*, **2010**, 21, 1143-9	4.5	30

26	Bioactivity and Osteoconductivity of Biphasic Calcium Phosphates. *Bioceramics Development and Applications*, **2010**, 1, 1-3		8
25	Synthesis of spherical shape borate-based bioactive glass powders prepared by ultrasonic spray pyrolysis. *Ceramics International*, **2009**, 35, 2103-2109	5.1	11
24	Size control of Pb-based glass powders between 38 and 84 nm in the flame spray pyrolysis. *Journal of Electroceramics*, **2009**, 23, 236-241	1.5	2
23	Nano-sized □nd □TCP powders prepared by high temperature flame spray pyrolysis. *Materials Science and Engineering C*, **2009**, 29, 1288-1292	8.3	15
22	Characteristics of Ce0.6Tb0.4MgAl11O19 phosphor powders prepared by high temperature flame spray pyrolysis. *Journal of Alloys and Compounds*, **2009**, 472, 367-372	5.7	1
21	Characteristics of size controlled hydroxyapatite powders with nanometer size prepared by flame spray pyrolysis. *Journal of the Ceramic Society of Japan*, **2009**, 117, 1060-1064	1	2
20	Morphologies and crystal structures of nano-sized Ba1□SrxTiO3 primary particles prepared by flame spray pyrolysis. *Materials Research Bulletin*, **2008**, 43, 1789-1799	5.1	16
19	Characteristics of ZnO□B2O3□CaO□Na2O□P2O5 glass powders prepared by spray pyrolysis. *Journal of Non-Crystalline Solids*, **2008**, 354, 3012-3018	3.9	8
18	Nano-sized hydroxyapatite powders prepared by flame spray pyrolysis. *Journal of Alloys and Compounds*, **2008**, 464, 282-287	5.7	63
17	Effects of solvent on the properties of nano-sized glass powders prepared by flame spray pyrolysis. *Journal of the Ceramic Society of Japan*, **2008**, 116, 334-340	1	5
16	Spherical shape BaNd2Ti5O14 powders prepared by spray pyrolysis. *Journal of the Ceramic Society of Japan*, **2008**, 116, 1289-1294	1	
15	Fine-sized BaMgAl10O17:Eu2+ phosphor powders with plate-like morphology prepared by AlF3 flux-assisted spray pyrolysis. *Journal of the Ceramic Society of Japan*, **2008**, 116, 584-588	1	6
14	Characteristics of nano-sized pb-based glass powders by high temperature spray pyrolysis method. *Journal of the Ceramic Society of Japan*, **2008**, 116, 600-604	1	12
13	Effect of alkali metal on the properties of Bi-based glass powders prepared by spray pyrolysis. *Applied Physics A: Materials Science and Processing*, **2008**, 90, 733-737	2.6	4
12	Modeling, analysis and prediction of neutron emission spectra from acoustic cavitation bubble fusion experiments. *Nuclear Engineering and Design*, **2008**, 238, 2779-2791	1.8	11
11	Nano-sized barium titanate powders with tetragonal crystal structure prepared by flame spray pyrolysis. *Journal of the European Ceramic Society*, **2008**, 28, 109-115	6	17
10	Green-Emitting Silicate Phosphor Under Long Wavelength Ultraviolet Prepared by High Temperature Flame Spray Pyrolysis. *Korean Journal of Materials Research*, **2008**, 18, 77-83	0.2	
9	Effects of the Characteristics of Precursor Powders and AlF3Flux on the Properties of Blue-Emitting BAM:Eu Phosphor Powders. *Korean Journal of Materials Research*, **2008**, 18, 137-142	0.2	

8	Spherical shape BaO-ZnO-B2O3-SiO2 glass powders prepared by spray pyrolysis. *Applied Physics A: Materials Science and Processing*, **2007**, 89, 769-774	2.6	8
7	Spherical Shape PbO-B2O3-SiO2 Glass Powders Prepared by Flame Spray Pyrolysis. *Journal of the Ceramic Society of Japan*, **2007**, 115, 483-486	1	1
6	Formation of BaMgAl10O17:Eu Phosphor Particles with Spherical Shape and Filled Morphology in the Flame Spray Pyrolysis. *Journal of the Ceramic Society of Japan*, **2007**, 115, 530-535	1	4
5	Additional evidence of nuclear emissions during acoustic cavitation. *Physical Review E*, **2004**, 69, 036109	2.4	67
4	Evidence for nuclear emissions during acoustic cavitation. *Science*, **2002**, 295, 1868-73	33.3	222
3	Effects of polymer concentration and zone drawing on the structure and properties of biodegradable poly(butylene succinate) film. *Polymer*, **2000**, 41, 9055-9062	3.9	28
2	Bilateral subperiosteal haematoma after endoscopic sinus surgery. *British Journal of Ophthalmology*, **1998**, 82, 100	5.5	8
1	At-speed logic BIST for IP cores		5