# Kyeong Youl Jung

List of Publications by Year
in descending order



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|---|---|---|---|
| 113 papers | 2,908 citations | 172207 29 h-index | 197535 49 g-index |
| 113 all docs | 113 docs citations | 113 times ranked | 3369 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Enhanced photoactivity of silica-embedded titania particles prepared by solâ€“gel process for the decomposition of trichloroethylene. Applied Catalysis B: Environmental, 2000, 25, 249-256. | 10.8 | 220 |
| 2 | Anatase-phase titania: preparation by embedding silica and photocatalytic activity for the decomposition of trichloroethylene. Journal of Photochemistry and Photobiology A: Chemistry, 1999, 127, 117-122. | 2.0 | 164 |
| 3 | One-Pot Facile Synthesis of Ant-Cave-Structured Metal Oxideâ€“Carbon Microballs by Continuous Process for Use as Anode Materials in Li-Ion Batteries. Nano Letters, 2013, 13, 5462-5466. | 4.5 | 151 |
| 4 | Luminescent Properties of (Sr, Zn)Al2O4:Eu2+,B3+Particles as a Potential Green Phosphor for UV LEDs. Chemistry of Materials, 2006, 18, 2249-2255. | 3.2 | 116 |
| 5 | Effect of surface area and crystallite size on luminescent intensity of Y2O3:Eu phosphor prepared by spray pyrolysis. Materials Letters, 2005, 59, 2451-2456. | 1.3 | 88 |
| 6 | Luminescent Properties of (Ba,Sr)MgAl10O17:Mn,Eu Green Phosphor Prepared by Spray Pyrolysis under VUV Excitation. Chemistry of Materials, 2005, 17, 2729-2734. | 3.2 | 86 |
| 7 | Enhanced luminescent properties of Y3Al5O12:Tb3+,Ce3+ phosphor prepared by spray pyrolysis. Journal of Luminescence, 2007, 126, 469-474. | 1.5 | 80 |
| 8 | Linear relationship between the crystallite size and the photoactivity of non-porous titania ranging from nanometer to micrometer size. Applied Catalysis A: General, 2002, 224, 229-237. | 2.2 | 76 |
| 9 | Photoactivity of SiO2/TiO2 and ZrO2/TiO2 mixed oxides prepared by solâ€“gel method. Materials Letters, 2004, 58, 2897-2900. | 1.3 | 75 |
| 10 | Photoluminescence and photoactivity of titania particles prepared by the solâ€“gel technique: effect of calcination temperature. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 170, 247-252. | 2.0 | 67 |
| 11 | Amorphous GeO<sub>x</sub>-Coated Reduced Graphene Oxide Balls with Sandwich Structure for Long-Life Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2015, 7, 13952-13959. | 4.0 | 63 |
| 12 | Preparation of nano-sized BaTiO3 particle by citric acid-assisted spray pyrolysis. Journal of Alloys and Compounds, 2005, 395, 280-285. | 2.8 | 60 |
| 13 | Correlation of photoluminescence of (Y, Ln)VO4:Eu3+ (Ln=Gd and La) phosphors with their crystal structures. Solid State Communications, 2005, 133, 651-656. | 0.9 | 58 |
| 14 | Nano-sized ceria particles prepared by spray pyrolysis using polymeric precursor solution. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 127, 99-104. | 1.7 | 58 |
| 15 | Morphology Control and Optimization of Luminescent Property of YBO[sub 3]:Tb Phosphor Particles Prepared by Spray Pyrolysis. Journal of the Electrochemical Society, 2004, 151, H69. | 1.3 | 45 |
| 16 | Characterization of mesoporous alumina particles prepared by spray pyrolysis of Al(NO3)2Â·9H2O precursor: Effect of CTAB and urea. Microporous and Mesoporous Materials, 2010, 128, 85-90. | 2.2 | 45 |
| 17 | Improved photoluminescence of BaMgAl10O17 blue phosphor prepared by spray pyrolysis. Journal of Luminescence, 2003, 105, 127-133. | 1.5 | 43 |
| 18 | Eu-doped barium strontium silicate phosphor particles prepared from spray solution containing NH4Cl flux by spray pyrolysis. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 121, 81-85. | 1.7 | 43 |

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|---|---|---|---|
| 19 | Synthesis of mesoporous spherical silica via spray pyrolysis: Pore size control and evaluation of performance in paclitaxel pre-purification. Microporous and Mesoporous Materials, 2013, 165, 219-227. | 2.2 | 42 |
| 20 | Luminescence enhancement of Eu-doped calcium magnesium silicate blue phosphor for UV-LED application. Journal of Luminescence, 2009, 129, 615-619. | 1.5 | 41 |
| 21 | Phase control and photocatalytic properties of nano-sized titania particles by gas-phase pyrolysis of TiCl4. Catalysis Communications, 2004, 5, 491-497. | 1.6 | 40 |
| 22 | Densification and Photoluminescence Improvement of Y[sub 2]O[sub 3] Phosphor Particles Prepared by Spray Pyrolysis. Electrochemical and Solid-State Letters, 2005, 8, H17. | 2.2 | 39 |
| 23 | Preparation of CaMgSi2O6:Eu blue phosphor particles by spray pyrolysis and its VUV characteristics. Materials Chemistry and Physics, 2006, 98, 330-336. | 2.0 | 38 |
| 24 | Preparation of solid nickel nanoparticles by large-scale spray pyrolysis of Ni(NO3)2Â·6H2O precursor: Effect of temperature and nickel acetate on the particle morphology. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2007, 137, 10-19. | 1.7 | 37 |
| 25 | Improved capacitive deionization of sulfonated carbon/titania hybrid electrode. Electrochimica Acta, 2018, 270, 543-551. | 2.6 | 37 |
| 26 | Macroporous Fe<sub>3</sub>O<sub>4</sub>/Carbon Composite Microspheres with a Short Li<sup>+</sup> Diffusion Pathway for the Fast Charge/Discharge of Lithium Ion Batteries. Chemistry - A European Journal, 2014, 20, 11078-11083. | 1.7 | 36 |
| 27 | Effect of calcination temperature and addition of silica, zirconia, alumina on the photocatalytic activity of titania. Korean Journal of Chemical Engineering, 2001, 18, 879-888. | 1.2 | 34 |
| 28 | Title is missing!. Journal of Materials Science Letters, 1997, 16, 1848-1849. | 0.5 | 32 |
| 29 | Phosphor layer formed from the Zn2SiO4:Mn phosphor particles with spherical shape and fine size. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 117, 210-215. | 1.7 | 32 |
| 30 | Preparation of BaMgAl10O17:Eu blue phosphor by flame-assisted spray pyrolysis: photoluminescence properties of powder and film under VUV excitation. Materials Letters, 2004, 58, 2161-2165. | 1.3 | 29 |
| 31 | The enhancement of photoluminescence characteristics of Eu-doped barium strontium silicate phosphor particles by co-doping materials. Journal of Alloys and Compounds, 2005, 402, 246-250. | 2.8 | 29 |
| 32 | Effective energy transfer between Ce3+and Eu2+ in CaAl2Si2O8 host under vacuum ultraviolet illumination. Journal of Luminescence, 2008, 128, 2004-2007. | 1.5 | 29 |
| 33 | Luminescence Characteristics of Y[sub 3]Al[sub 5â^'2y](Mg,Si)[sub y]O[sub 12]:Ce Phosphor Prepared by Spray Pyrolysis. Journal of the Electrochemical Society, 2010, 157, H1135. | 1.3 | 29 |
| 34 | The characteristics of nano-sized Gd-doped CeO2 particles prepared by spray pyrolysis. Journal of Alloys and Compounds, 2005, 398, 240-244. | 2.8 | 28 |
| 35 | Enhancement of light-harvesting efficiency of dye-sensitized solar cells via forming TiO2 composite double layers with down/up converting phosphor dispersion. RSC Advances, 2014, 4, 10039. | 1.7 | 28 |
| 36 | Preparation of Fine-Sized SrSi[sub 2]O[sub 2-Î´]N[sub 2+2/3Î´]:Eu[sup 2+] Phosphor by Spray Pyrolysis and its Luminescent Characteristics. Electrochemical and Solid-State Letters, 2008, 11, J64. | 2.2 | 25 |

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| 37 | Co-doping effect of monovalent alkali metals on optical properties of CeO2:Eu nanophosphor prepared by spray pyrolysis and application for preparing pearlescent pigments with red emission. Journal of Luminescence, 2017, 192, 1313-1321. | 1.5 | 25 |
| 38 | Improved thermal resistance of spherical BaMgAl10O17:Eu blue phosphor prepared by spray pyrolysis. Journal of Luminescence, 2005, 115, 91-96. | 1.5 | 24 |
| 39 | Neutron Rietveld Analysis for Optimized CaMgSi2O6:Eu2+ and its Luminescent Properties. Journal of Materials Research, 2005, 20, 2061-2066. | 1.2 | 24 |
| 40 | Luminescence comparison of YAG:Ce phosphors prepared by microwave heating and precipitation methods. Physica B: Condensed Matter, 2010, 405, 1615-1618. | 1.3 | 24 |
| 41 | Direct electrochemical reduction of titanium dioxide in molten lithium chloride. Journal of Industrial and Engineering Chemistry, 2012, 18, 438-442. | 2.9 | 23 |
| 42 | DMF effect on the morphology and the luminescence properties of Y2O3:Eu3+ red phosphor prepared by spray pyrolysis. Journal of Industrial and Engineering Chemistry, 2008, 14, 224-229. | 2.9 | 22 |
| 43 | Preparation of mesoporous V2O5/TiO2 via spray pyrolysis and its application to the catalytic conversion of 1, 2-dichlorobenzene. Journal of Industrial and Engineering Chemistry, 2011, 17, 144-148. | 2.9 | 22 |
| 44 | Yolkâ€“shell structured Gd<sub>2</sub>O<sub>3</sub>:Eu<sup>3+</sup> phosphor prepared by spray pyrolysis: the effect of preparation conditions on microstructure and luminescence properties. Physical Chemistry Chemical Physics, 2015, 17, 1325-1331. | 1.3 | 22 |
| 45 | Preparation and luminescence characterization of fine-sized LaSr2AlO5:Ce phosphor prepared by spray pyrolysis. Journal of Luminescence, 2011, 131, 1487-1491. | 1.5 | 21 |
| 46 | Preparation of Y<sub>2</sub>O<sub>3</sub> Particles by Flame Spray Pyrolysis with Emulsion. Langmuir, 2009, 25, 3402-3406. | 1.6 | 19 |
| 47 | Luminescence optimization of Eu-doped LnAl3(BO3)4 (Ln=Y, Gd) red phosphor using spray pyrolysis. Journal of Luminescence, 2010, 130, 1970-1974. | 1.5 | 19 |
| 48 | Improvement of capacitive deionization performance via using a Tiron-grafted TiO2 nanoparticle layer on porous carbon electrode. Korean Journal of Chemical Engineering, 2018, 35, 272-282. | 1.2 | 19 |
| 49 | Cathodoluminescence characteristics of particles and film of (Y, Zn)2O3:Eu phosphor prepared by spray pyrolysis. Journal of Luminescence, 2007, 127, 391-396. | 1.5 | 18 |
| 50 | Removal of sulfur dioxide from dibenzothiophene sulfone over Mg-based oxide catalysts prepared by spray pyrolysis. Korean Journal of Chemical Engineering, 2010, 27, 459-464. | 1.2 | 18 |
| 51 | Luminescence Comparison and Enhancement of Ce-doped Yttrium Aluminum Garnet Phosphor via Cation Substitution and Adding Flux. Journal of the Electrochemical Society, 2011, 158, H697. | 1.3 | 18 |
| 52 | Evaluation of adsorbents for separation and purification of paclitaxel from plant cell cultures. Process Biochemistry, 2012, 47, 331-334. | 1.8 | 18 |
| 53 | Two-step spray-drying synthesis of dense and highly luminescent YAG:Ce<sup>3+</sup> phosphor powders with spherical shape. RSC Advances, 2015, 5, 8345-8350. | 1.7 | 18 |
| 54 | An aerosol synthesized CeO<sub>2</sub>:Eu<sup>3+</sup>/Na<sup>+</sup> red nanophosphor with enhanced photoluminescence. RSC Advances, 2016, 6, 81203-81210. | 1.7 | 18 |

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| 55 | Red-Emitting Phosphor Particles with Spherical Shape, Dense Morphology, and High Luminescent Efficiency under Ultraviolet. Japanese Journal of Applied Physics, 2004, 43, 5302-5306. | 0.8 | 16 |
| 56 | Effect of Aluminum Polycation Solution on the Morphology and VUV Characteristics of BaMgAl[sub 10]O[sub 17] Blue Phosphor Prepared by Spray Pyrolysis. Electrochemical and Solid-State Letters, 2003, 6, H27. | 2.2 | 15 |
| 57 | Catalytic Pyrolysis of Oilsand Bitumen Over Nanoporous Catalysts. Journal of Nanoscience and Nanotechnology, 2011, 11, 759-762. | 0.9 | 15 |
| 58 | Capacitance Improvement and Electrochemical Characteristics of Silica-Coated Carbon Electrodes for Capacitive Deionization Application. Journal of the Electrochemical Society, 2012, 159, E198-E203. | 1.3 | 15 |
| 59 | Vacuum Ultraviolet Characteristics of Fine GdPO4:Tb Phosphor Particles With Spherical Shape. Japanese Journal of Applied Physics, 2002, 41, 5590-5593. | 0.8 | 14 |
| 60 | 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. | 1.7 | 13 |
| 61 | Size-dependent luminescent properties of hollow and dense BaMgAl10O17: Eu blue phosphor particles prepared by spray pyrolysis. Korean Journal of Chemical Engineering, 2004, 21, 1072-1080. | 1.2 | 12 |
| 62 | Morphology control and luminescent property of Y3Al5O12:Tb particles prepared by spray pyrolysis. Materials Research Bulletin, 2005, 40, 2212-2218. | 2.7 | 12 |
| 63 | Fabrication of dense BaMgAl10O17:Eu2+ phosphor particles by spray pyrolysis. Journal of Alloys and Compounds, 2005, 390, 189-193. | 2.8 | 12 |
| 64 | Luminescence Characteristics of Eu-Doped Calcium Magnesium Chlorosilicate Phosphor Particles Prepared by Spray Pyrolysis. Japanese Journal of Applied Physics, 2006, 45, 1617-1622. | 0.8 | 12 |
| 65 | Evaluation of surface area of mesoporous silica adsorbents for separation and purification of paclitaxel. Microporous and Mesoporous Materials, 2013, 180, 109-113. | 2.2 | 12 |
| 66 | Nanostructured Fe<sub>2</sub>O<sub>3</sub>/TiO<sub>2</sub> composite particles with enhanced NIR reflectance for application to LiDAR detectable cool pigments. RSC Advances, 2021, 11, 16834-16840. | 1.7 | 12 |
| 67 | Luminescence characteristics and optimization of (La,Gd)Sr2(Al,B)O5:Ce phosphor for white light emitting diodes. Journal of Luminescence, 2012, 132, 1376-1381. | 1.5 | 11 |
| 68 | Alumina-Precursor Nanoparticles Prepared by Partial Hydrolysis of AlCl<sub>3</sub> Vapor in Tubular Flow Reactor: Effect of Hydrolysis Conditions on Particle Size Distribution. Industrial & Engineering Chemistry Research, 2014, 53, 10372-10379. | 1.8 | 11 |
| 69 | Enhanced upconversion luminescence of GdVO4:Er3+/Yb3+ prepared by spray pyrolysis using organic additives. RSC Advances, 2019, 9, 20002-20008. | 1.7 | 11 |
| 70 | Luminescence Optimization of M[sub 3]MgSi[sub 2]O[sub 8]:Eu[sup 2+] Phosphor by Spray Pyrolysis Combined with Combinatorial Chemistry for UV-LED Application. Journal of the Electrochemical Society, 2009, 156, J129. | 1.3 | 10 |
| 71 | Influence of Nanopores of MCM-41 and SBA-15 Confining (<I>n</I>-BuCp)<SUB>2</SUB>ZrCl<SUB>2</SUB> on Copolymerization of Ethylene-<I>Î±</I>-Olefin. Journal of Nanoscience and Nanotechnology, 2010, 10, 180-185. | 0.9 | 10 |
| 72 | Synthesis and luminescence characteristics of fine-sized Ba<sub>3</sub>Si<sub>6</sub>O<sub>12</sub>N<sub>2</sub>:Eu green phosphor through spray pyrolysis using TEOS/Si<sub>3</sub>N<sub>4</sub> mixed precursors. RSC Advances, 2017, 7, 44759-44765. | 1.7 | 10 |

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| 73 | Aerosol synthesis of TiO<sub>2</sub>:Er<sup>3+</sup>/Yb<sup>3+</sup> submicron-sized spherical particles and upconversion optimization for application as anti-counterfeiting materials. RSC Advances, 2020, 10, 16323-16329. | 1.7 | 10 |
| 74 | Precursor Type Influence on the Morphology and VUV Characteristics of GdPO[sub 4]:Tb Phosphor Particles Prepared by Spray Pyrolysis. Electrochemical and Solid-State Letters, 2002, 5, H31. | 2.2 | 9 |
| 75 | Effect of Boric Acid Flux and Drying Control Chemical Additive on the Characteristics of Y2O3:Eu Phosphor Particles Prepared by Spray Pyrolysis. Japanese Journal of Applied Physics, 2006, 45, 9083-9087. | 0.8 | 9 |
| 76 | Luminescence optimization of MBO3:Eu3+ (M=Y, Gd, Al) red phosphor by spray pyrolysis using combinatorial chemistry. Physica B: Condensed Matter, 2010, 405, 3195-3199. | 1.3 | 9 |
| 77 | Large-scale production of spherical Y<sub>2</sub>O<sub>3</sub>:Eu<sup>3+</sup> phosphor powders with narrow size distribution using a two-step spray drying method. RSC Advances, 2014, 4, 62965-62970. | 1.7 | 9 |
| 78 | Enhancing the light conversion efficiency of dye-sensitized solar cells using nanochannel TiO2 prepared by spray pyrolysis. Electrochimica Acta, 2017, 253, 390-395. | 2.6 | 9 |
| 79 | Improved porosity and ionic sorption capacity of carbon particles prepared by spray pyrolysis from an aqueous sucrose/NaHCO<sub>3</sub>/TEOS solution. RSC Advances, 2017, 7, 21314-21322. | 1.7 | 9 |
| 80 | A new strategy of spray pyrolysis to prepare porous carbon nanosheets with enhanced ionic sorption capacity. RSC Advances, 2016, 6, 1686-1693. | 1.7 | 8 |
| 81 | Hydrogen separation from the H2/N2 mixture by using a single and multi-stage inorganic membrane. Korean Journal of Chemical Engineering, 1999, 16, 193-201. | 1.2 | 7 |
| 82 | In-situ investigations of the photoluminescence properties ofSiO2/TiO2binary and Boron-SiO2/TiO2ternary oxides prepared by the sol-gel method and their photocatalytic reactivity for the oxidative decomposition of trichloroethylene. International Journal of Photoenergy, 2003, 5, 31-36. | 1.4 | 6 |
| 83 | Catalytic Pyrolysis of Pinus densiflora Over Mesoporous Al<sub>2</sub>O<sub>3</sub> Catalysts. Journal of Nanoscience and Nanotechnology, 2018, 18, 6300-6303. | 0.9 | 6 |
| 84 | Synthesis and characterization of C/Cu coreâ€“shell particles by hydrogen-free spray pyrolysis assisted with citric acid and sucrose. Materials Research Bulletin, 2013, 48, 3424-3430. | 2.7 | 5 |
| 85 | Synthesis and Luminescence Enhancement of Strontium Aluminate Green Phosphor via Spray Pyrolysis. Korean Chemical Engineering Research, 2011, 49, 594-599. | 0.2 | 5 |
| 86 | Luminescence Characterization of SrAl<sub>2</sub>O<sub>4</sub>:Ho<sup>3+</sup>Green Phosphor Prepared by Spray Pyrolysis. Korean Chemical Engineering Research, 2015, 53, 620-626. | 0.2 | 5 |
| 87 | Effect of Precursor Type on Morphology and Vacuum Ultraviolet Characteristics of CaMgSi2O6:Eu Blue Phosphor Particles. Japanese Journal of Applied Physics, 2007, 46, 5809-5812. | 0.8 | 4 |
| 88 | Synthesis and characterization of NiFe2O4 nanopowders via spray pyrolysis. Journal of the Ceramic Society of Japan, 2009, 117, 1069-1073. | 0.5 | 4 |
| 89 | Effect of CTAC concentration and Al precursor type on texture properties and microstructure of mesoporous alumina particles prepared by aerosol-assisted self-assembly. Journal of the Ceramic Society of Japan, 2010, 118, 805-809. | 0.5 | 4 |
| 90 | Enhanced Electrosorption Capacitance of Porous Carbon Particles Synthesized by Spray Pyrolysis. Journal of the Electrochemical Society, 2013, 160, E84-E89. | 1.3 | 4 |

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|---|---|---|---|
| 91 | Luminescence improvement of (Ti,Si)O2:Eu3+/Li+ spherical particles for anti-counterfeiting application. Materials Chemistry and Physics, 2021, 267, 124612. | 2.0 | 4 |
| 92 | Aerosol Synthesis of Gd2O3:Eu/Bi Nanophosphor for Preparation of Photofunctional Pearl Pigment as Security Material. Journal of the Korean Ceramic Society, 2018, 55, 461-472. | 1.1 | 4 |
| 93 | Effect of calcination temperature and Ti substitution on optical properties of (Fe,Cr)<sub>2</sub>O<sub>3</sub> cool black pigment prepared by spray pyrolysis. RSC Advances, 2021, 12, 72-77. | 1.7 | 4 |
| 94 | Title is missing!. Journal of Materials Science Letters, 2003, 22, 1527-1529. | 0.5 | 3 |
| 95 | Improved Cathodoluminescence of Y[sub 2]SiO[sub 5]:Ce-BAM:Eu Mixed Blue Phosphor. Electrochemical and Solid-State Letters, 2005, 8, H91. | 2.2 | 3 |
| 96 | Effects of Y/Gd Ratio and Boron Excess on Vacuum Ultraviolet Characteristics and Morphology of (Y,Gd)BO3:Eu Phosphor Particles Prepared by Spray Pyrolysis. Japanese Journal of Applied Physics, 2007, 46, 3424-3427. | 0.8 | 3 |
| 97 | Vapor-phase synthesis of a solid precursor for Î±-alumina through a catalytic decomposition of aluminum triisopropoxide. Materials Research Bulletin, 2011, 46, 2199-2203. | 2.7 | 3 |
| 98 | Effect of urea, NH4OH, and DCCA on texture properties of alumina prepared by ultrasonic spray pyrolysis. Journal of Industrial and Engineering Chemistry, 2012, 18, 344-348. | 2.9 | 3 |
| 99 | Catalytic properties of mesoporous Alâ€“Laâ€“Mn oxides prepared via spray pyrolysis. Materials Research Bulletin, 2016, 82, 76-80. | 2.7 | 3 |
| 100 | Tuning of thermoelectric transport properties via the formation of hierarchical structures in Biâ€doped <scp> Gd <sub>2</sub> O <sub>3</sub> </scp> /Bi <sub>0.</sub> <scp> <sub>5</sub> Sb <sub>1</sub> </scp> <sub>.</sub> <scp> <sub>5</sub> Te <sub>3</sub> </scp>. International Journal of Energy Research, 2021, 45, 20921-20933. | 2.2 | 3 |
| 101 | Preparation of (Y,Gd)3Al5-2y(Si,Mg)yO12:Ce Phosphor by Spray Pyrolysis: Effect of Precursor Type and Flux on Its Luminescence Characteristics. ECS Transactions, 2010, 28, 175-182. | 0.3 | 2 |
| 102 | Catalytic Conversion of 1,2-Dichlorobenzene Over Mesoporous V2O5/TiO2 Prepared from Spray Pyrolysis. Journal of Nanoscience and Nanotechnology, 2011, 11, 1710-1713. | 0.9 | 2 |
| 103 | Preparation of Mesoporous Alumina Particles by Spray Pyrolysis and Application to Double Bond Migration of 2-Butene. Journal of Nanoscience and Nanotechnology, 2011, 11, 6312-6317. | 0.9 | 2 |
| 104 | Aerosol synthesis of macroporous silica adsorbents with high performance in paclitaxel purification from plant cell cultures. Journal of Industrial and Engineering Chemistry, 2014, 20, 3965-3969. | 2.9 | 2 |
| 105 | Preparation and Luminescence Optimization of CeO<sub>2</sub>:Er/Yb Phosphor Prepared by Spray Pyrolysis. Applied Chemistry for Engineering, 2015, 26, 319-325. | 0.2 | 2 |
| 106 | Electro-Deoxidation Behavior of Graphite Oxide in Aqueous Solution. Journal of Chemical Engineering of Japan, 2013, 46, 245-249. | 0.3 | 1 |
| 107 | Preparation of Nanosized Gd2O3:Eu3+ Red Phosphor Coated on Mica Flake and Its Luminescent Property. Journal of Korean Powder Metallurgy Institute, 2017, 24, 457-463. | 0.2 | 1 |
| 108 | Effect of Pore Size of Mesoporous Spherical Silica for the Purification of Paclitaxel from Plant Cell Cultures. KSBB Journal, 2013, 28, 208-212. | 0.1 | 1 |

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| 109 | Effect of NH4FFlux on the Characteristics of Barium Strontium Silicate Phosphor Particles. Korean Journal of Materials Research, 2005, 15, 408-412. | 0.1 | 1 |
| 110 | Effect of Silica-Alumina Adsorbent on the Efficiency of Paclitaxel Purification. Clean Technology, 2013, 19, 342-346. | 0.1 | 1 |
| 111 | Y2O3:Eu3+ Nanophosphor-Coated Mica or TiO2/Mica as Red-Emitting Pearl Pigment: Coating Factors, Luminescent and Gloss Properties. Applied Sciences (Switzerland), 2021, 11, 4365. | 1.3 | 0 |
| 112 | Synthesis of Î±-Alumina Nanoparticles Through Partial Hydrolysis of Aluminum Chloride Vapor. Korean Chemical Engineering Research, 2011, 49, 664-668. | 0.2 | 0 |
| 113 | Improvement of Light-Harvesting Efficiency of TiO<sub>2</sub>Granules Through Chemical Interconnection of Nanoparticles by Adding TEOT to Spray Solution. Korean Chemical Engineering Research, 2015, 53, 632-637. | 0.2 | 0 |