# Mohan Lal Meena

List of Publications by Year
in descending order

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|---|---|---|---|
| 121 papers | 1,965 citations | 331259 21 h-index | 288905 40 g-index |
| 121 all docs | 121 docs citations | 121 times ranked | 2055 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Kinetic Model for the Manufacturing of 1,2-Propanediol (1,2-PDO) via Hydrogenolysis of Bio-glycerol Over Layered Double Hydroxide (LDH) Derived Cu0.45Zn0.15Mg5.4Al2O9 Catalyst in an Autoclave Reactor. Catalysis Letters, 2022, 152, 2155-2163. | 1.4 | 5 |
| 2 | Highly efficient and thermally stable Eu3+ activated phosphate based phosphors for wLEDs: An experimental and DFT study. Journal of Alloys and Compounds, 2022, 895, 162670. | 2.8 | 25 |
| 3 | Sequential stacking of a thin BHJ layer acting as a morphology regulator for efficiency enhancement in non-fullerene ternary solar cells. Chemical Engineering Journal, 2022, 433, 134337. | 6.6 | 7 |
| 4 | Rapid synthesis and theoretical analysis of CH3NH3Pb1-xCdxBr3 perovskite quantum dots for backlight LEDs: A step towards enhanced stability. Organic Electronics, 2022, 102, 106444. | 1.4 | 7 |
| 5 | Kinetic modeling of conversion of glycerol to 1,2-propanediol over bifunctional LDH catalyst. Current Research in Green and Sustainable Chemistry, 2022, 5, 100289. | 2.9 | 4 |
| 6 | Spectroscopic, optical properties and ab-initio calculation of thermally stable Na2Ca1-xP2O7:xEu3+ phosphors for wLEDs. Ceramics International, 2022, 48, 20940-20947. | 2.3 | 20 |
| 7 | Preparation, structural, and characterizations of SnO<sub>2</sub>â€coated TiNb<sub>2</sub>O<sub>7</sub> anode materials for lithiumâ€ion batteries. Journal of the American Ceramic Society, 2022, 105, 6168-6174. | 1.9 | 4 |
| 8 | Short review on the instability and potential solutions for perovskite quantum dots. Current Research in Green and Sustainable Chemistry, 2022, 5, 100321. | 2.9 | 6 |
| 9 | CH<sub>3</sub>NH<sub>3</sub>Pb<sub>1â€“x</sub>Co<sub>x</sub>Br<sub>3â€“2x</sub>Cl<sub>2x</sub> Perovskite Quantum Dots for Wide-Color Backlighting. ACS Applied Nano Materials, 2021, 4, 717-728. | 2.4 | 17 |
| 10 | Synthesis and design of NaYF 4 microprisms via a microwaveâ€assisted approach for highly sensitive optical thermometry applications. Journal of the American Ceramic Society, 2021, 104, 5168-5181. | 1.9 | 4 |
| 11 | Synthesis and spectroscopic characterization of CsPbBr3/Cs4PbBr6 perovskites synthesized via the microwave-assisted heating process for backlight display devices. Organic Electronics, 2021, 91, 106079. | 1.4 | 11 |
| 12 | Structural, morphological and thermodynamic parameters investigation of tunable MAPb1â^'xCdxBr3â€“2xI2x hybrid perovskite. Journal of Alloys and Compounds, 2021, 866, 158936. | 2.8 | 13 |
| 13 | Synergetic effect of functionalized graphitic carbon nitride catalyst and ultrasound in aqueous medium: An efficient and sustainable synthesis of 1,3,5-trisubstituted hexahydro-1,3,5-triazines. Current Research in Green and Sustainable Chemistry, 2021, 4, 100170. | 2.9 | 5 |
| 14 | Incorporation of zinc ions towards low toxicity and high stability of organic-inorganic methyl ammonium lead bromide perovskite QDs via ultrasonication route for white-LEDs. Journal of Molecular Liquids, 2021, 337, 116557. | 2.3 | 9 |
| 15 | Efficient white light emission from a single silicate host with promising color quality for white light emitting diodes. Optik, 2021, , 168244. | 1.4 | 1 |
| 16 | Facile sol-gel synthesis of LiMn0.5Fe0.5PO4 cathode materials fostered by bio-derived natural agar. Ionics, 2020, 26, 1051-1056. | 1.2 | 4 |
| 17 | Synthesis, spectroscopic characterization and estimation of Judd-Ofelt parameters for Dy3+ activated Li2MgZrO4 double perovskite materials. Polyhedron, 2020, 177, 114322. | 1.0 | 23 |
| 18 | Nanoporous Cu doped ZnS nanoparticles an efficient photo catalyst for the chemoselective synthesis of 2-substituted azoles via C-N arylation/ CSp3â€“ H oxidation/ cyclization/dehydration sequence in visible light. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 389, 112242. | 2.0 | 12 |

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|---|---|---|---|
| 19 | Rapid and room temperature synthesis of MAPb1â^'xSnxBr3â^'2xCl2x perovskite quantum dots with enhanced lifetime in warm WLEDs: A step towards environmental friendly perovskite light harvester. Chemical Engineering Journal, 2020, 391, 123629. | 6.6 | 16 |
| 20 | Synthesis of Tb3+-Yb3+ coactivated CeO2 phosphors for two-photon assisted quantum cutting applications. Chemical Physics Letters, 2020, 748, 137383. | 1.2 | 3 |
| 21 | Incorporation of copperâ€"indium back-end layers in the solution-based Cu(In, Ga)Se<sub>2</sub> films: enhancement of photovoltaic performance of fabricated solar cells. Materials Research Express, 2020, 7, 026409. | 0.8 | 0 |
| 22 | Multisite-Occupancy-Driven Intense Narrow-Band Blue Emission from Sr<sub>5</sub>SiO<sub>4</sub>Cl<sub>6</sub>:Eu<sup>2+</sup> Phosphor with Excellent Stability and Color Performance. Inorganic Chemistry, 2020, 59, 1928-1939. | 1.9 | 54 |
| 23 | Effects of precursor composition on morphology and microstructure of hybrid organicâ€"inorganic perovskite solar cells. Journal of Materials Science, 2019, 54, 12758-12766. | 1.7 | 1 |
| 24 | Microstructures and photovoltaic performances of bismuthâ€ion doped Cu(In,Ga)Se 2 films prepared via sputtering process. Journal of the American Ceramic Society, 2019, 102, 3578-3587. | 1.9 | 5 |
| 25 | (Ag,Cu)(In,Ga)Se2 thin films fabricated on flexible substrates via non-vacuum process. Journal of Materials Science: Materials in Electronics, 2018, 29, 1614-1622. | 1.1 | 3 |
| 26 | Facile synthesis and spectroscopic characterization of siliconitride phosphors for white lightâ€emitting diodes. Journal of the American Ceramic Society, 2018, 101, 4916-4920. | 1.9 | 3 |
| 27 | Synthesis and spectroscopic analysis of Sm3+ doped CeO2 ceramic powders for the application of white LEDs. Ceramics International, 2018, 44, 18256-18263. | 2.3 | 22 |
| 28 | Synthesis of Sr2Si5N8:Ce3+ phosphors for white LEDs via efficient chemical vapor deposition. Scientific Reports, 2017, 7, 45832. | 1.6 | 7 |
| 29 | Highly active Cu-Zn-Mg-Al-O catalyst derived from layered double hydroxides (LDHs) precursor for selective hydrogenolysis of glycerol to 1,2-propanediol. Journal of Environmental Chemical Engineering, 2017, 5, 5695-5706. | 3.3 | 21 |
| 30 | Effects of ammonia concentration on the formation of CdS fabricated via microwaveâ€assisted chemical bath deposition. Journal of the American Ceramic Society, 2017, 100, 5120-5130. | 1.9 | 3 |
| 31 | Effects of sputtering conditions on the photovoltaic properties of Al-doped zinc oxide films for Cu(In,Ga)Se2 thin-film solar cells. Journal of Materials Science: Materials in Electronics, 2017, 28, 15442-15450. | 1.1 | 3 |
| 32 | Photoluminescence and cathodoluminescence properties of greenâ€"red emitting ZnGd4Si3O13: Tb3+, Mn2+ phosphors. Journal of Materials Science: Materials in Electronics, 2017, 28, 9174-9181. | 1.1 | 0 |
| 33 | Preparation and Characterization of Silverâ€Doped Cu(In,Ga)Se<sub>2</sub> Films via Nonvacuum Solution Process. Journal of the American Ceramic Society, 2016, 99, 3280-3285. | 1.9 | 15 |
| 34 | Microwave-assisted chemical bath deposition process to fabricate CdS buffer layers used in Cu(In,Ga)Se<sub>2</sub> solar cells. RSC Advances, 2016, 6, 107886-107893. | 1.7 | 8 |
| 35 | Structural evaluations and temperature dependent photoluminescence characterizations of Eu3+-activated SrZrO3 hollow spheres for luminescence thermometry applications. Scientific Reports, 2016, 6, 25787. | 1.6 | 44 |
| 36 | Influence of the selenium-vapor flow-rate in the photovoltaic properties of Cu(In, Ga)Se2 thin films prepared via a solution coating process. Journal of Materials Science: Materials in Electronics, 2016, 27, 10497-10503. | 1.1 | 2 |

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| 37 | Formation process and photovoltaic properties of Cu(In,Ga)Se2 and (Ag,Cu)(In,Ga)Se2 on flexible stainless steel substrates formed at different selenization temperatures. Journal of Materials Science: Materials in Electronics, 2016, 27, 10642-10649. | 1.1 | 7 |
| 38 | Nonvacuum Solution Synthesis of (Ag,Cu)(In,Ga)Se<sub>2</sub> Absorbers for Applications in Thinâ€Film Solar Cells. Journal of the American Ceramic Society, 2015, 98, 3911-3917. | 1.9 | 10 |
| 39 | Controlled Orientation and Improved Photovoltaic Characteristics of Cu(In,Ga)Se<sub>2</sub>Solar Cells via Using In<sub>2</sub>Se<sub>3</sub>Seeding Layers. Journal of Nanomaterials, 2015, 2015, 1-6. | 1.5 | 0 |
| 40 | Cu(In,Ga)Se<sub>2</sub>Thin Films Codoped with Sodium and Bismuth Ions for the Use in the Solar Cells. Journal of Nanomaterials, 2015, 2015, 1-7. | 1.5 | 4 |
| 41 | Effects of CBD-derived CdS film thickness on the photovoltaic properties of Cu(In,Ga)Se2 solar cells. Journal of Materials Science: Materials in Electronics, 2015, 26, 6736-6743. | 1.1 | 8 |
| 42 | Characterization of Cu2ZnSnSe4 (CZTSe) nanoparticles synthesized via solvothermal method for solar cell applications. Journal of Materials Science: Materials in Electronics, 2015, 26, 7673-7682. | 1.1 | 8 |
| 43 | Preparation and characterization of Cu(In, Ga)Se2 powders via the modified solvothermal route. Journal of Materials Science: Materials in Electronics, 2015, 26, 3479-3485. | 1.1 | 0 |
| 44 | Structural and luminescence properties of tunable white-emitting Sr<sub>0.5</sub>Ca<sub>0.5</sub>Al<sub>2</sub>O<sub>4</sub>:Eu<sup>2+</sup>, Dy<sup>3+</sup>for UV-excited white-LEDs. RSC Advances, 2014, 4, 64956-64966. | 1.7 | 25 |
| 45 | Photoluminescence Properties of Colorâ€Tunable <scp><scp>Ca</scp></scp><sub>3</sub><scp><scp>La</scp></scp><sub>6</sub>(<scp><scp>SiO</scp></scp><sub>4</sub>)<sub><scp><scp>Ce</scp></scp><sup>3+</sup>, <scp><scp>Tb</scp></scp><sup>3+</sup> Phosphors. Journal of the American Ceramic Society, 2014, 97, 1866-1872. | 1.9 | 25 |
| 46 | Hazardous effect of ZnS nanoparticles on the feeding behaviour, growth and maturation process of the Asian striped catfish, Mystus vittatus (Bloch, 1794). International Aquatic Research, 2014, 6, 113-125. | 1.5 | 7 |
| 47 | Incorporation of selenium ions in solution-processed Cu(In,Ga)Se2 films. Journal of Materials Science: Materials in Electronics, 2014, 25, 2443-2449. | 1.1 | 3 |
| 48 | Preparation and characterization of Cu(In,Ga)Se2 films from nanosized alloy precursors. Journal of Materials Science: Materials in Electronics, 2014, 25, 2795-2802. | 1.1 | 2 |
| 49 | Solution synthesis and characterization of n-type zinc indium selenide films for the buffer layer used in Cu(In,Ga)Se2 solar cells. Journal of Materials Science: Materials in Electronics, 2014, 25, 3622-3628. | 1.1 | 2 |
| 50 | Preparation of AgIn1â^'xGaxSe2 films from solâ€“gel derived precursors via a coating method. Journal of Materials Science: Materials in Electronics, 2013, 24, 4023-4027. | 1.1 | 0 |
| 51 | Reaction mechanism and kinetics analysis of the phase transformation of TiO2 from the anatase phase to the rutile phase. Journal of Materials Science: Materials in Electronics, 2013, 24, 2506-2512. | 1.1 | 13 |
| 52 | Preparation and photoluminescence properties of Sr4Al14O25:Eu2+ phosphors synthesized via the microemulsion route. Journal of Materials Science: Materials in Electronics, 2013, 24, 1458-1462. | 1.1 | 6 |
| 53 | To Enhance Performance of Light Soaking Process on ZnS|<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:msub><mml:mrow><mml:mtext>CuIn</mml:mtext></mml:mrow><mml:mrow><mml:mn mathvariant="normal">1</mml:mn><mml:mo>-</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mn mathvariant="normal">2</mml:mn></mml:mrow></mml. International Journal of Photoenergy, 2013, 2013, 1-5. | 1.4 | 6 |
| 54 | Preparation and Characterization of Copper Gallium Diselenide Thin Films from the Solgelâ€Derived Precursors. International Journal of Applied Ceramic Technology, 2013, 10, 986-993. | 1.1 | 3 |

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|---|---|---|---|
| 55 | Structural and Optical Properties of Tunable Warmâ€White Lightâ€Emitting <scp><scp>ZrO</scp></scp><sub>2</sub>:Dy<sup>3+</sup>â€“<scp><scp>Eu</scp></scp><sup>3+</sup> Nanocrystals. Journal of the American Ceramic Society, 2013, 96, 1602-1609. | 1.9 | 62 |
| 56 | Harmful Impact of ZnS Nanoparticles on Daphnia sp. in the Western Part (Districts of Bankura and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 0.7 | 7 |
| 57 | Lowâ€Temperature Synthesis of <scp><scp>Cu</scp></scp>(<scp><scp>In</scp></scp>,<scp><scp>Ga</scp></scp>)<scp><scp>Se</scp></scp><sub>2</sub> Thin Films Using Seleniumâ€Containing Precursors. International Journal of Applied Ceramic Technology, 2012, 9, 853-860. | 1.1 | 4 |
| 58 | Synthesis and Characterization of Silver Indium Diselenide Thin Films Prepared via the Solâ€Gel Assisted Process. International Journal of Applied Ceramic Technology, 2012, 9, 861-867. | 1.1 | 5 |
| 59 | Microemulsionâ€Mediated Synthesis and Characterization of <scp><scp>YBO</scp></scp><sub>3</sub>:<scp><scp>Ce</scp></scp><sup>3+</sup> Phosphors. Journal of the American Ceramic Society, 2012, 95, 1814-1817. | 1.9 | 21 |
| 60 | Microwave-hydrothermally synthesized (Sr1â^'xâ^'yCexTby)Si2O2â^ÎN2+Î¼ phosphors: efficient energy transfer, structural refinement and photoluminescence properties. Journal of Materials Chemistry, 2011, 21, 2932. | 6.7 | 53 |
| 61 | Effect of Microwave Power on the Physical Properties of Carboxylic Acid-Coated Manganese-Ion-Doped Zinc Sulfide Nanoparticles. Journal of Nanotechnology, 2011, 2011, 1-7. | 1.5 | 3 |
| 62 | Preparation and Characterization of Microwave Solvothermally Derived SnO2:Sm3+ Phosphors. International Journal of Applied Ceramic Technology, 2011, 8, 718-724. | 1.1 | 5 |
| 63 | Aliovalent Ion Substitution and Enhanced Photoluminescence of Sr2SiO4:Tb3+/Z+ (Z=Li, Na, and K) Phosphors. International Journal of Applied Ceramic Technology, 2011, 8, 759-765. | 1.1 | 14 |
| 64 | Structural and Optical Characteristics of CeSi3N5:Tb3+ Nitridosilicate Phosphors. Journal of the American Ceramic Society, 2011, 94, 1320-1323. | 1.9 | 6 |
| 65 | Preparation and Mechanism of Nestâ€Like YBO<sub>3</sub>:Tb<sup>3+</sup>Phosphors Synthesized Via the Microemulsionâ€Mediated Hydrothermal Process. Journal of the American Ceramic Society, 2011, 94, 2884-2889. | 1.9 | 20 |
| 66 | Structure and Novel Optical Characteristics of SrSi<sub>2</sub>O<sub>2</sub>N<sub>2</sub>:Ce<sup>3+</sup>/Tb<sup>3+</sup> Oxynitride Phosphors. Journal of the American Ceramic Society, 2011, 94, 3256-3260. | 1.9 | 8 |
| 67 | Color-tunable Y2Si4N6C:Ce3+ Carbonitride Phosphors for Ultraviolet Light-Emitting Diodes. Journal of the American Ceramic Society, 2011, 94, 1691-1694. | 1.9 | 15 |
| 68 | An efficient novel low voltage field electron emitter with cathode consisting of template synthesized copper microarrays. Journal of Materials Science: Materials in Electronics, 2011, 22, 1725-1729. | 1.1 | 1 |
| 69 | Preparation and Photoluminescence Properties of Novel Colorâ€Tunable MgY<sub>4</sub>Si<sub>3</sub>O<sub>13</sub>:Ce<sup>3+</sup>, Tb<sup>3+</sup> Phosphors for Ultraviolet Lightâ€Emitting Diodes. Journal of the American Ceramic Society, 2010, 93, 1838-1841. | 1.9 | 61 |
| 70 | Microwaveâ€Assisted Solvothermal Synthesis of Copper Indium Diselenide Powders. Journal of the American Ceramic Society, 2010, 93, 1879-1883. | 1.9 | 14 |
| 71 | Fabrication and characterization of Cu(In,Ga)Se<inf>2</inf> thin-film solar cells prepared via a solution process. , 2010, , . | | 0 |
| 72 | Microemulsion-mediated hydrothermal synthesis of photocatalytic TiO2 powders. Journal of Hazardous Materials, 2008, 154, 649-654. | 6.5 | 65 |

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|---|---|---|---|
| 73 | Low-temperature preparation and characterization of iron-ion doped titania thin films. Journal of Hazardous Materials, 2008, 159, 636-639. | 6.5 | 18 |
| 74 | Synthesis of photocatalytic TiO2 thin films via the high-pressure crystallization process at low temperatures. Journal of Hazardous Materials, 2007, 147, 213-218. | 6.5 | 26 |
| 75 | Luminescent characteristics and microstructures of Sr2CeO4 phosphors prepared via solâ€“gel and solid-state reaction routes. Journal of Sol-Gel Science and Technology, 2007, 43, 179-185. | 1.1 | 34 |
| 76 | Preparation and electrochemical characteristics of microemulsion-derived Li(Ni, Co)O2 nanopowders. Journal of Materials Science, 2007, 42, 752-758. | 1.7 | 3 |
| 77 | Highly luminescent CdSe nanoparticles embedded in silica thin films. Journal of Electroceramics, 2006, 17, 21-29. | 0.8 | 7 |
| 78 | Structural and luminescent properties of cerium-ion doped barium borophosphates. Journal of Materials Science, 2006, 41, 2471-2475. | 1.7 | 6 |
| 79 | Microwave-hydrothermal synthesis and photoluminescence characteristics of zinc oxide powders. Journal of Materials Research, 2005, 20, 464-471. | 1.2 | 21 |
| 80 | Synthesis and characterization of ultraviolet-emitting cerium-ion-doped SrBPO5 phosphors. Journal of Materials Research, 2004, 19, 2336-2342. | 1.2 | 19 |
| 81 | Preparation, sintering, and microstructures of strontium barium bismuth tantalate layered perovskite ceramics. Journal of Materials Science, 2004, 39, 3079-3083. | 1.7 | 1 |
| 82 | Chromium-ion doped spinel lithium manganate nanoparticles derived from the sol-gel process. Journal of Materials Science Letters, 2003, 22, 615-618. | 0.5 | 16 |
| 83 | Synthesis of nano-sized LiNi0.8Co0.2O2 via a reverse-microemulsion route. Journal of Materials Chemistry, 2003, 13, 428-431. | 6.7 | 41 |
| 84 | Influence of the emulsification conditions on the microstructures and electrochemical characteristics of spinel lithium manganese oxide powders. Journal of Materials Research, 2003, 18, 552-559. | 1.2 | 5 |
| 85 | Cerium-ion-doped yttrium aluminum garnet nanophosphors prepared through sol-gel pyrolysis for luminescent lighting. Applied Physics Letters, 2002, 80, 3608-3610. | 1.5 | 97 |
| 86 | Dissolution Kinetics of Spinel Lithium Manganate and its Relation to Capacity Fading in Lithium Ion Batteries. Journal of Materials Research, 2002, 17, 1476-1481. | 1.2 | 44 |
| 87 | Modification of Dielectric Properties of the Lead Magnesium Niobate-Lead Titanate Ferroelectrics System. Integrated Ferroelectrics, 2002, 47, 265-275. | 0.3 | 0 |
| 88 | Solâ€“gel synthesis and photoluminescent properties of cerium-ion doped yttrium aluminium garnet powders. Journal of Materials Chemistry, 2002, 12, 2525-2530. | 6.7 | 108 |
| 89 | Low-temperature crystallization of electroceramic thin films at elevated pressure. Journal of Materials Chemistry, 2002, 12, 1628-1630. | 6.7 | 9 |
| 90 | Title is missing!. Journal of Materials Science Letters, 2002, 21, 1489-1492. | 0.5 | 10 |

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|---|---|---|---|
| 91 | Photoluminescence Characteristics of Y2O3:Eu3+ Nanophosphors Prepared Using Solâ^'Gel Thermolysis. Journal of Physical Chemistry B, 2001, 105, 11098-11105. | 1.2 | 315 |
| 92 | Synthesis of Nanosized Lithium Manganate For Lithium-ion Secondary Batteries. Materials Research Society Symposia Proceedings, 2001, 703, 1. | 0.1 | 0 |
| 93 | Synthesis of spinel lithium manganate powders using an inverse emulsion process. Journal of Materials Science Letters, 2001, 20, 1841-1843. | 0.5 | 2 |
| 94 | Title is missing!. Journal of Sol-Gel Science and Technology, 2001, 20, 27-34. | 1.1 | 23 |
| 95 | Reaction sintering and characterization of lead magnesium niobate relaxor ferroelectric ceramics. Journal of Materials Science: Materials in Electronics, 2000, 11, 363-367. | 1.1 | 4 |
| 96 | Characterization of lead cation-incorporated strontium bismuth tantalate ferroelectrics. Integrated Ferroelectrics, 2000, 31, 129-138. | 0.3 | 2 |
| 97 | Influence of process conditions on the ferroelectric characteristics of SrBi2Ta2O9 films prepared by rf magnetron sputtering. Integrated Ferroelectrics, 2000, 31, 87-96. | 0.3 | 0 |
| 98 | Simultaneous preparation and densification of lead magnesium niobate-based ferroelectrics. Integrated Ferroelectrics, 2000, 30, 291-300. | 0.3 | 0 |
| 99 | Ultrafine lithium cobalt oxide powder derived from a water-in-oil emulsion process. Journal of Materials Chemistry, 2000, 10, 599-601. | 6.7 | 35 |
| 100 | Reaction mechanism and kinetics analysis of lithium nickel oxide during solid-state reaction. Journal of Materials Chemistry, 2000, 10, 1403-1407. | 6.7 | 48 |
| 101 | Colloid Emulsion of Nanosized Strontium Bismuth Tantalate Powder. Journal of the American Ceramic Society, 2000, 83, 1320-1322. | 1.9 | 12 |
| 102 | Phase Evolution and Dielectric Characterization of Lead Nickel Niobateâ€"lead Zirconate Ceramics Prepared from the Hydrothermally Derived Precursors. Journal of Materials Research, 1999, 14, 1364-1370. | 1.2 | 7 |
| 103 | Influence of the addition of bismuth oxide on the ferroelectric properties of layered strontium bismuth tantalate ceramics. Integrated Ferroelectrics, 1999, 26, 65-73. | 0.3 | 1 |
| 104 | Phase formation and ferroelectric characteristics of nonfatigue barium bismuth tantalate thin films. Journal of Applied Physics, 1999, 86, 6335-6341. | 1.1 | 19 |
| 105 | Preparation and ferroelectric properties of strontium barium bismuth tantalate ceramics. Integrated Ferroelectrics, 1999, 26, 57-64. | 0.3 | 1 |
| 106 | Synthesis of spherical zirconia by reverse emulsion precipitation. Korean Journal of Chemical Engineering, 1999, 16, 818-822. | 1.2 | 4 |
| 107 | Influence of the presence of titanium oxide on the formation of pyrochlore phase in ferroelectric strontium bismuth tantalate ceramics. Ferroelectrics, Letters Section, 1999, 26, 41-51. | 0.4 | 1 |
| 108 | Phase and microstructural evolution during the interaction between bismuth oxide films and ptlti/SiO2/Si substrates. Ferroelectrics, Letters Section, 1999, 26, 125-135. | 0.4 | 2 |

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| 109 | Kinetic analysis of the serial reactions of lead magnesium tungstate ceramics using a multiple core-shell model. Journal of Materials Science, 1998, 33, 2121-2127. | 1.7 | 5 |
| 110 | Preparation and Properties of Barium Incorporated Strontium Bismuth Tantalate Ferroelectric Thin Films. Materials Research Society Symposia Proceedings, 1998, 541, 229. | 0.1 | 12 |
| 111 | Stabilization of lead lithium iron tungstate with adding barium titanate. Journal of Materials Research, 1997, 12, 13-16. | 1.2 | 0 |
| 112 | Role of the Addition of Pb(Li<sub>1/4</sub>Fe<sub>1/4</sub>W<sub>1/2</sub>)O<sub>3</sub> in the Low-Temperature Sintering and Dielectric Characteristics of Pb(Mg<sub>1/3</sub>Nb<sub>2/3</sub>). Journal of the Ceramic Society of Japan, 1996, 104, 587-593. | 1.3 | 7 |
| 113 | Effects of pre-sintering heat treatment on the microstructure of barium titanate. Journal of Materials Science Letters, 1996, 15, 43-45. | 0.5 | 6 |
| 114 | Barium titanate-added lead nickel niobate ferroelectrics: Accelerated perovskite formation and dielectric properties. Journal of Materials Research, 1996, 11, 3064-3070. | 1.2 | 9 |
| 115 | Reaction kinetics, sintering characteristics, and ordering behavior of microwave dielectrics: Barium magnesium tantalate. Journal of Materials Research, 1996, 11, 1219-1227. | 1.2 | 46 |
| 116 | Influence of Columbite MgNb<sub>2</sub>O<sub>6</sub> on the Perovskite Formation and Microstructure of Pb(Mg<sub>1/3</sub>Nb<sub>2/3</sub>)O<sub>3</sub> Ceramics. Journal of the Ceramic Society of Japan, 1995, 103, 1122-1128. | 1.3 | 12 |
| 117 | Formation mechanism and relaxor ferroelectric properties of lead lithium iron tungstate ceramics. Journal of Materials Research, 1995, 10, 2755-2763. | 1.2 | 11 |
| 118 | Sintering behavior and dielectric properties of pyrochlore Pb<sub>2</sub>FeWO<sub>6.5</sub>. Journal of Materials Research, 1994, 9, 266-269. | 1.2 | 2 |
| 119 | Influence of Nd2O3 Doping on the Reaction Process and Sintering Behavior of BaCeO3 Ceramics. Journal of the American Ceramic Society, 1994, 77, 2523-2528. | 1.9 | 13 |
| 120 | Compositional Effect on the Liquid-Phase Formation in Lead Iron Tungstate Ferroelectric Ceramics. Journal of the American Ceramic Society, 1994, 77, 2529-2535. | 1.9 | 18 |
| 121 | Progress of Backlight Devices: Emergence of Halide Perovskite Quantum Dots/Nanomaterials. Frontiers in Nanotechnology, 0, 4, . | 2.4 | 3 |