

Dariusz G Hreniak

List of Publications by Year in descending order

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176
papers

4,215
citations

109137

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53
g-index

185
all docs

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docs citations

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times ranked

3305
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Fabrication and long persistent luminescence of Ce ³⁺ -Cr ³⁺ co-doped yttrium aluminum gallium garnet transparent ceramics. <i>Journal of Rare Earths</i> , 2022, 40, 1699-1705. | 2.5 | 7 |
| 2 | Effect of dopant concentration on the optical characteristics of Cr ³⁺ :ZnGa ₂ O ₄ transparent ceramics exhibiting persistent luminescence. <i>Optical Materials</i> , 2022, 125, 112127. | 1.7 | 6 |
| 3 | Size-Dependent Persistent Luminescence of YAGG:Cr ³⁺ Nanophosphors. <i>Materials</i> , 2022, 15, 4407. | 1.3 | 3 |
| 4 | Control of optical properties of luminescent BiVO ₄ :Tm ³⁺ by adjusting the synthesis parameters of microwave-assisted hydrothermal method. <i>Materials Research Bulletin</i> , 2022, 154, 111940. | 2.7 | 1 |
| 5 | Effect of Nd concentration on persistent luminescence of Y ₃ Al ₂ Ga ₃ O ₁₂ :Ce ³⁺ ,Cr ³⁺ ,Nd ³⁺ ceramics for the near-infrared region. <i>Journal of Luminescence</i> , 2022, 250, 119115. | 1.5 | 3 |
| 6 | Energy transfer study in GdVO ₄ : Bi ³⁺ , Yb ³⁺ obtained by microwave-assisted hydrothermal method. <i>Journal of Alloys and Compounds</i> , 2021, 860, 158393. | 2.8 | 6 |
| 7 | Effect of annealing temperature on persistent luminescence of Y ₃ Al ₂ Ga ₃ O ₁₂ :Cr ³⁺ co-doped with Ce ³⁺ and Pr ³⁺ . <i>Optical Materials</i> , 2021, 111, 110522. | 1.7 | 15 |
| 8 | Gallato Zirconium (IV) Phtalocyanine Complex Conjugated with SiO ₂ Nanocarrier as a Photoactive Drug for Photodynamic Therapy of Atheromatic Plaque. <i>Molecules</i> , 2021, 26, 260. | 1.7 | 4 |
| 9 | Particle size-related limitations of persistent phosphors based on the doped Y ₃ Al ₂ Ga ₃ O ₁₂ system. <i>Scientific Reports</i> , 2021, 11, 141. | 1.6 | 28 |
| 10 | Graphene Coating Obtained in a Cold-Wall CVD Process on the Co-Cr Alloy (L-605) for Medical Applications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2917. | 1.8 | 2 |
| 11 | New optical ceramics: High-entropy sesquioxide X ₂ O ₃ multi-wavelength emission phosphor transparent ceramics. <i>Journal of the European Ceramic Society</i> , 2021, 41, 3621-3628. | 2.8 | 16 |
| 12 | Sicilian Byzantine Icons through the Use of Non-Invasive Imaging Techniques and Optical Spectroscopy: The Case of the Madonna dell'Elemosina. <i>Molecules</i> , 2021, 26, 7595. | 1.7 | 2 |
| 13 | The Influence of Excitation Density on Laser Induced White Lighting of Wide-Band-Gap Semiconductor ZnSe:Yb Polycrystallite Ceramics. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 016020. | 0.9 | 1 |
| 14 | Current Driven Light Emission of Sodium Silica Gels. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 056002. | 0.9 | 0 |
| 15 | Effect of Ce ³⁺ concentration on persistent luminescence of YAGG:Ce ³⁺ ,Cr ³⁺ ,Nd ³⁺ nanophosphors obtained by the co-precipitation method. <i>Optical Materials</i> , 2020, 107, 109956. | 1.7 | 19 |
| 16 | Graphene Oxide Carboxymethylcellulose Nanocomposite for Dressing Materials. <i>Materials</i> , 2020, 13, 1980. | 1.3 | 31 |
| 17 | Effect of annealing treatment on the persistent luminescence of Y ₃ Al ₂ Ga ₃ O ₁₂ :Ce ³⁺ ,Cr ³⁺ ,Pr ³⁺ ceramics. <i>Optical Materials</i> , 2020, 105, 109888. | 1.7 | 16 |
| 18 | Influence of Cr doping on the phase composition of Cr,Ca:YAG ceramics by solid state reaction sintering. <i>Journal of the American Ceramic Society</i> , 2019, 102, 2104-2115. | 1.9 | 24 |

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| 19 | Influence of cerium content and heat treatment on Ce:YAG@glass wool nanostructures. Journal of Nanoparticle Research, 2019, 21, 1. | 0.8 | 2 |
| 20 | Kinetics of Cr ³⁺ to Cr ⁴⁺ ion valence transformations and intra-lattice cation exchange of Cr ⁴⁺ in Cr,Ca:YAG ceramics used as laser gain and passive Q-switching media. Journal of Chemical Physics, 2019, 151, 134708. | 1.2 | 26 |
| 21 | Persistent luminescence from Y ₃ Al ₂ Ga ₃ O ₁₂ doped with Ce ³⁺ and Cr ³⁺ after X-ray and blue light irradiation. Journal of Rare Earths, 2019, 37, 1200-1205. | 2.5 | 32 |
| 22 | Optical studies of Y ₃ (Al,Ga) ₅ O ₁₂ :Ce ³⁺ ,Cr ³⁺ ,Nd ³⁺ nano-phosphors obtained by the Pechini method. Journal of Rare Earths, 2019, 37, 1132-1136. | 2.5 | 16 |
| 23 | Laser induced broadband white emission of Y ₂ Si ₂ O ₇ nanocrystals. Journal of Rare Earths, 2019, 37, 1196-1199. | 2.5 | 15 |
| 24 | Impact of the synthesis procedure on the spectroscopic properties of anti-Stokes white emission obtained from Sr ₂ CeO ₄ phosphor. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111855. | 2.0 | 15 |
| 25 | The role of Ca ²⁺ ions in the formation of high optical quality Cr ⁴⁺ ,Ca:YAG ceramics. Journal of the European Ceramic Society, 2019, 39, 3344-3352. | 2.8 | 32 |
| 26 | Structural and optical characterization of RbLaP ₄ O ₁₂ :Ln ³⁺ (Ln ³⁺ = Ce ³⁺ , Nd ³⁺ , Tm ³⁺ , or Yb ³⁺). Journal of Chemical Physics, 2019, 150, 094706. | 1.2 | 2 |
| 27 | Non-conventional Ce:YAG nanostructures via urea complexes. Scientific Reports, 2019, 9, 3368. | 1.6 | 16 |
| 28 | Fabrication and luminescent properties of (Y _{0.99} Eu _{0.01}) ₂ O ₃ transparent nanostructured ceramics. Optical Materials, 2018, 78, 285-291. | 1.7 | 3 |
| 29 | Influence of calcium concentration on formation of tetravalent chromium doped Y ₃ Al ₅ O ₁₂ ceramics. Ceramics International, 2018, 44, 13513-13519. | 2.3 | 30 |
| 30 | Fabrication of Yb:Sc ₂ O ₃ transparent ceramics from co-precipitated nanopowders: The effect of ammonium hydrogen carbonate to metal ions molar ratio. Optical Materials, 2018, 75, 673-679. | 1.7 | 15 |
| 31 | Downconversion process in Yb ³⁺ -doped GdAG nanocrystals. Journal of Luminescence, 2018, 193, 70-72. | 1.5 | 11 |
| 32 | Biocompatible Carbon-Based Coating as Potential Endovascular Material for Stent Surface. BioMed Research International, 2018, 2018, 1-10. | 0.9 | 8 |
| 33 | Synthesis of yttrium aluminum garnet nanoparticles in confined environment III: Cerium doping effect. Optical Materials, 2018, 85, 275-280. | 1.7 | 8 |
| 34 | Laser induced white lighting of graphene foam. Scientific Reports, 2017, 7, 41281. | 1.6 | 70 |
| 35 | Cathodoluminescence of YAG:Nd optical nanoceramics in the visible and UV ranges. Optical Materials, 2017, 74, 170-175. | 1.7 | 8 |
| 36 | The size effect on the energy transfer in Bi ³⁺ +Eu ³⁺ co-doped GdVO ₄ nanocrystals. Journal of Materials Chemistry C, 2017, 5, 3014-3023. | 2.7 | 39 |

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| 37 | Influence of dopant concentration on spectroscopic properties of Sr ₂ CeO ₄ :Yb nanocrystals. Optical Materials, 2017, 74, 34-40. | 1.7 | 2 |
| 38 | Near-UV sensitized NIR emission in Nd ³⁺ and Bi ³⁺ co-doped GdVO ₄ phosphors. Optical Materials, 2017, 74, 12-15. | 1.7 | 12 |
| 39 | Post-treatment of nanopowders-derived Nd:YAG transparent ceramics by hot isostatic pressing. Ceramics International, 2017, 43, 10013-10019. | 2.3 | 22 |
| 40 | Influence concentration of Nd ³⁺ ion on the laser induced white emission of Y ₂ Si ₂ O ₇ :Nd ³⁺ . Optical Materials, 2017, 74, 135-138. | 1.7 | 28 |
| 41 | Laser induced white emission generated by infrared excitation from Eu ³⁺ :Sr ₂ CeO ₄ nanocrystals. Journal of Chemical Physics, 2017, 146, 104705. | 1.2 | 30 |
| 42 | Broadband laser induced white emission observed from Nd ³⁺ doped Sr ₂ CeO ₄ nanocrystals. Journal of Luminescence, 2017, 192, 243-249. | 1.5 | 27 |
| 43 | Fabrication of Yb:Sc ₂ O ₃ laser ceramics by vacuum sintering co-precipitated nano-powders. Optical Materials, 2017, 72, 482-490. | 1.7 | 11 |
| 44 | Broadband white emission from Yb ³⁺ doped Sr ₂ CeO ₄ nanocrystals. Optical Materials, 2017, 65, 95-98. | 1.7 | 22 |
| 45 | Comment on "A strategy for enhancing the sensitivity of optical thermometers in $\text{Y}_2\text{NaLuF}_4:\text{Yb}^{3+}/\text{Er}^{3+}$ nanocrystals". Journal of Materials Chemistry C, 2016, 4, 4327-4328. | 2.7 | 8 |
| 46 | Modulation of thulium upconversion in potassium tetraphosphate (KLaP ₄ O ₁₂) nanocrystals by co-doping with Yb ³⁺ ions. Journal of Materials Chemistry C, 2016, 4, 2513-2517. | 2.7 | 8 |
| 47 | Water dispersible LiNdP ₄ O ₁₂ nanocrystals: New multifunctional NIR "NIR luminescent materials for bio-applications. Journal of Luminescence, 2016, 176, 144-148. | 1.5 | 45 |
| 48 | Downconversion in Y ₂ Si ₂ O ₇ :Pr ³⁺ , Yb ³⁺ polymorphs for its possible application as luminescent concentrators in photovoltaic solar-cells. Journal of Luminescence, 2016, 177, 172-177. | 1.5 | 22 |
| 49 | Sensitivity of a Nanocrystalline Luminescent Thermometer in High and Low Excitation Density Regimes. Journal of Physical Chemistry C, 2016, 120, 8877-8882. | 1.5 | 120 |
| 50 | Synthesis and characterization of monodisperse Eu ³⁺ doped gadolinium oxysulfide nanocrystals. Journal of Rare Earths, 2016, 34, 850-856. | 2.5 | 12 |
| 51 | Synthesis, structure and NIR luminescence properties of Yb ³⁺ and Bi ³⁺ -activated vanadate GdVO ₄ . Journal of Rare Earths, 2016, 34, 837-842. | 2.5 | 16 |
| 52 | Influence of coating on the photoluminescence of Tb ³⁺ doped ZnSe/ZnS core-shell quantum dots. Journal of Rare Earths, 2016, 34, 828-832. | 2.5 | 9 |
| 53 | Graphene for white lighting. , 2016, , . | | 0 |
| 54 | Governing of down-shifting processes in LiLaP ₄ O ₁₂ :Tb ³⁺ , Yb ³⁺ for enhancement of its near-infrared emission. Journal of Rare Earths, 2016, 34, 833-836. | 2.5 | 1 |

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| 55 | Broadband anti-Stokes white emission of Sr ₂ CeO ₄ nanocrystals induced by laser irradiation. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27921-27927. | 1.3 | 53 |
| 56 | The influence of Nd ³⁺ concentration and alkali ions on the sensitivity of non-contact temperature measurements in ALaP ₄ O ₁₂ :Nd ³⁺ (A = Li, K, Na, Rb) nanocrystalline luminescent thermometers. <i>Journal of Materials Chemistry C</i> , 2016, 4, 11284-11290. | 2.7 | 84 |
| 57 | Synthesis, Structural Characterization, and Emission Properties of NaYF ₄ :Er ³⁺ /Yb ³⁺ Upconversion Nanoluminophores. <i>Journal of Electronic Materials</i> , 2016, 45, 4790-4795. | 1.0 | 6 |
| 58 | Spectroscopic and structural properties of polycrystalline Y ₂ Si ₂ O ₇ doped with Er ³⁺ . <i>Journal of Luminescence</i> , 2016, 170, 614-618. | 1.5 | 9 |
| 59 | Size and temperature dependence of optical properties of Eu ³⁺ :Sr ₂ CeO ₄ nanocrystals for their application in luminescence thermometry. <i>Materials Research Bulletin</i> , 2016, 76, 133-139. | 2.7 | 20 |
| 60 | Laser induced broad band anti-Stokes white emission from LiYbF ₄ nanocrystals. <i>Journal of Rare Earths</i> , 2016, 34, 227-234. | 2.5 | 25 |
| 61 | Cytotoxic interactions of bare and coated NaGdF ₄ :Yb ³⁺ :Er ³⁺ nanoparticles with macrophage and fibroblast cells. <i>Toxicology in Vitro</i> , 2016, 32, 16-25. | 1.1 | 37 |
| 62 | The impact of Eu ³⁺ concentration on charge transfer and f ^f transitions in KLa _{1-x} Eu _x P ₄ O ₁₂ nanocrystals. <i>Journal of Luminescence</i> , 2016, 169, 238-244. | 1.5 | 10 |
| 63 | Luminescent Sr ₂ CeO ₄ nanocrystals for applications in organic solar cells with conjugated polymers. <i>Journal of Luminescence</i> , 2016, 169, 857-861. | 1.5 | 10 |
| 64 | Preparation and Characterization of Yttrium Hydroxide and Oxide Doped with Rare Earth Ions (Eu ³⁺ ,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 1.2 | 10 |
| 65 | The Effects of Morphology and Linker Length on the Properties of Peptide ⁴ Lanthanide Upconversion Nanomaterials as G2 Phase Cell Cycle Inhibitors. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4539-4545. | 1.0 | 8 |
| 66 | Laser-induced white-light emission from graphene ceramics ⁴ opening a band gap in graphene. <i>Light: Science and Applications</i> , 2015, 4, e237-e237. | 7.7 | 122 |
| 67 | An Approach in the Structural and Spectroscopic Analysis of Yb ³⁺ -Doped YAG Nano-ceramics by Conjugation of TEM-EDX and Optical Techniques. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2015, , 285-307. | 0.2 | 0 |
| 68 | Comprehensive study of photoluminescence and cathodoluminescence of YAG:Eu ³⁺ nano- and microceramics. <i>Optical Materials</i> , 2015, 50, 59-64. | 1.7 | 10 |
| 69 | Size effect in luminescent properties of LiNdP ₄ O ₁₂ nanocrystals. <i>Optical Materials</i> , 2015, 41, 17-20. | 1.7 | 15 |
| 70 | Synthesis and Nd ³⁺ Luminescence Properties of ALa _{1-x} Nd _x P ₄ O ₁₂ (A = Li, Na, K, Rb) Tetrphosphate Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2015, 119, 5160-5167. | 1.5 | 18 |
| 71 | Synthesis and spectroscopic properties of RbLa _{1-x} Eu _x P ₄ O ₁₂ nanocrystals. <i>Journal of Alloys and Compounds</i> , 2015, 624, 210-215. | 2.8 | 11 |
| 72 | Influence of grain size on optical properties of Sr ₂ CeO ₄ nanocrystals. <i>Journal of Chemical Physics</i> , 2015, 142, 184701. | 1.2 | 29 |

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| 73 | Near infrared absorbing near infrared emitting highly-sensitive luminescent nanothermometer based on Nd ³⁺ to Yb ³⁺ energy transfer. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 24315-24321. | 1.3 | 173 |
| 74 | Synthesis and up-conversion luminescence of Er ³⁺ and Yb ³⁺ codoped nanocrystalline tetra-(KLaP4O12) and pentaphosphates (LaP5O14). <i>Journal of Chemical Physics</i> , 2015, 143, 094701. | 1.2 | 19 |
| 75 | Preface: LCS 2014. <i>Optical Materials</i> , 2015, 50, 1. | 1.7 | 0 |
| 76 | X-ray luminescence properties of LiLa _{1-x} Nd _x P4O12 nanocrystals: Concentration and size effects. <i>Optical Materials</i> , 2015, 50, 134-137. | 1.7 | 1 |
| 77 | Temperature of broadband anti-Stokes white emission in LiYbP4O12: Er nanocrystals. <i>Applied Physics Letters</i> , 2014, 105, . | 1.5 | 43 |
| 78 | Ce:Y ₃ Al ₅ O ₁₂ "Poly(methyl methacrylate) Composite for White-Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9107-9113. | 1.5 | 25 |
| 79 | Cooperative absorption transitions in LiLa _{1-x} Nd _x P4O12 nanocrystals. <i>Journal of Luminescence</i> , 2014, 148, 214-218. | 1.5 | 4 |
| 80 | The effect of surface ligand, solvent and Yb ³⁺ co-doping on the luminescence properties of Er ³⁺ in colloidal NaGdF ₄ nanocrystals. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8244-8251. | 2.7 | 12 |
| 81 | Synthesis and luminescent properties of La _{1-x} Nd _x P ₅ O ₁₄ nanocrystals. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18004-18009. | 1.3 | 11 |
| 82 | Yb ³⁺ Ions Distribution in YAG Nanoceramics Analyzed by Both Optical and TEM-EDX Techniques. <i>Journal of Physical Chemistry C</i> , 2014, 118, 15474-15486. | 1.5 | 27 |
| 83 | Structural and spectroscopic properties of Yb ³⁺ -doped MgAl ₂ O ₄ nanocrystalline spinel. <i>Dalton Transactions</i> , 2014, 43, 7752-7759. | 1.6 | 24 |
| 84 | Controlling luminescence colour through concentration of Dy ³⁺ ions in LiLa _{1-x} Dy _x P ₄ O ₁₂ nanocrystals. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5704-5708. | 2.7 | 56 |
| 85 | Subresonantly excited Nd ³⁺ fluorescence in LiLa _{1-x} Nd _x P4O12 nanocrystals. <i>Chemical Physics Letters</i> , 2013, 583, 151-154. | 1.2 | 10 |
| 86 | Upconversion emission of LiNdP4O12 and KNdP4O12 crystals. <i>Journal of Luminescence</i> , 2013, 133, 57-60. | 1.5 | 20 |
| 87 | Infrared laser stimulated broadband white emission of Yb ³⁺ :YAG nanoceramics. <i>Optical Materials</i> , 2013, 35, 2013-2017. | 1.7 | 53 |
| 88 | Nanovectors as a complex solution for optical securing. <i>Proceedings of SPIE</i> , 2013, , . | 0.8 | 0 |
| 89 | Anti-Stokes bright yellowish emission of NdAlO3 nanocrystals. <i>Journal of Applied Physics</i> , 2012, 111, . | 1.1 | 61 |
| 90 | Structural and optical properties of Vernier phase lutetium oxyfluorides doped with lanthanide ions: interesting candidates as scintillators and X-ray phosphors. <i>Journal of Materials Chemistry</i> , 2012, 22, 10639. | 6.7 | 40 |

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| 91 | Optimisation of Ligand Exchange Towards Stable Water Suspensions of Crystalline NaYF ₄ :Er ³⁺ , Yb ³⁺ Nanoluminophors. Journal of Nanoscience and Nanotechnology, 2012, 12, 1886-1891. | 0.9 | 12 |
| 92 | White emission of lithium ytterbium tetrakisphosphate nanocrystals. Optics Express, 2011, 19, 14083. | 1.7 | 85 |
| 93 | Bright upconversion emission of Nd ³⁺ in LiLa _{1-x} Nd _x P ₄ O ₁₂ nanocrystalline powders. Optical Materials, 2011, 33, 1492-1494. | 1.7 | 41 |
| 94 | The effect of pumping power on fluorescence behavior of LiNdP ₄ O ₁₂ nanocrystals. Optical Materials, 2011, 33, 1097-1101. | 1.7 | 32 |
| 95 | Special Issue of the International Conference of Excited States of Transition Elements and Workshop on Luminescence (ESTE 2010). Optical Materials, 2011, 33, 1469-1470. | 1.7 | 0 |
| 96 | Enhancement of luminescence properties of Eu ³⁺ :YVO ₄ in polymeric nanocomposites upon UV excitation. Journal of Luminescence, 2011, 131, 473-476. | 1.5 | 29 |
| 97 | Comment on "Colossal dielectric and magnetodielectric effect in Er₂O₃ nanoparticles embedded in a matrix" Physical Review B, 2011, 84, . | | 1 |
| 98 | Size-dependent luminescence in Y ₂ Si ₂ O ₇ nanoparticles doped with Ce ³⁺ ions. Applied Physics A: Materials Science and Processing, 2010, 99, 871-877. | 1.1 | 19 |
| 99 | Spectroscopic properties of Yb ³⁺ -doped Y ₃ Al ₅ O ₁₂ nano-ceramics obtained under different sintering pressures. Radiation Measurements, 2010, 45, 304-306. | 0.7 | 18 |
| 100 | Peculiarities of luminescent properties of cerium doped YAG transparent nanoceramics. Radiation Measurements, 2010, 45, 392-394. | 0.7 | 17 |
| 101 | Size-effect on concentration quenching in Yb ³⁺ -doped Y ₃ Al ₅ O ₁₂ nano-crystals. Journal of Luminescence, 2010, 130, 603-610. | 1.5 | 31 |
| 102 | Synthesis and luminescence properties of LiLa _{1-x} Nd _x P ₄ O ₁₂ nanocrystals. Optical Materials, 2010, 33, 131-135. | 1.7 | 27 |
| 103 | The influence of sintering temperature and Sn ⁴⁺ concentration on electrical and optical properties of ITO nanocrystallites. Journal of Physics: Conference Series, 2009, 146, 012012. | 0.3 | 2 |
| 104 | The luminescent properties of europium-doped tin dioxide nanocrystallites. , 2009, , . | | 0 |
| 105 | Cathodoluminescent properties of Tb ³⁺ -doped yttria nanocrystallites. Journal of Rare Earths, 2009, 27, 574-578. | 2.5 | 13 |
| 106 | Luminescence properties of Cr ³⁺ :Y ₃ Al ₅ O ₁₂ nanocrystals. Journal of Luminescence, 2009, 129, 548-553. | 1.5 | 29 |
| 107 | Luminescence studies of Cr ³⁺ doped MgAl ₂ O ₄ nanocrystalline powders. Chemical Physics, 2009, 358, 52-56. | 0.9 | 37 |
| 108 | Synthesis and characterization of indium-tin oxide nanostructures. Journal of Physics: Conference Series, 2009, 146, 012033. | 0.3 | 1 |

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| 109 | Optical Properties of Cr(III) doped YAG Nanoceramics. ECS Transactions, 2009, 25, 113-119. | 0.3 | 1 |
| 110 | The f ⁴ Emission of Pr ³⁺ Ion as an Optical Probe for the Structural Properties of YAG Nanoceramics. Journal of Nanoscience and Nanotechnology, 2009, 9, 6315-6319. | 0.9 | 17 |
| 111 | The concept of a new simple low-voltage cathodoluminescence set-up with CNT field emission cathodes. , 2009, , . | | 1 |
| 112 | Fabrication and properties of nanocomposite ITO layer containing terbium doped yttrium aluminum garnet nanocrystallites. Proceedings of SPIE, 2009, , . | 0.8 | 2 |
| 113 | The influence of the specific surface of grains on the luminescence properties of Nd ³⁺ -doped Y ₃ Al ₅ O ₁₂ nanopowders. Applied Physics B: Lasers and Optics, 2008, 91, 89-93. | 1.1 | 31 |
| 114 | Synthesis, structure and magnetic properties of BaTiO ₃ nanoceramics. Chemical Physics Letters, 2008, 452, 144-147. | 1.2 | 21 |
| 115 | Fabrication and luminescence studies of Ce:Y ₃ Al ₅ O ₁₂ transparent nanoceramic. Optical Materials, 2008, 30, 714-718. | 1.7 | 40 |
| 116 | Luminescence properties of Y ₃ Al ₅ O ₁₂ :Eu ³⁺ -coated submicron SiO ₂ particles. Journal of Non-Crystalline Solids, 2008, 354, 445-450. | 1.5 | 10 |
| 117 | Low-voltage cathodoluminescence properties of Y ₃ Al ₅ O ₁₂ :Tb ³⁺ nanopowders. Journal of Alloys and Compounds, 2008, 451, 571-574. | 2.8 | 14 |
| 118 | The concentration dependence of luminescence of Nd:Y ₃ Al ₅ O ₁₂ nanoceramics. Journal of Alloys and Compounds, 2008, 451, 549-552. | 2.8 | 19 |
| 119 | Luminescence properties of BaMg ₂ Si ₂ O ₇ :Eu ²⁺ ,Mn ²⁺ . Journal of Alloys and Compounds, 2008, 451, 229-231. | 2.8 | 25 |
| 120 | Photoluminescence investigations of Eu ³⁺ doped BaTiO ₃ nanopowders fabricated using heterometallic tetranuclear alkoxide complexes. Journal of Alloys and Compounds, 2008, 451, 557-562. | 2.8 | 29 |
| 121 | Fabrication, luminescent properties and possible photonics application of Eu:Y ₂ O ₃ nanoparticles. , 2008, , . | | 0 |
| 122 | Fabrication and luminescent properties of ITO nanocrystalline coated micro Eu:Y ₂ O ₃ particles. Proceedings of SPIE, 2008, , . | 0.8 | 1 |
| 123 | New optical tools used for characterization of phase transitions in nonlinear nano-crystals. Example of Yb ³⁺ -doped BaTiO ₃ . Journal of Physics Condensed Matter, 2007, 19, 096204. | 0.7 | 11 |
| 124 | Fabrication, properties and possible applications of pure and Eu ³⁺ doped SnO ₂ and In ₂ O ₃ (ITO) nanocrystallites. , 2007, , . | | 3 |
| 125 | Luminescence properties of Nd:YAG nanoceramics prepared by low temperature high pressure sintering method. Optical Materials, 2007, 29, 1244-1251. | 1.7 | 33 |
| 126 | Method of preparation and structural properties of transparent YAG nanoceramics. Optical Materials, 2007, 29, 1252-1257. | 1.7 | 97 |

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| 127 | Fabrication and optical properties of transparent Nd ³⁺ :YAG nanoceramics. Journal of Luminescence, 2007, 122-123, 70-73. | 1.5 | 15 |
| 128 | Effect of grain size and concentration of active ions on structural and optical behavior of Eu ³⁺ -doped Y ₃ Al ₅ O ₁₂ nanocrystallites. Journal of Luminescence, 2007, 122-123, 91-94. | 1.5 | 23 |
| 129 | Persistent luminescence of Ba ₂ MgSi ₂ O ₇ :Eu ²⁺ . Journal of Luminescence, 2007, 122-123, 110-112. | 1.5 | 49 |
| 130 | Microwave driven hydrothermal synthesis of Ba _{1-x} Sr _x TiO ₃ nanoparticles. Materials Research Bulletin, 2007, 42, 1188-1194. | 2.7 | 23 |
| 131 | Rare-Earth Doped Nanocrystalline Phosphors for Field Emission Displays. Journal of Nanomaterials, 2007, 2007, 1-7. | 1.5 | 78 |
| 132 | Fabrication and optical properties of selected coreshell structures with nanocrystalline rare-earth doped phosphors coated with SiO ₂ submicron particles. , 2007, , . | | 1 |
| 133 | Rare-Earth Doped Nanocrystalline Phosphors for Field Emission Display Application. , 2006, , . | | 1 |
| 134 | Preparation and conductivity measurement of Eu doped BaTiO ₃ nanoceramic. Journal of Alloys and Compounds, 2006, 408-412, 637-640. | 2.8 | 20 |
| 135 | Synthesis and luminescence properties of Eu ³⁺ -doped LaAlO ₃ nanocrystals. Journal of Alloys and Compounds, 2006, 408-412, 828-830. | 2.8 | 50 |
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