

Hyun Kyoung Yang

List of Publications by Year in descending order

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2,683
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186265
28
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233421
45
g-index

134
all docs

134
docs citations

134
times ranked

2538
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#	ARTICLE	IF	CITATIONS
1	Photoluminescence Properties of CeO ₂ :Eu ³⁺ Nanoparticles Synthesized by a Sol-Gel Method. <i>Journal of Physical Chemistry C</i> , 2009, 113, 610-617.	3.1	116
2	Color tunable carbon quantum dots from wasted paper by different solvents for anti-counterfeiting and fluorescent flexible film. <i>Chemical Engineering Journal</i> , 2020, 383, 123200.	12.7	103
3	Characterization and photoluminescent enhancement of Li ⁺ corporation effect on CaWO ₄ :Eu ³⁺ phosphor. <i>Journal of Alloys and Compounds</i> , 2012, 511, 123-128.	5.5	100
4	Preparation and luminescent properties of phosphor Mg ₂ (MoO ₄) ₄ : Eu ³⁺ (M=Ca, Sr and Ba). <i>Journal of Luminescence</i> , 2010, 130, 1390-1393.	3.1	88
5	Crystal Structure, Electronic Structure, and Optical and Photoluminescence Properties of Eu(III) Ion-Doped Lu ₆ Mo(W)O ₁₂ . <i>Inorganic Chemistry</i> , 2011, 50, 12522-12530.	4.0	80
6	Ultraviolet to blue blocking and wavelength convertible films using carbon dots for interrupting eye damage caused by general lighting. <i>Nano Energy</i> , 2019, 60, 87-94.	16.0	76
7	Versatile fluorescent CaGdAlO ₄ :Eu ³⁺ red phosphor for latent fingerprints detection. <i>Journal of Alloys and Compounds</i> , 2020, 824, 153994.	5.5	70
8	Evolution of CaGd ₂ ZnO ₅ :Eu ³⁺ nanostructures for rapid visualization of latent fingerprints. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4246-4256.	5.5	69
9	Hydrothermal synthesis and enhanced photoluminescence of Tb ³⁺ in Ce ³⁺ /Tb ³⁺ doped KGdF ₄ nanocrystals. <i>Journal of Materials Chemistry</i> , 2011, 21, 10342.	6.7	68
10	Luminescence of a novel cyan emitting Sr ₁₀ (PO ₄) ₆ O:Ce ³⁺ phosphor for visualization of latent fingerprints and anti-counterfeiting applications. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 542-554.	7.8	61
11	Synthesis, Crystal Growth, and Photoluminescence Properties of YAG:Eu ³⁺ Phosphors by High-Energy Ball Milling and Solid-State Reaction. <i>Journal of Physical Chemistry C</i> , 2010, 114, 226-230.	3.1	60
12	Deep red-emitting Ca ₁₄ Al ₁₀ Zn ₆ O ₃₅ :Mn ⁴⁺ phosphors for WLED applications. <i>Journal of Alloys and Compounds</i> , 2017, 714, 390-396.	5.5	59
13	Investigation of the structure and photoluminescence properties of Eu ³⁺ ion-activated Y ₆ W _x Mo _(1-x) Tj _{ETQq1} 1 0.784314 rgBT / Overl 6.7 57	6.7	57
14	Novel red-emitting Y ₄ Zr ₃ O ₁₂ :Eu ³⁺ nanophosphor for latent fingerprint technology. <i>Dyes and Pigments</i> , 2017, 141, 348-355.	3.7	52
15	Versatile fluorescent Gd ₂ MoO ₆ :Eu ³⁺ nanophosphor for latent fingerprints and anti-counterfeiting applications. <i>Ceramics International</i> , 2019, 45, 11591-11599.	4.8	51
16	Synthesis and luminescent properties of low concentration Dy ³⁺ :GAP nanophosphors. <i>Optical Materials</i> , 2009, 31, 1210-1214.	3.6	49
17	Color-conversion and photoluminescence properties of Ba ₂ MgW(Mo)O ₆ :Eu phosphor. <i>Journal of Alloys and Compounds</i> , 2011, 509, 8788-8793.	5.5	49
18	Luminescence investigations of Sr ₃ SiO ₅ :Eu ²⁺ orange-yellow phosphor for UV-based white LED. <i>Ceramics International</i> , 2014, 40, 12503-12508.	4.8	48

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19	Rapid visualization of latent fingerprints with Eu-doped La ₂ Ti ₂ O ₇ . Journal of Luminescence, 2018, 201, 275-283.	3.1	46
20	The effective fingerprint detection application using Gd ₂ Ti ₂ O ₇ :Eu ³⁺ nanophosphors. Journal of Alloys and Compounds, 2018, 741, 246-255.	5.5	45
21	Hydrothermal Synthesis and White Luminescence of Dy ³⁺ -Doped NaYF ₄ Microcrystals. Journal of the American Ceramic Society, 2011, 94, 3405-3411.	3.8	44
22	Green and red emitting YBO ₃ :Ln ³⁺ (Ln=Eu, Tb) phosphors for detection of latent fingerprint. Journal of Alloys and Compounds, 2019, 789, 367-374.	5.5	42
23	Photoluminescent properties of Ln ₂ O ₃ :Eu ³⁺ (Ln=Y, Lu and Gd) prepared by hydrothermal process and sol-gel method. Materials Chemistry and Physics, 2010, 119, 471-477.	4.0	41
24	Li doping effect on the luminescent characteristics of YVO ₄ :Eu ³⁺ thin films grown by pulsed laser deposition. Applied Surface Science, 2007, 253, 8273-8277.	6.1	35
25	Improved luminescent behavior of YVO ₄ :Eu ³⁺ ceramic phosphors by Li contents. Solid State Sciences, 2010, 12, 1445-1448.	3.2	33
26	Controlled Fabrication and Shape-Dependent Luminescence Properties of Hexagonal NaCeF ₄ , NaCeF ₄ :Tb ³⁺ +Nanorods via Polyol-Mediated Solvothermal Route. Inorganic Chemistry, 2011, 50, 3387-3393.	4.0	31
27	Sol-gel synthesis, structure and photoluminescence properties of nanocrystalline Lu ₂ MoO ₆ :Eu. Materials Research Bulletin, 2011, 46, 1352-1358.	5.2	31
28	Color rendering improvement of the YAG:Ce ³⁺ phosphors by co-doping with Gd ³⁺ ions. Ceramics International, 2016, 42, 2204-2208.	4.8	30
29	Low temperature synthesis and luminescence investigations of YAG:Ce, Eu nanocomposite powder for warm white light-emitting diode. Solid State Sciences, 2014, 27, 43-46.	3.2	28
30	High temperature synthesis of yellow-emitting Y ₂ BaAl ₄ SiO ₁₂ :Ce ³⁺ phosphors for WLED applications. Chemical Physics Letters, 2018, 708, 66-70.	2.6	28
31	Hydrothermal synthesis and optical characteristics of Eu ³⁺ in Zn ₂ SnO ₄ nanocrystals. Current Applied Physics, 2009, 9, 1360-1364.	2.4	27
32	Synthesis and photoluminescence properties of CaGd ₂ (MoO ₄) ₄ :Eu ³⁺ red phosphors. Ceramics International, 2016, 42, 5737-5742.	4.8	26
33	Development of red-emitting Ba ₂ LaSbO ₆ :Mn ⁴⁺ phosphors for latent fingerprint detection. Ceramics International, 2021, 47, 19496-19504.	4.8	26
34	Luminescence characteristic of YVO ₄ :Eu ³⁺ thin film phosphors by Li doping. Thin Solid Films, 2008, 516, 5577-5581.	1.8	25
35	Combustion synthesis and luminescent properties of the Eu ³⁺ -doped yttrium oxysulfide nanocrystalline. Optical Materials, 2008, 31, 58-62.	3.6	24
36	Host Sensitized White Luminescence of Dy ³⁺ Activated GdPO ₄ Phosphors. Journal of the Electrochemical Society, 2011, 158, J6.	2.9	24

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37	Tunable photoluminescence properties of Eu(II)- and Sm(III)-coactivated Ca ₉ Y(PO ₄) ₇ and energy transfer between Eu(II) and Sm(III). <i>Optical Materials Express</i> , 2012, 2, 443.	3.0	22
38	RE ³⁺ (RE = Ce ³⁺ , Tb ³⁺) doped BaGdF ₅ nanocrystals: Synthesis, optical and magnetic properties, and energy transfer. <i>Materials Research Bulletin</i> , 2012, 47, 1704-1708.	5.2	21
39	Phosphor-in-glass (PiG) plates for blue laser diode driven white-light emission. <i>Journal of Alloys and Compounds</i> , 2020, 842, 155922.	5.5	21
40	Synthesis and enhanced luminescence properties of Li-doped CaTiO ₃ :Pr ³⁺ ceramic phosphors. <i>Solid State Sciences</i> , 2011, 13, 1420-1423.	3.2	20
41	Photoluminescent properties of near-infrared excited blue emission in Yb, Tm co-doped LaGaO ₃ phosphors. <i>Ceramics International</i> , 2014, 40, 13357-13361.	4.8	20
42	La ₂ Sn ₂ O ₇ :Eu ³⁺ Micronanospheres: Hydrothermal Synthesis and Luminescent Properties. <i>Crystal Growth and Design</i> , 2009, 9, 616-621.	3.0	19
43	Synthesis, crystal growth, phase transformation and photoluminescence properties of GdVO ₄ :Eu ³⁺ micro-rods by a high-energy ball milling method. <i>CrystEngComm</i> , 2011, 13, 4723.	2.6	19
44	Luminescent characteristics of CaTiO ₃ :Pr ³⁺ thin films prepared by pulsed laser deposition method with various substrates. <i>Applied Surface Science</i> , 2009, 255, 5062-5066.	6.1	18
45	Preparation and Photoluminescence Properties of Gd ₂ O ₃ :Eu ³⁺ Inverse Opal Photonic Crystals. <i>Journal of Physical Chemistry C</i> , 2010, 114, 19891-19894.	3.1	18
46	Structural and luminescent properties of blue-emitting Sr ₂ CeO ₄ phosphors by high-energy ball milling method. <i>Ceramics International</i> , 2015, 41, 1249-1254.	4.8	18
47	Gd ₂ O ₃ :Pr ³⁺ nanospheres as bi-functional contrast agents for optical and magnetic resonance imaging properties. <i>Ceramics International</i> , 2019, 45, 5958-5964.	4.8	18
48	Spectroscopy of nanocrystalline TiO ₂ :Eu ³⁺ phosphors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 313-314, 82-86.	4.7	17
49	Synthesis, Characterization, and Luminescent Properties of Pr ³⁺ -Doped Bulk and Nanocrystalline BaTiO ₃ Phosphors. <i>Journal of Physical Chemistry C</i> , 2008, 112, 5724-5728.	3.1	17
50	Structure, Charge Transfer Bands and Photoluminescence of Nanocrystals Tetragonal and Monoclinic ZrO ₂ :Eu. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 350-357.	0.9	17
51	Surface morphology and photoluminescence characteristics of Eu-doped YVO ₄ thin films. <i>Optical Materials</i> , 2006, 28, 703-708.	3.6	16
52	Solvothermal synthesis and luminescence properties of NaYF ₄ :Ln ³⁺ (Eu ³⁺ , Tb ³⁺ , Yb ³⁺ /Er ³⁺) nano- and microstructures. <i>Optical Materials</i> , 2012, 34, 1007-1012.	3.6	16
53	Photoluminescence investigations of YAG:Eu nanocomposite powder by high-energy ball milling. <i>Current Applied Physics</i> , 2009, 9, e86-e88.	2.4	15
54	Synthesis, crystal structure and photoluminescent properties of Eu ³⁺ ion-activated R ₄ MoO ₉ (R = Y, Gd). <i>Tj ETQq 0 0 rgBT /Overlock</i>	4.0	15

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55	Preparation and photoluminescence properties of nano-sized SrZnO ₂ :Sm ³⁺ phosphor powders obtained by high-energy ball milling. <i>Ceramics International</i> , 2015, 41, 991-994.	4.8	15
56	Polyol-mediated solvothermal synthesis and luminescence properties of CeF ₃ , and CeF ₃ :Tb ³⁺ nanocrystals. <i>Journal of Solid State Chemistry</i> , 2011, 184, 246-251.	2.9	14
57	Cyan-emitting BaZrSi ₃ O ₉ :Eu ²⁺ +phosphors for near-UV based white light-emitting diodes. <i>Materials Letters</i> , 2016, 173, 68-71.	2.6	14
58	Luminescence Properties and Crystallinity of Sm ³⁺ -doped NaGd(WO ₄) ₂ Powder Phosphors. <i>Journal of the Korean Physical Society</i> , 2010, 57, 1760-1763.	0.7	14
59	Hydrothermal synthesis and optical properties of Eu ³⁺ doped NaREF ₄ (RE = Y, Gd), LnF ₃ (Ln = Y, La), and YF ₃ ·1.5NH ₃ micro/nanocrystals. <i>Materials Research Bulletin</i> , 2011, 46, 1553-1559.	5.2	13
60	Synthesis and photoluminescence of novel 3D flower-like CaMoO ₄ architectures hierarchically self-assembled with tetragonal bipyramid nanocrystals. <i>Optical Materials</i> , 2015, 43, 10-17.	3.6	13
61	Light-extraction enhancement of white LEDs with different phases of TiO ₂ :0.01Eu ³⁺ spheres. <i>Current Applied Physics</i> , 2017, 17, 527-532.	2.4	13
62	Li-doping effect on enhancement of photoluminescence in Gd ₂ O ₃ :Eu ³⁺ films. <i>Optical Materials</i> , 2006, 28, 693-697.	3.6	12
63	Li-doping effect on the photoluminescence behaviors of Eu-doped Y _{2-x} Gd _x O ₃ ceramic phosphors. <i>Journal of Luminescence</i> , 2007, 122-123, 87-90.	3.1	12
64	Photoluminescent properties of Y _{1-x} Gd _x VO ₄ :Eu ³⁺ powder phosphors. <i>Current Applied Physics</i> , 2009, 9, S226-S229.	2.4	12
65	Crystalline and photoluminescence characteristics of YVO ₄ :Sm ³⁺ thin films grown by pulsed laser deposition under oxygen pressure. <i>Journal of Luminescence</i> , 2009, 129, 492-495.	3.1	12
66	Investigation of red-emitting Bi ₄ Si ₃ O ₁₂ :Eu ³⁺ phosphor under the deep UV irradiation as a novel material for white light and color tunable emission. <i>Optik</i> , 2018, 166, 69-76.	2.9	12
67	Synthesis and luminescent properties of europium-activated Ca ₂ SnO ₄ phosphors by sol-gel method. <i>Journal of Luminescence</i> , 2009, 129, 1669-1672.	3.1	11
68	Enhancement of the luminescent characteristics of Li-doped CaTiO ₃ :Pr ³⁺ thin films grown by pulsed laser deposition. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 085411.	2.8	11
69	Synthesis and spectral properties of nanocrystalline Eu ³⁺ -doped pyrochlore oxide M ₂ Sn ₂ O ₇ (M=Ag, Gd) Tj ETQq1 1,0,784314 11gBT/Over	2.4	11
70	Hydrothermal synthesis, phase evolution, and optical properties of Eu ³⁺ -doped K ₂ YF ₃ system materials. <i>Journal of Materials Research</i> , 2012, 27, 2988-2995.	2.6	11
71	Luminescence properties of stoichiometric EuM ₂ S ₄ (M=Ga, Al) conversion phosphors for white LED applications. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012, 209, 2620-2625.	1.8	11
72	Sintering temperature effect of divalent europium ion doped tetra-calcium phosphate phosphors for latent fingerprint detection. <i>Optical Materials</i> , 2018, 81, 37-44.	3.6	11

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73	Luminescence Characteristics of Pr ³⁺ Ion Doped CaTiO ₃ Nanopowder Phosphors Synthesized by Solvothermal Method. Journal of Nanoscience and Nanotechnology, 2011, 11, 6208-6212.	0.9	10
74	Effect of Yb ³⁺ Concentrations on the Upconversion Luminescence Properties of ZrO ₂ :Er ³⁺ , Yb ³⁺ Phosphors. Japanese Journal of Applied Physics, 2013, 52, 01AM02.	1.5	10
75	Photoluminescent properties of novel red-emitting GdSr ₂ AlO ₅ :Eu ³⁺ phosphors. Optik, 2016, 127, 10614-10620.	2.9	10
76	Enhanced Red Emission of LaVO ₄ :Eu ³⁺ Phosphors by Li-doping. Journal of the Korean Physical Society, 2010, 57, 1764-1768.	0.7	10
77	Efficiency enhancement by aluminum addition to CaTiO ₃ :Pr ³⁺ phosphor thin films. Thin Solid Films, 2008, 516, 1613-1616.	1.8	9
78	Photoluminescence properties of new deep red-emitting Mn ²⁺ -activated CaLaGa ₃ S ₆ O phosphors. Journal of the Korean Physical Society, 2012, 61, 1075-1079.	0.7	9
79	Up-converted luminescence in Yb, Tm co-doped LaGaO ₃ phosphors by high-energy ball milling and solid state reaction. Solid State Sciences, 2012, 14, 236-240.	3.2	9
80	Surface morphology and crystalline phase dependent photoluminescence of Gd ₂ O ₃ :Eu ³⁺ thin films grown on various substrates. Thin Solid Films, 2006, 515, 2497-2500.	1.8	8
81	Hydrothermal Synthesis and Luminescent Properties of Uniform CaSnO ₃ :Eu ³⁺ Microcrystals with Controlled Morphology. Journal of the Electrochemical Society, 2009, 156, J308.	2.9	8
82	Concentration Enhanced Upconversion Luminescence in ZrO ₂ :Ho ³⁺ , Yb ³⁺ Nanophosphors. Journal of Nanoscience and Nanotechnology, 2013, 13, 4006-4009.	0.9	8
83	Biocompatible sphere, square prism and hexagonal rod Gd ₂ O ₃ :Eu ³⁺ @SiO ₂ nanoparticles: The effect of morphology on multi-modal imaging. Colloids and Surfaces B: Biointerfaces, 2018, 172, 224-232.	5.0	8
84	Correlated color temperature alteration with changing the position of carbon dot film for warm WLEDs. Dyes and Pigments, 2021, 186, 109063.	3.7	8
85	SOL-GEL COMBUSTION SYNTHESIS AND LUMINESCENT PROPERTIES OF NANOCRYSTALLINE Y ₃ Al ₅ O ₁₂ :Eu ³⁺ PHOSPHORS. Surface Review and Letters, 2010, 17, 73-79.		
86	Synthesis, Crystal Growth of Eu ³⁺ -Doped YVO ₄ Micro-Rods Phosphors by Using High-Energy Ball Milling Method and Their Photoluminescence Properties. Journal of the Electrochemical Society, 2012, 159, J227-J230.	2.9	7
87	Low-temperature synthesis of luminescent and mesoporous ¹² -NaYF ₄ microspheres via polyol-mediated solvothermal route. RSC Advances, 2013, 3, 4763.	3.6	7
88	Hydrothermal Synthesis and Photoluminescence Investigation of NaY(MoO ₄) ₂ :Eu ³⁺ Nanophosphor. Journal of Nanoscience and Nanotechnology, 2014, 14, 8724-8728.	0.9	7
89	Synthesis, characterization and luminescence properties of CaMoO ₄ :Eu ³⁺ red phosphor for use in light-emitting diodes. Journal of the Korean Physical Society, 2015, 66, 1895-1900.	0.7	7
90	Ultra-fast synthesis of carbon dots using the wasted coffee residues for environmental remediation. Current Applied Physics, 2022, 36, 9-15.	2.4	7

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91	Synthesis, characterization and luminescence properties of Eu ³⁺ -doped La ₂ Sn ₂ O ₇ nanospheres. <i>Current Applied Physics</i> , 2009, 9, e89-e91.	2.4	6
92	Ce ³⁺ /Tb ³⁺ activated GdF ₃ , KGdF ₄ , and CeF ₃ submicro/nanocrystals: Synthesis, phase evolution, and optical properties. <i>Journal of Materials Research</i> , 2011, 26, 2916-2923.	2.6	6
93	Structure Dependence of the Photoluminescence Properties of Eu ³⁺ -Ion-Activated R ₂ Mo ₄ O ₁₅ (R = Y, La). <i>Tj ETQq1</i> 1,0,784314 rgBT /O	2.9	6
94	Synthesis and photoluminescence characteristics of BaY ₂ ZnO ₅ :Eu ³⁺ phosphors fabricated by using both high-energy ball milling and a solid-state reaction. <i>Journal of the Korean Physical Society</i> , 2012, 61, 2011-2016.	0.7	6
95	Fine yellow GdSr ₂ AlO ₅ :Ce ³⁺ phosphor for white LEDs prepared by high energy ball milling process. <i>Ceramics International</i> , 2016, 42, 4594-4599.	4.8	6
96	Multi modality of hollow tube Gd ₂ O ₃ :Eu ³⁺ nanoparticles by using nonpolar solvent. <i>Journal of Alloys and Compounds</i> , 2017, 725, 807-817.	5.5	6
97	Influence of the variation Yb ³⁺ concentration and sintering temperature in GdVO ₄ : Tm ³⁺ /Yb ³⁺ blue emission phosphors. <i>Optik</i> , 2017, 131, 475-482.	2.9	6
98	Enhanced luminescence of Gd ₂ O ₃ :Eu ³⁺ buffer-layered Y ₂ O ₃ :Eu ³⁺ thin films. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006, 127, 159-163.	3.5	5
99	Crystallinity and surface roughness dependent photoluminescence of Y _{1-x} Gd _x VO ₄ :Eu ³⁺ thin films grown on Si (100) substrate. <i>Thin Solid Films</i> , 2009, 517, 5137-5140.	1.8	5
100	Luminescent Properties of SrZnO ₂ :Tb ³⁺ Hybrid Thin Film Phosphors Grown by Pulsed Laser Deposition. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 871-875.	0.9	5
101	Ultra-fast synthesis and photoluminescence properties of red-emitting NaBiF ₄ :Eu ³⁺ nanophosphors by various NH ₄ F concentrations. <i>Journal of Luminescence</i> , 2019, 211, 176-182.	3.1	5
102	Synthesis and Characterization of the Intense Red Phosphor AgEu(MoO ₄) ₂ for Blue GaN-Based LED Chips. <i>Journal of the Korean Physical Society</i> , 2009, 54, 720-724.	0.7	5
103	Photoluminescence and cathodoluminescence of YVO ₄ :Sm ³⁺ thin films prepared by pulsed laser deposition method with various substrates. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 92, 337-340.	2.3	4
104	Photoluminescence characteristics of Li-doped CaTiO ₃ :Pr ³⁺ thin films grown on Si (100) substrate by PLD. <i>Thin Solid Films</i> , 2010, 518, 6219-6222.	1.8	4
105	Crystal field effects on the photoluminescence properties of Y _{1-x} La _x VO ₄ :Eu ³⁺ phosphors. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 104, 383-386.	2.3	4
106	Hydrothermal Synthesis and Optical Properties of Eu ³⁺ -Doped CaSnO ₃ Nanocrystals. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 1629-1631.	0.9	4
107	Synthesis and Luminescence Properties Behavior of Eu ³⁺ -doped Nanocrystalline and Bulk GdVO ₄ Phosphors by High-Energy Ball Milling and Solid State Reaction. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 474-478.	0.9	4
108	Crystal growth and luminescence properties of the Nd:GdVO ₄ micro-rods: A promising laser material. <i>Ceramics International</i> , 2015, 41, 7207-7210.	4.8	4

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109	Effects of sintering temperature on Ce ³⁺ -doped Ca ₃ Y ₂ Si ₃ O ₁₂ blue-emitting oxide phosphors. Journal of the Korean Physical Society, 2015, 67, 371-375.	0.7	4
110	Synthesis of TiO ₂ spheres and their utilization in the enhancement light-extraction efficiency of WLEDs. Materials Research Bulletin, 2017, 94, 456-462.	5.2	4
111	Improvement of luminescence properties of NaYF ₄ :Yb ³⁺ /Er ³⁺ upconversion materials by a cross-relaxation mechanism based on co-doped Ho ³⁺ ion concentrations. Luminescence, 2021, 36, 812-818.	2.9	4
112	Gd(OH) ₃ with multiform morphologies and MRI contrast agent properties by different solvents. Inorganic Chemistry Frontiers, 2017, 4, 1287-1295.	6.0	4
113	SURFACE MORPHOLOGY AND PHOTOLUMINESCENCE CHARACTERISTICS OF Sm-DOPED YVO ₄ THIN FILMS. Surface Review and Letters, 2007, 14, 873-878.	1.1	3
114	Enhanced luminescence properties of Li-doped CaTiO ₃ :Pr ³⁺ thin films grown by PLD under various lithium ion contents. Current Applied Physics, 2011, 11, S180-S183.	2.4	3
115	A New Deep Red-Emitting Mn ²⁺ -Activated SrLaGa ₃ S ₆ O Phosphor. Key Engineering Materials, 2012, 531-532, 145-148.	0.4	3
116	Synthesis, phase composition modification, and optical properties of Ce ³⁺ /Tb ³⁺ activated KGdF ₄ and GdF ₃ submicrocrystals. Journal of Solid State Chemistry, 2012, 187, 45-50.	2.9	3
117	Synthesis and Luminescent Properties of Gd ₂ MoO ₆ :Eu ³⁺ . Journal of Nanoscience and Nanotechnology, 2015, 15, 7765-7769.	0.9	3
118	Enhancement of light extraction efficiency with different molar amount of europium in TiO ₂ :Eu ³⁺ for WLEDs. Optik, 2017, 136, 595-601.	2.9	3
119	Microwave-assisted sintering synthesis of greenish-yellow emitting Sr ₂ SiO ₄ :Eu ²⁺ phosphors. Luminescence, 2018, 33, 1081-1086.	2.9	3
120	Microwave-assisted sintering synthesis and luminescence characteristics of Sr ₃ SiO ₅ :Eu ²⁺ phosphors for Eu ²⁺ concentrations. Optik, 2018, 172, 1205-1210.	2.9	3
121	Synthesis and optical properties of 10mol% Ce ³⁺ , 5mol% Tb ³⁺ co-doped KGdF ₄ and GdF ₃ submicro/nanocrystals. Optics Communications, 2011, 284, 5453-5456.	2.1	2
122	Crystal growth and photoluminescence characteristics of Ca ₂ MgSi ₂ O ₇ :Eu ³⁺ thin films grown by pulsed laser deposition. Materials Research Bulletin, 2012, 47, 2871-2874.	5.2	2
123	Crystal Growth and Photoluminescence Properties of Sm ³⁺ Doped CeO ₂ Nanophosphors by Solvothermal Method. Journal of Nanoscience and Nanotechnology, 2013, 13, 6060-6063.	0.9	2
124	Orange-red light emitting europium-doped calcium molybdate phosphor prepared by high-energy ball milling. Optical Engineering, 2016, 55, 097108.	1.0	2
125	Low-Temperature Synthesis of CaTiO ₃ Nanocrystals Doped with Pr ³⁺ Ions and Their Luminescence. Journal of Nanoscience and Nanotechnology, 2009, 9, 3982-3986.	0.9	1
126	Three-Dimensionally Ordered Macroporous ZrO ₂ :Tb ³⁺ Films: Synthesis, Characterization, and Photoluminescence Properties. Japanese Journal of Applied Physics, 2011, 50, 01AK06.	1.5	1

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127	Luminescent Properties of Eu ³⁺ -Doped BaGd ₂ ZnO ₅ Phosphors for White LED. Key Engineering Materials, 2012, 531-532, 22-26.	0.4	1
128	Photoluminescence Property of a Eu ²⁺ -Doped Ba ₂ SiO ₄ Phosphor Fabricated by Using the High-Energy Ball-Milling Method. New Physics: Sae Mulli, 2016, 66, 822-827.	0.1	1
129	Crystal growth and photoluminescence properties of Eu ³⁺ -doped Y ₃ Al ₅ O ₁₂ nanocrystals by high-energy ball milling. , 2010, , .		0
130	Synthesis and optical properties of Eu ³⁺ -doped CaSnO ₃ nanocrystals by hydrothermal method. , 2010, , .		0
131	Blending Lumogen-encapsulated nanoparticles as white OLED materials. Molecular Crystals and Liquid Crystals, 2017, 659, 154-159.	0.9	0
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