

Hyo Jin Seo

List of Publications by Year in descending order

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232
papers

4,615
citations

134610

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all docs

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docs citations

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times ranked

4357
citing authors

#	ARTICLE	IF	CITATIONS
1	Abnormal reduction and luminescence properties of Sm ²⁺ -doped Sr ₅ (PO ₄) ₃ Cl prepared by solution combustion synthesis. <i>Journal of Luminescence</i> , 2022, 241, 118514.	1.5	3
2	Preparation and characterization of Mo ₆ V _{8.5} Te _{0.5} O ₄₀ mixed oxide with intrinsic redox couples as an efficient photocatalyst for dye degradation. <i>Journal of Alloys and Compounds</i> , 2022, 898, 162818.	2.8	6
3	Heterovalent substitution of Nb ⁵⁺ , Ta ⁵⁺ on Te ⁴⁺ sites and induced modification on luminescence and photocatalysis of Te-V mixed oxide Te ₂ V ₂ O ₉ . <i>Journal of Alloys and Compounds</i> , 2022, 902, 163551.	2.8	8
4	Preparation and improved photochemical properties of V-doped Nb ₂ Te ₄ O ₁₃ . <i>Ceramics International</i> , 2022, 48, 12742-12751.	2.3	6
5	Formation of complete solid-solution and luminescence-evolution of cyclophosphates KMg(PO ₃) ₃ &K Mn(PO ₃) ₃ . <i>Journal of Luminescence</i> , 2021, 229, 117644.	1.5	10
6	Phase-formations of Mg ₂ P ₂ O ₇ &Mn ₂ P ₂ O ₇ mixed pyrophosphates and their desired luminescence abilities. <i>Dalton Transactions</i> , 2021, 50, 8413-8425.	1.6	2
7	Realizing luminescent and dielectric abilities via lattice-disturbance with Eu ³⁺ /Ti ⁴⁺ co-substitutions in Ba ₂ Nb ₅ O ₁₅ ceramics. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5115-5123.	3.2	12
8	Boosting photodegradation of dye solutions based on Eu ³⁺ doping in Bismuth-layered oxyhalogenide semiconductor NaBi ₃ O ₄ Cl _{1.5} Br _{0.5} . <i>Applied Surface Science</i> , 2021, 567, 150814.	3.1	12
9	Improved intrinsic emission efficiency and photocatalysis of Nb ₂ WO ₈ by Li ⁺ -doping. <i>Journal of Alloys and Compounds</i> , 2021, 881, 160679.	2.8	5
10	Cation substitution and luminescence properties of Eu ²⁺ /Ga ³⁺ -codoped Na ₂ ZrSi ₂ O ₇ . <i>Journal Physics D: Applied Physics</i> , 2021, 54, 025103.	1.3	2
11	Preparation and photochemical properties of Sb ₃ Nb ₃ O ₁₃ nanoparticles and the derived semiconductor heterojunctions. <i>Journal of Luminescence</i> , 2020, 220, 116924.	1.5	3
12	Phase-formation and luminescence properties of Eu ³⁺ -doped Bi ₂ O ₃ on synthetic process. <i>Journal of Luminescence</i> , 2020, 220, 116970.	1.5	11
13	LiBiO ₂ /Bi ₂ O ₃ semiconductor heterojunctions with facile preparation and actively optical performances. <i>Powder Technology</i> , 2020, 362, 690-697.	2.1	8
14	Co-precipitation synthesis, band modulation and improved visible-light-driven photocatalysis of Te ⁴⁺ /Ti ⁴⁺ -codoped Bi ₃ Nb ₁₇ O ₄₇ . <i>Ceramics International</i> , 2020, 46, 7131-7141.	2.3	9
15	Particularly developed transition from the ⁵ D ₁ level of Eu ³⁺ and its significant contribution to the improved photocatalysis of (Bi ₃ Li)O ₄ Cl ₂ via prolonging the decay time of the excited state. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15717-15727.	2.7	6
16	Eu ³⁺ -doped Bi ₇ O ₅ F ₁₁ microplates with simultaneous luminescence and improved photocatalysis. <i>APL Materials</i> , 2020, 8, .	2.2	7
17	Manipulating Luminescence and Photocatalytic Activities of BiVO ₄ by Eu ³⁺ Ions Incorporation. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11767-11779.	1.5	10
18	Determination of phase-formation of (Mg _{1-x} Mn _x) ₂ Al ₄ Si ₅ O ₁₈ (<x> = 0 <1) cordierite solid-solutions via crystallographic sites and luminescence dynamics of Mn ²⁺ centers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7899-7907.	2.7	9

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19	Morphology modification, spectrum, and optical thermometer application of rare earth ions doped $\text{Eu}^{2+}\text{Ag}_2\text{WO}_4$. Journal of Luminescence, 2020, 224, 117303.	1.5	7
20	Rearranging cations on B sites to modify luminescence in layered-perovskite-like $\text{La}_3\text{Ti}_2\text{TaO}_{11}:\text{Eu}^{3+}$ ceramic phosphors. Journal of Luminescence, 2020, 226, 117410.	1.5	3
21	Solvothermal synthesis, morphology, and optical properties of Bi_2O_3 and $\text{Bi}/\text{Bi}_2\text{O}_3$ powders. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	6
22	Luminescence and energy transfer in $\text{BaY}_2(\text{MoO}_4)_4:\text{Tb}^{3+}, \text{Eu}^{3+}$ phosphors and bifunctional applications in thermometry and light emitting diodes. Journal of Luminescence, 2020, 222, 117185.	1.5	18
23	Strategy to modify intrinsic luminescence via post-annealing treatment and impurity doping in $\text{SbNb}_3(\text{PO}_4)_6$. Journal of Alloys and Compounds, 2020, 844, 156195.	2.8	4
24	$\text{Li}_8\text{CaRE}_2\text{Ta}_2\text{O}_{13}$ (RE= $\text{La}^{3+}, \text{Eu}^{3+}, \text{Gd}^{3+}, \text{Dy}^{3+}, \text{Er}^{3+}, \text{Y}^{3+}, \text{Yb}^{3+}$): A highly lithium-stuffed tantalate garnet with versatile luminescence characteristics. Journal of Alloys and Compounds, 2020, 826, 154186.	2.8	6
25	Synthesis, structure, and luminescence of Eu^{3+} -activated $\text{La}_4\text{Ti}_3\text{O}_{12}$ nanoparticles with layered perovskite structure. Journal of the American Ceramic Society, 2019, 102, 1784-1793.	1.9	7
26	Bandgap narrowing of $\text{Bi}_{1-x}\text{Te}_x\text{Mo}_4\text{V}_1\text{O}_{34}$ ($0 \leq x \leq 2.5$) solid-solutions for enhanced optical absorption and photocatalytic activities. Applied Surface Science, 2019, 495, 143640.	3.1	3
27	Preparation and optical properties of $\text{Te}^{4+}/\text{V}^{5+}$ -stabilized Eu^{2+} - Bi_2O_3 for visible light-driven photocatalyst. Materials and Design, 2019, 181, 108066.	3.3	13
28	Substitution-induced band modification and developmental changes of optical properties in $\text{Bi}_6\text{Te}_x\text{Mo}_2\text{V}_x\text{O}_{15}$ ($0 \leq x \leq 1$) solid solutions. Journal Physics D: Applied Physics, 2019, 52, 015101.	1.3	0
29	Anti-Stokes Ultraviolet Luminescence and Exciton Detrapping in the Two-Dimensional Perovskite $(\text{C}_6\text{H}_5\text{C}_2\text{H}_4\text{NH}_3)_2\text{PbCl}_4$. Journal of Physical Chemistry Letters, 2019, 10, 4095-4102.		32
30	Photoenergy Conversion Behaviors of Photoluminescence and Photocatalysis in Silver-Coated $\text{LiBaPO}_4:\text{Eu}^{2+}$. Inorganic Chemistry, 2019, 58, 13161-13169.	1.9	18
31	Hydrothermal growth, electronic structure, optical and photocatalytic properties of LiBiO_2 nanosheets. Journal of Luminescence, 2019, 214, 116523.	1.5	7
32	Energy transfer and luminescence quenching of Cr^{3+} -doped LiGaW_2O_8 . Journal of Alloys and Compounds, 2019, 786, 1051-1059.	2.8	11
33	Comparative study of Mn^{4+} $2\text{Eg}^+4\text{A}_2\text{g}$ luminescence in isostructural A_2CaWO_6 (A=Ca, Sr, Ba) with double perovskite structure. Optical Materials, 2019, 98, 109496.	1.7	13
34	Cs-doped Eu^{2+} - Bi_2O_3 microplates: Hydrothermal synthesis and improved photochemical activities. Applied Surface Science, 2019, 473, 401-408.	3.1	29
35	Hydrothermal synthesis of flower-like Na-doped Eu^{2+} - Bi_2O_3 and improved photocatalytic activity via the induced oxygen vacancies. Journal of the Taiwan Institute of Chemical Engineers, 2019, 96, 353-360.	2.7	28
36	Co-precipitation preparation and photocatalytic performances of $\text{BiNb}_5\text{O}_{14}/\text{Nb}_2\text{O}_5$ heterojunction. Journal of Luminescence, 2019, 207, 149-156.	1.5	10

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37	Synthesis, optical, and magnetic properties of six-layered Aurivillius bismuth ferrititanate. Journal of the American Ceramic Society, 2019, 102, 3555-3566.	1.9	13
38	Color tunable emission from CaS:Cu ⁺ , Mn ²⁺ rare-earth-free phosphors prepared by a simple carbon-thermal reduction method. Journal of Alloys and Compounds, 2019, 779, 399-403.	2.8	14
39	Band structure, photochemical properties and luminescence characteristics of (Ni,F)-doped Bi ₂ O ₃ nanorods via facile hydrothermal synthesis. Journal Physics D: Applied Physics, 2019, 52, 025101.	1.3	9
40	Improved photo-degradation of dyes over Ag-loaded NiTiO ₃ :V nanorods on visible-light-irradiation. Materials Research Bulletin, 2018, 102, 269-276.	2.7	7
41	Optical Thermometry Based on Vibration Sidebands in Y ₂ MgTiO ₆ :Mn ⁴⁺ Double Perovskite. Inorganic Chemistry, 2018, 57, 3073-3081.	1.9	157
42	Bluish-white-light-emitting diodes based on two-dimensional lead halide perovskite (C ₆ H ₅ C ₂ H ₄ NH ₃) ₂ PbCl ₂ Br ₂ . Applied Physics Letters, 2018, 112, .	1.5	50
43	Modified optical properties via induced cation disorder in self-activated NaMg ₂ V ₃ O ₁₀ . Dalton Transactions, 2018, 47, 4368-4376.	1.6	13
44	Improvement of self-activated luminescence from introduced cation disorder in Sr ₆ V ₂ O ₁₁ . Journal of the American Ceramic Society, 2018, 101, 2987-2995.	1.9	11
45	Charge transfer transition and energy transfer in Eu ³⁺ -doped Gd ₁₀ V ₂ O ₂₀ . Journal of Luminescence, 2018, 195, 278-282.	1.5	4
46	Photocatalytic ability of Bi ₆ Ti ₃ WO ₁₈ nanoparticles with a mix-layered Aurivillius structure. Journal of Nanoparticle Research, 2018, 20, 1.	0.8	11
47	Optical performance of the Ba ₅ Al ₃ F ₁₉ :Eu ²⁺ blue phosphors with high thermal stability. Journal of Alloys and Compounds, 2018, 738, 372-378.	2.8	9
48	Preparation, characterization and luminescent properties of red-emitting phosphor: LiLa ₂ NbO ₆ doped with Mn ⁴⁺ ions. Journal of Alloys and Compounds, 2018, 755, 61-66.	2.8	58
49	On the photoluminescence of multi-sites Ce ³⁺ in T-phase orthosilicate and energy transfer from Ce ³⁺ to Tb ³⁺ . Journal of Alloys and Compounds, 2018, 748, 871-875.	2.8	11
50	Luminescence properties of sodalite-type Zn ₄ B ₆ O ₁₃ :Mn ²⁺ . Journal of Luminescence, 2018, 199, 154-159.	1.5	22
51	Hydrothermal synthesis and upconversion luminescence of Y ₂ WO ₆ :Yb ³⁺ /Er ³⁺ crystals. Journal of Alloys and Compounds, 2018, 747, 803-808.	2.8	10
52	Hydrothermal synthesis and optical properties of CsV ₃ O ₈ microplates. Journal of Luminescence, 2018, 194, 414-419.	1.5	4
53	Unusual temperature and excitation energy dependences of impurity-trapped excitons in LiBaF ₃ :Eu ²⁺ crystals. Journal of Luminescence, 2018, 195, 141-152.	1.5	3
54	Excitation power dependent optical temperature behaviors in Mn ⁴⁺ -doped oxyfluoride Na ₂ WO ₂ F ₄ . Physical Chemistry Chemical Physics, 2018, 20, 2028-2035.	1.3	90

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55	A new silver metaniobate semiconductor of $\text{Ag}_0.5\text{La}_0.5\text{Nb}_2\text{O}_6$ with defect-perovskite structure. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 192, 59-66.	2.0	3
56	Optical thermometry in low temperature through manipulating the energy transfer from WO_6^{6+} to Ho^{3+} in $\text{Y}_2\text{WO}_6:\text{Ho}^{3+}$ phosphors. <i>Optical Materials</i> , 2018, 84, 778-785.	1.7	19
57	A red-emitting phosphor of $\text{Li}_5\text{La}_3\text{Ti}_2\text{O}_{12}:\text{Eu}^{3+}$ with garnet-like structure and near-UV/blue light excitation. <i>Journal of Luminescence</i> , 2018, 203, 152-159.	1.5	23
58	Preparation of lanthanide (Eu^{3+} , Tb^{3+})-complex-grafted copolymer of methyl methacrylate and maleic anhydride films and the promising application as LED luminous layers. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 5615-5622.	1.1	12
59	Luminescence properties of Eu^{2+} in silver decacalcium heptakis-orthophosphate $\text{AgCa}_{10}(\text{PO}_4)_7$. <i>Journal of Luminescence</i> , 2017, 185, 120-124.	1.5	2
60	Facile one-step hydrothermal synthesis and luminescence properties of Eu^{3+} -doped $\text{NaGd}(\text{WO}_4)_2$ nanophosphors. <i>Materials Chemistry and Physics</i> , 2017, 193, 227-233.	2.0	16
61	Paratacamite phase stability and improved optical properties of $\text{Cu}_2(\text{OH})_3\text{Cl}$ crystal via Ni-doping. <i>Materials and Design</i> , 2017, 121, 194-201.	3.3	18
62	Influence of Doping and Excitation Powers on Optical Thermometry in Yb^{3+} - Er^{3+} doped CaWO_4 . <i>Scientific Reports</i> , 2017, 7, 43383.	1.6	101
63	Temperature dependent of luminescence and decay behavior of Eu^{2+} in NASICON-type phosphate $\text{CaZr}_4(\text{PO}_4)_6$. <i>Materials Research Bulletin</i> , 2017, 93, 245-250.	2.7	12
64	Improved photochemical properties of Aurivillius $\text{Bi}_5\text{Ti}_3\text{FeO}_{15}$ with partial substitution of Ti^{4+} with Fe^{3+} . <i>Ceramics International</i> , 2017, 43, 12372-12380.	2.3	26
65	Preparation and photochemical properties of ferrotitanate $\text{NaFeTi}_3\text{O}_8$ nanoparticles. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 76, 126-131.	2.7	2
66	Perovskite semiconductor $\text{La}(\text{Ni}_{0.75}\text{W}_{0.25})\text{O}_3$ nanoparticles for visible-light-absorbing photocatalytic material. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	7
67	Sol-gel preparation, band structure, and photochemical activities of double perovskite A_2NiWO_6 (A) $\text{TjEtQq}_{1.1}\text{O}_{0.7843}\text{rgBT}_{16}$. <i>Journal of Luminescence</i> , 2017, 192, 616-619.	2.7	16
68	A silver fluoniobate semiconductor with high photo-oxidization abilities and photocatalytic activities. <i>Chemical Physics Letters</i> , 2017, 688, 74-78.	1.2	1
69	Synthesis, structure and optical performance of red-emitting phosphor $\text{Ba}_5\text{AlF}_{13}:\text{Mn}^{4+}$. <i>RSC Advances</i> , 2017, 7, 49473-49479.	1.7	21
70	Luminescence, energy transfer and optical thermometry of a novel narrow red emitting phosphor: $\text{Cs}_2\text{WO}_2\text{F}_4:\text{Mn}^{4+}$. <i>Dalton Transactions</i> , 2017, 46, 14331-14340.	1.6	83
71	Unusual luminescence and temperature dependent decay behavior of divalent europium ion in KBaBP_2O_8 . <i>Journal of Luminescence</i> , 2017, 192, 616-619.	1.5	3
72	Photochemical and magnetic activities of FeTiO_3 nanoparticles by electro-spinning synthesis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 78, 431-437.	2.7	28

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73	A novel optical thermometry based on the energy transfer from charge transfer band to Eu ³⁺ -Dy ³⁺ ions. <i>Scientific Reports</i> , 2017, 7, 6023.	1.6	27
74	A silver niobate photocatalyst AgNb ₇ O ₁₈ with perovskite-like structure. <i>Journal of Alloys and Compounds</i> , 2017, 724, 381-388.	2.8	14
75	A new silver niobate photocatalyst AgNb ₁₃ O ₃₃ : Synthesis, structure and photochemical properties. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 78, 530-538.	2.7	12
76	Surface reactivity and hydroxyapatite formation on Ca ₅ MgSi ₃ O ₁₂ ceramics in simulated body fluid. <i>Applied Surface Science</i> , 2017, 423, 900-908.	3.1	6
77	Controlled synthesis, multicolor luminescence, and optical thermometer of bifunctional NaYbF ₄ :Nd ³⁺ @NaYF ₄ :Yb ³⁺ active-core/active-shell colloidal nanoparticles. <i>Journal of Alloys and Compounds</i> , 2017, 691, 530-536.	2.8	47
78	Improved scintillation luminescence and thermal stability of In ₂ Si ₂ O ₇ ceramic phosphor. <i>Journal of Luminescence</i> , 2017, 183, 166-172.	1.5	5
79	Energy transfer and luminescence properties of Dy ³⁺ ions doped in La ₂ W ₃ O ₁₂ lattices. <i>Journal of the Korean Physical Society</i> , 2016, 69, 1575-1580.	0.3	5
80	Hydrothermal synthesis, characterization, and luminescence of Ca ₂ B ₂ O ₅ :RE (RE = Eu ³⁺ , Tb ³⁺ , Dy ³⁺) nanofibers. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	14
81	Development of YK ₃ B ₆ O ₁₂ :RE (RE = Eu ³⁺ , Tb ³⁺ , Ce ³⁺) tricolor phosphors under near-UV light excitation. <i>Journal of Alloys and Compounds</i> , 2016, 684, 40-46.	2.8	31
82	Luminescence properties of Eu ²⁺ in T _h phase Ba _{1.3} Ca _{0.7} SiO ₄ lattice from multiple crystallographic sites at different temperatures. <i>Materials Chemistry and Physics</i> , 2016, 177, 538-542.	2.0	9
83	Layered oxide semiconductor In ₂ Fe ₂ CuO ₇ : Optical properties and visible-light responsive photocatalytic abilities. <i>Materials Letters</i> , 2016, 179, 175-178.	1.3	9
84	Tunable White Fluorescent Copper Gallium Sulfide Quantum Dots Enabled by Mn Doping. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12291-12297.	4.0	57
85	Synthesis, surface properties and photocatalytic abilities of semiconductor In ₂ Cu ₂ O ₅ nanoparticles. <i>Applied Surface Science</i> , 2016, 389, 639-644.	3.1	5
86	Ilmenite-type semiconductor Ni ₃ TeO ₆ : Preparation, optical property and photo-degradation ability. <i>Materials Letters</i> , 2016, 184, 1-4.	1.3	11
87	Synthesis, surface and optical properties of Ag ₂ Zn ₄ O ₁₂ nanoparticles for efficient dye removal under visible-light irradiation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 66, 400-406.	2.7	6
88	On Structure, Optical Properties and Photodegraded Ability of Aurivillius-type Bi ₃ TiNbO ₉ Nanoparticles. <i>Journal of the American Ceramic Society</i> , 2016, 99, 3964-3972.	1.9	28
89	Enhanced Visible Light-Driven Photocatalysis by Eu ³⁺ -Doping in BaNb ₂ V ₂ O ₁₁ with Layered Mixed-Anion Structure. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12989-12998.	1.5	16
90	Synthesis, surface and optical properties of Ag ₂ CaV ₄ O ₁₂ nanoparticles for dye removal under visible irradiation. <i>Materials Chemistry and Physics</i> , 2016, 180, 263-271.	2.0	7

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91	Luminescence and application of red-emitting phosphors of Eu ³⁺ -activated R ₂ Zr ₃ (MoO ₄) ₉ (R = La, Sm, Tj) ETQq1	1.0	14
92	Synthesis, surface and optical properties of Ag ₂ Cu(VO ₃) ₄ and Cu(VO ₃) ₂ vanadates. Applied Surface Science, 2016, 368, 63-68.	3.1	4
93	A study of luminescence from Eu ³⁺ , Ce ³⁺ , Tb ³⁺ and Ce ³⁺ /Tb ³⁺ in new potassium gadolinium phosphate K ₃ Gd ₅ (PO ₄) ₆ . Journal of Alloys and Compounds, 2016, 671, 150-156.	2.8	14
94	Efficient blue luminescence of Mg ₃ (BO ₃) ₃ :Eu ²⁺ phosphor with peculiar 4f ₆ d ₁ →4f ₇ (8S _{7/2}) transition. Materials Letters, 2016, 172, 23-26.	1.3	9
95	Thermal quenching and luminescence decay in self-activated La ₂ W ₃ O ₁₂ . Journal of the Korean Physical Society, 2016, 68, 443-447.	0.3	6
96	Hydrothermal synthesize and photocatalytic ability of a new silver vanadate semiconductor K _{2/5} Ag _{3/5} VO ₃ with stable 1±AgVO ₃ structure. Materials Letters, 2016, 164, 337-340.	1.3	2
97	Preparation, characterization and high quantum efficiency of yellow-emitting CsVO ₃ nanofibers. Journal of Alloys and Compounds, 2016, 656, 843-848.	2.8	17
98	Structural characteristics and photocatalytic ability of vanadate-sillenite Bi ₂₅ VO ₄₀ nanoparticles. Powder Technology, 2016, 287, 277-284.	2.1	13
99	Preparation, surface characteristic and photoactive activities of Ni ₂ FeV ₃ O ₁₁ semiconductor nanoparticles. Materials Letters, 2016, 163, 146-149.	1.3	4
100	A Visible-Light-Driven Photocatalyst of NASICON Li ₂ Ni ₂ (MoO ₄) ₃ Nanoparticles. Journal of the American Ceramic Society, 2015, 98, 2165-2169.	1.9	9
101	Effect of temperature on the luminescence and decay behavior of divalent europium in lithium barium borate. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 2922-2927.	0.8	3
102	Visible-Light-Induced Degradation of Methylene Blue by SrBi ₃ VO ₈ Nanoparticles. Journal of the American Ceramic Society, 2015, 98, 2528-2533.	1.9	23
103	Photoluminescence Properties of Heavily Eu ³⁺ -Doped BaCa ₂ In ₆ O ₁₂ Phosphor for White-Light-Emitting Diodes. Journal of the American Ceramic Society, 2015, 98, 1567-1573.	1.9	29
104	In situ hydroxyapatite nanofiber growth on calcium borate silicate ceramics in SBF and its structural characteristics. Materials Science and Engineering C, 2015, 55, 126-130.	3.8	10
105	3D lanthanide metal-organic frameworks constructed from lanthanide formate skeletons and 3,5-bis(4-carboxy-phenyl)-1,2,4-triazole connectors: synthesis, structure and luminescence. RSC Advances, 2015, 5, 106107-106112.	1.7	8
106	A visible-light-driven photocatalytic activity of vanadate garnet AgCa ₂ Ni ₂ V ₃ O ₁₂ nanoparticles. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	2
107	Analysis of Energy Transfer and Concentration Quenching in Sm ³⁺ -Activated Borate Gd ₃ B ₃ O ₆ Phosphors by Means of Fluorescence Dynamics. Spectroscopy Letters, 2015, 48, 27-31.	0.5	11
108	A Novel Blue-Emitting Phosphor of Eu ²⁺ -Activated Magnesium Haloborate Mg ₃ B ₇ O ₁₃ Cl. Journal of the American Ceramic Society, 2015, 98, 594-600.	1.9	8

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109	Combustion Synthesis of BiOCl with Tunable Percentage of Exposed {001} Facets and Enhanced Photocatalytic Properties. <i>Journal of the American Ceramic Society</i> , 2015, 98, 1515-1519.	1.9	52
110	Layer structured Na ₂ Ni(MoO ₄) ₂ particles as a visible-light-driven photocatalyst for degradation of methylene blue. <i>Applied Surface Science</i> , 2015, 331, 72-78.	3.1	17
111	On structure and methylene blue degradation activity of an Aurivillius-type photocatalyst of Bi ₄ V ₂ O ₁₁ nanoparticles. <i>Applied Surface Science</i> , 2015, 347, 719-726.	3.1	38
112	A bioactive Ca ₂ SiB ₂ O ₇ ceramics and in vitro hydroxyapatite mineralization ability in SBF. <i>Ceramics International</i> , 2015, 41, 12011-12019.	2.3	13
113	Optical properties and visible light-driven photocatalytic activity of Bi ₁₁ VO ₁₉ nanoparticles with $\bar{1}$ -Bi ₂ O ₃ -structure. <i>Journal of Alloys and Compounds</i> , 2015, 640, 226-232.	2.8	17
114	A new fluorosilicoborate host for the development of Eu ³⁺ -activated red-emitting phosphors. <i>Materials Letters</i> , 2015, 156, 86-89.	1.3	19
115	Optical properties and visible-light-driven photocatalytic activity of Bi ₈ V ₂ O ₁₇ nanoparticles. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	6
116	Thermal and optical properties of Tb(III), Eu(III) and Tb(III)/Eu(III) co-complexed silicone fluorinated acrylate copolymer. <i>Optical Materials</i> , 2015, 45, 161-166.	1.7	7
117	Thermal stability and spectroscopic properties of Ho ³⁺ doped tellurite-borate glasses. <i>Journal of Rare Earths</i> , 2015, 33, 939-945.	2.5	27
118	Luminescence and decay behavior of divalent europium activated barium borophosphate polycrystalline ceramics in the temperature regime 10 ² -525K. <i>Ceramics International</i> , 2015, 41, 11726-11732.	2.3	3
119	Na ₄ La ₂ ~ ₂ Tb ₂ (CO ₃) ₅ nanophosphors: Hydrothermal synthesis and photoluminescence properties. <i>Journal of Luminescence</i> , 2015, 168, 293-296.	1.5	3
120	Intrinsic [VO ₄] ³⁻ emission of cesium vanadate Cs ₅ V ₃ O ₁₀ . <i>RSC Advances</i> , 2015, 5, 73467-73473.	1.7	16
121	Facile preparation of hydroxyapatite nanofibers from mineralization of CaAlB ₃ O ₇ powders in K ₂ HPO ₄ solutions. <i>Materials Letters</i> , 2015, 161, 459-463.	1.3	2
122	Surface properties, simultaneous photocatalytic and magnetic activities of Ni ₂ FeVO ₆ nanoparticles. <i>Applied Surface Science</i> , 2015, 359, 259-265.	3.1	5
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