Thomas JÃ¼stel

List of Publications by Year
in descending order

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197 papers	8,240 citations	87888 38 h-index	51608 86 g-index
220 all docs	220 docs citations	220 times ranked	5860 citing authors

#	Article	IF	Citations
1	Carbodiimide Bridged Network Structure of [RE6O(NCN)6] Clusters in the Structure of RE8O(CN2)10Br2, REâ€‰=â€‰La, Ce, Pr, Nd. Journal of Cluster Science, 2023, 34, 1001-1008.	3.3	3
2	On the investigation of the energy transfer in Ca9Lu(PO4)7:Eu2+,Mn2+,Nd3+. Journal of Luminescence, 2022, 243, 118666.	3.1	3
3	UV emitting nanoparticles enhance the effect of ionizing radiation in 3D lung cancer spheroids. International Journal of Radiation Biology, 2022, 98, 1484-1494.	1.8	1
4	On the Tb3+ â†' Eu3+ energy transfer in KTb1-x(WO4)2: xEu3+ (x = 0â€“1). Journal of Luminescence, 2022, 244, 118754.	3.1	4
5	On the time and temperature dependent photoluminescence of Nd3+ and Gd3+ doped Lu3Al5O12. Journal of Luminescence, 2022, 246, 118830.	3.1	1
6	On the concentration dependence of the up-conversion process of Pr. Australian Journal of Chemistry, 2022, 75, 760-771.	0.9	2
7	Phenanthroline chromophore as efficient antenna for Tb3+ green luminescence: A theoretical study. Dyes and Pigments, 2021, 185, 108890.	3.7	18
8	On the Crystal Structure and Temperature Dependent Spectroscopy of the UV-C Emitting Phosphor Sr3(BO3)2:Pr3+,Na+. Journal of Luminescence, 2021, 230, 117765.	3.1	3
9	On the crystal structure and optical spectroscopy of rare earth comprising quaternary tungstates Li₃Ba₂RE₃(WO₄)₈ (RE = Laâ€“Nd, Smâ€“Ho). Dalton Transactions, 2021, 50, 9225-9235.	3.3	5
10	Moths are strongly attracted to ultraviolet and blue radiation. Insect Conservation and Diversity, 2021, 14, 188-198.	3.0	25
11	Optimization of the Synthesis and Energy Transfer of Ca2MgWO6:Cr3+,Nd3+. Inorganics, 2021, 9, 23.	2.7	4
12	A Novel Synthesis Pathway Towards Rare Earth Fluorides by Using Liquid and Solid State Hexafluorophosphate Salts. Journal of the Electrochemical Society, 2021, 168, 036502.	2.9	4
13	On the photoluminescence and energy transfer of SrGa12O19:Cr3+,Nd3+ microscale NIR phosphors. Journal of Materials Research and Technology, 2021, 11, 785-791.	5.8	11
14	Crystal structure, Magnetic and Photoluminescence Properties of GdW 6 Cl 15 , TbW 6 Cl 15 , and EuW 6 Cl 14. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1392-1396.	1.2	1
15	Watt-level europium laser at 703â€‰â€‰nm. Optics Letters, 2021, 46, 2702.	3.3	14
16	Hydrothermal Synthesis, Crystal Structure, and Spectroscopic Properties of Pure and Eu3+-Doped NaY[SO4]2 âˆ™ H2O and Its Anhydrate NaY[SO4]2. Crystals, 2021, 11, 575.	2.2	7
17	Solidâ€State Synthesis of (Ph₄P)MI₃ (M=Eu²⁺, Sr²⁺,) Tj ETQq1 1 0.784314 rgBT / European Journal of Inorganic Chemistry, 2021, 2021, 1846-1851.	2.0	1
18	Luminescence and up-conversion of single crystalline Lu3Al5O12:Pr3+. Journal of Luminescence, 2021, 234, 117987.	3.1	12

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19	Characterization of GAGG Doped with Extremely Low Levels of Chromium and Exhibiting Exceptional Intensity of Emission in NIR Region. Crystals, 2021, 11, 673.	2.2	7
20	X-ray and VUV excitation studies on Pr3+ activated Li2CaSiO4. Journal of Luminescence, 2021, 235, 118046.	3.1	1
21	On the time and temperature dependent photoluminescence of Pr3+ and Gd3+ doped Lu3Al5O12. Journal of Luminescence, 2021, 236, 118112.	3.1	2
22	First report of energy transfer from uranyl to Mn4+ in K3(UO2)F5:Mn4+. Journal of Luminescence, 2021, 237, 118085.	3.1	3
23	On the use of luminescent single crystals as optical reference materials. Journal of Luminescence, 2021, 238, 118289.	3.1	1
24	Temperature dependent luminescence of Pr3+ doped NaCaPO4. Journal of Luminescence, 2021, 238, 118307.	3.1	4
25	On the energy transfer from Pr3+ to Gd3+ in nanosized LuPO4 particles. Journal of Luminescence, 2021, 240, 118418.	3.1	1
26	Effect of Ga3+ doping on the luminescence and up-conversion of Pr3+ activated (Lu,Y)3Al5O12. Optical Materials: X, 2021, 12, 100117.	0.8	1
27	Structure, polymorphism and luminescence of cyanate iodides MI(OCN) (M = Ba, Eu, and Sr). Dalton Transactions, 2020, 49, 14133-14139.	3.3	1
28	Temperature and time-dependent luminescence of single crystals of KTb3F10. Journal of Luminescence, 2020, 227, 117523.	3.1	5
29	Energy transfer in supramolecular [Crypt-RE]-[W₆I₁₄] solids. Dalton Transactions, 2020, 49, 9795-9803.	3.3	2
30	Novel Radiation Device for Application in the UV-A and UV-B Range. ECS Journal of Solid State Science and Technology, 2020, 9, 065012.	1.8	3
31	Luminescence and luminescence quenching of K₂Bi(PO₄)(MoO₄):Sm³⁺ phosphors for horticultural and general lighting applications. Materials Advances, 2020, 1, 1427-1438.	5.4	8
32	Particle Size of Xâ€ray Pumped UVCâ€Emitting Nanoparticles Defines Intracellular Localization and Biological Activity Against Cancer Cells. Particle and Particle Systems Characterization, 2020, 37, 2000201.	2.3	1
33	Synthesis, Crystal Structure, and Luminescence of Metal Iodide Cluster Compounds (n Bu 4 N) 2 [M 6 I 8 (NCO) 6] with M = Mo, W. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1650-1654.	1.2	3
34	Synthesis and characterization of Sr3(PO4)2:Pr3+,Si4+. Journal of Luminescence, 2020, 225, 117376.	3.1	4
35	Photodynamic properties of tungsten iodide clusters incorporated into silicone: A2[M6I8L6]@silicone. RSC Advances, 2020, 10, 22257-22263.	3.6	14
36	Effective Sensitization of Eu3+ with Ce3+ by suppression of metal-to-metal charge transfer in composite structured TbF3 fluoride particles. Journal of Luminescence, 2020, 223, 117232.	3.1	5

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37	Seawater activated TiO2 photocatalyst for degradation of organic compounds. Sustainable Chemistry and Pharmacy, 2020, 16, 100251.	3.3	6
38	Solidâ€State Preparation and Luminescence Investigation of Rare Earth Iodide Carbodiimide Nitrides RE₂I(CN₂)N (RE = La, Gd) and LaI(CN₂). European Journal of Inorganic Chemistry, 2020, 2020, 3954-3958.	2.0	5
39	Modelling and Experimental Investigation of Luminous Coupling in UVLED Driven Optical Fiber Reactors. Journal of Photocatalysis, 2020, 1, 50-60.	0.4	1
40	Temperature and time dependent photoluminescence of single crystalline KEu(WO4)2. Journal of Luminescence, 2019, 215, 116653.	3.1	9
41	Characterization of Microâ€and Nanoscale LuPO₄:Pr³⁺,Nd³⁺ with Strong UVâ€C Emission to Reduce Xâ€Ray Doses in Radiation Therapy. Particle and Particle Systems Characterization, 2019, 36, 1900280.	2.3	16
42	Solidâ€State Phosphorescence of A 2 [W 6 I 14] with A = PPN, PPh 4. European Journal of Inorganic Chemistry, 2019, 2019, 4014-4019.	2.0	8
43	Synthesis, structure and properties of a calcium oxonitridosilicate phosphor showing green or red luminescence upon doping with Eu²⁺ or Ce³⁺. Dalton Transactions, 2019, 48, 14069-14076.	3.3	5
44	On the temperature and time dependent photoluminescence of Lu3Al5O12:Gd3+. Journal of Luminescence, 2019, 216, 116729.	3.1	5
45	On the sensitization of Eu³⁺ with Ce³⁺ and Tb³⁺ by composite structured Ca₂LuHf₂Al₃O₁₂ garnet phosphors for blue LED excitation. Dalton Transactions, 2019, 48, 315-323.	3.3	20
46	(INVITED) Eu3+ activated molybdates â€“ Structure property relations. Optical Materials: X, 2019, 1, 100015.	0.8	13
47	On a blue emitting phosphor Na₃RbMg₇(PO₄)₆:Eu²⁺ showing ultra high thermal stability. Journal of Materials Chemistry C, 2019, 7, 6012-6021.	5.5	34
48	Red-emitting K₃HF₂WO₂F₄:Mn⁴⁺ for application in warm-white phosphor-converted LEDs â€“ optical properties and magnetic resonance characterization. Dalton Transactions, 2019, 48, 5361-5371.	3.3	30
49	High-Pressure Synthesis, Crystal Structure, and Photoluminescence Properties of Î²-Y2B4O9:Eu3+. Inorganics, 2019, 7, 136.	2.7	0
50	UVC-Emitting LuPO4:Pr3+ Nanoparticles Decrease Radiation Resistance of Hypoxic Cancer Cells. Radiation Research, 2019, 193, 82.	1.5	7
51	Flicker Reduction of AC LEDs by Mn²⁺Doped Apatite Phosphor. ECS Journal of Solid State Science and Technology, 2018, 7, R21-R26.	1.8	8
52	Temperature dependent optical properties of red emitting Na₃GaF₆:Mn⁴⁺as a color converter for warm white LEDs. Zeitschrift Fur Kristallographie - Crystalline Materials, 2018, 233, 489-499.	0.8	6
53	Na3GaF6 â€“ A crystal chemical and solid state NMR spectroscopic study. Zeitschrift Fur Kristallographie - Crystalline Materials, 2018, 233, 479-487.	0.8	2
54	Photoluminescence and energy transfer behavior of narrow band red light emitting Li₃Ba₂Tb₃(MoO₄)₈:Eu³⁺. Dalton Transactions, 2018, 47, 1520-1529.	3.3	31

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55	Uranyl sensitized Eu3+ luminescence in Ln(UO2)3(PO4)2O(OH)Â·6H2O phosphors (Ln = Y, Eu, La) for warm-white light emitting diodes. Journal of Luminescence, 2018, 196, 431-436.	3.1	8
56	Fabrication and characterization of UV-emitting nanoparticles as novel radiation sensitizers targeting hypoxic tumor cells. Optical Materials, 2018, 80, 197-202.	3.6	17
57	On the photoluminescence of InBO3 and TbBO3 doped by Eu3+ and Ce3+. Materials Research Bulletin, 2018, 104, 27-37.	5.2	5
58	An UV-C/B emitting Xe excimer discharge lamp comprising BaZrSi3O9 â€“ A lamp performance and phosphor degradation analysis. Journal of Luminescence, 2018, 200, 1-8.	3.1	8
59	UV C luminescence of a modified zirconium silicate framework upon cathode ray and VUV excitation. Journal of Luminescence, 2018, 198, 410-417.	3.1	3
60	Measurement Approach for Monitoring Time-Dependent Intensity Variations of Commercial Light Sources. ECS Journal of Solid State Science and Technology, 2018, 7, R3148-R3157.	1.8	5
61	The effect of X-ray exposure on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml3" display="inline" overflow="scroll" altimg="si3.gif"><mml:msub><mml:mrow><mml:mi mathvariant="normal">Ba</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">SiO</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:math>:<m xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml4" display="inline" overflow="scroll" alti. Optics Communications, 2018, 410, 617-622.	2.1	6
62	Colloidal LaPO₄:Gd³⁺ nanocrystals: X-ray induced single line UV emission. Nanoscale, 2018, 10, 22533-22540.	5.6	10
63	On the Photo- and Cathodoluminescence of LaB₃O₆:Gd,Bi, Y₃Al₅O₁₂:Pr, Y₃Al₅O₁₂:Gd, Lu₃Al₅O₁₂:Pr, and Lu₃Al₅O₁₂:Gd. ECS Journal of Solid State Science and Technology, 2018, 7, R206-R214.	1.8	8
64	Gd3Li3Te2O12:U6+,Eu3+: A Tunable Red Emitting Garnet Showing Efficient U6+ to Eu3+ Energy Transfer at Room Temperature. Inorganics, 2018, 6, 84.	2.7	3
65	Deep Ultraviolet Emitting Scintillators for Biomedical Applications: The Hard Way of Downsizing LuPO₄:Pr³⁺. Particle and Particle Systems Characterization, 2018, 35, 1800282.	2.3	15
66	Influence of Ga³⁺Substitution on the Spectroscopic Properties of Ce³⁺Doped Tb₃(Al,Ga)₅O₁₂Garnet Phosphors. ECS Journal of Solid State Science and Technology, 2018, 7, R142-R148.	1.8	4
67	Temperature dependent photoluminescence of Cr3+ doped Sr8MgLa(PO4)7. Optical Materials, 2018, 85, 341-348.	3.6	78
68	Properties Design: Prediction and Experimental Validation of the Luminescence Properties of a New Eu^{II}â€Based Phosphor. Chemistry - A European Journal, 2018, 24, 16276-16281.	3.3	11
69	Old and New Insights into Structure and Properties of Eu₂[SiO₄]. Crystal Growth and Design, 2018, 18, 6316-6325.	3.0	5
70	A detailed aging analysis of MPO4:X (M = Y3+, La3+, Lu3+; Xâ€¯=â€¯Bi3+, Pr3+, Gd3+) due to the Xe excimer discharge. Journal of Luminescence, 2018, 202, 450-460.	3.1	3
71	Temperature dependent Cr3+ photoluminescence in garnets of the type X3Sc2Ga3O12 (Xâ€¯=â€¯Lu, Y, Gd, La). Journal of Luminescence, 2018, 202, 523-531.	3.1	190
72	Suppression of metal-to-metal charge transfer quenching in Ce3+ and Eu3+ comprising garnets by core-shell structure. Journal of Luminescence, 2018, 203, 467-472.	3.1	11

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73	Communicationâ€"Optical Properties of Red Emitting HK3SnF8:Mn4+as a Color Converter for Next Generation WarmÂWhite LEDs. ECS Journal of Solid State Science and Technology, 2018, 7, R111-R113.	1.8	9
74	Warm-white LED with ultra high luminous efficacy due to sensitisation of Eu³⁺photoluminescence by the uranyl moiety in K₄(UO₂)Eu₂(Ge₂O₇)₂. Journal of Materials Chemistry C, 2018, 6, 6966-6974.	5.5	17
75	Luminescence properties of silicate apatite phosphors M2La8Si6O26:Eu (M = Mg, Ca, Sr). Journal of Luminescence, 2017, 191, 51-55.	3.1	30
76	Site selective, time and temperature dependent spectroscopy of Eu3+ doped apatites (Mg,Ca,Sr)2Y8Si6O26. Journal of Luminescence, 2017, 186, 205-211.	3.1	18
77	On the influence of calcium substitution to the optical properties of Cr3+ doped SrSc2O4. Journal of Luminescence, 2017, 190, 234-241.	3.1	93
78	Mixed europium valence in Eu0.937Ba8[BN2]6 â€" Structure and spectroscopic behavior. Solid State Sciences, 2017, 70, 86-92.	3.2	0
79	The optical properties of Sr 3 SiAl 10 O 20 and Sr 3 SiAl 10 O 20 :Mn 4+. Journal of Physics and Chemistry of Solids, 2017, 110, 180-186.	4.0	19
80	Novel red-emitting nitridoborates - SrBa 8 [BN 2] 6 :Ln 2+/3+ (Ln=Pr 3+ , Eu 2+). Journal of Luminescence, 2017, 187, 513-520.	3.1	3
81	Synthesis, Luminescence and Nonlinear Optical Properties of Homoleptic Tetracyanamidogermanates ARE[Ge(CN₂)₄] (A = K, Cs, and RE = La, Ce, Pr, Nd, Sm, Eu,) Tj ETQq1 1 0.784314 rgBT	1.2	8
82	Crystal Structure and Luminescence Properties of the First Hydride Oxide Chloride with Divalent Europium: LiEu₂HOCl₂. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1525-1530.	1.2	19
83	Preparation and Luminescence of Cluster Compounds [W6Br8L6]2-with L = CF3COO and C7H7SO3. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1451-1455.	1.2	5
84	Luminescence and luminescence quenching of efficient GdB5O9:Eu3+ red phosphors. Journal of Luminescence, 2017, 192, 520-526.	3.1	17
85	Red emitting K2NbF7:Mn4+ and K2TaF7:Mn4+ for warm-white LED applications. Journal of Luminescence, 2017, 192, 644-652.	3.1	87
86	Ligand Influence on the Photophysical Properties and Electronic Structures of Tungsten Iodide Clusters. European Journal of Inorganic Chemistry, 2017, 2017, 5387-5394.	2.0	16
87	The influence of Na2CO3 flux on photoluminescence properties of SrSi2O2N2:Eu2+ phosphor. Ceramics International, 2017, 43, 12381-12387.	4.8	10
88	On the synthesis, phase optimisation and luminescence of some rare earth pyrosilicates. Journal of Luminescence, 2017, 190, 451-456.	3.1	3
89	From metals to nitrides - Syntheses and reaction details of binary rare earth systems. Journal of Alloys and Compounds, 2017, 693, 291-302.	5.5	15
90	Luminescence Quenching of Ligandâ€Substituted Molybdenum and Tungsten Halide Clusters by Oxygen and Their Oxidation Electrochemistry. European Journal of Inorganic Chemistry, 2017, 2017, 4259-4266.	2.0	15

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91	On the Luminescence of (Ba0.5Sr0.5)2SiO4:Eu3+ upon X-ray Exposure. , 2017, , .		0
92	Defect-Related Luminescence in ÂNitridoborate Nitride, Mg3Ga(BN2)N2. European Journal of Inorganic Chemistry, 2016, 2016, 861-866.	2.0	11
93	Molecular Oxygen Modulated Luminescence of an Octahedroâ€hexamolybdenum Iodide Cluster having Six Apical Thiocyanate Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 403-408.	1.2	20
94	On the Photoluminescence Linearity of Eu²⁺Based LED Phosphors upon High Excitation Density. ECS Journal of Solid State Science and Technology, 2016, 5, R91-R97.	1.8	21
95	Photochemically induced deposition of protective alumina coatings onto UV emitting phosphors for Xe excimer discharge lamps. Materials Research Bulletin, 2016, 80, 249-255.	5.2	8
96	Dependence of the optical properties of Mn 4+ activated A 2 Ge 4 O 9 (A=K,Rb) on temperature and chemical environment. Journal of Luminescence, 2016, 177, 354-360.	3.1	45
97	A ligand substituted tungsten iodide cluster: luminescence vs. singlet oxygen production. Dalton Transactions, 2016, 45, 15500-15506.	3.3	37
98	Superstructure formation in SrBa₈[BN₂]₆and EuBa₈[BN₂]₆. Dalton Transactions, 2016, 45, 12078-12086.	3.3	12
99	Eu₂(CN₂)₃ and KEu[Si(CN₂)₄]: Missing Members of the Rare Earth Metal Carbodiimide and Tetracyanamidosilicate Series. European Journal of Inorganic Chemistry, 2016, 2016, 4011-4016.	2.0	9
100	Characterization of Ax[W6I14] as Key Compounds for Ligand-Substituted A2[W6I8L6] Clusters. European Journal of Inorganic Chemistry, 2016, 2016, 5063-5067.	2.0	17
101	Europiumâ€“enabled luminescent single crystal and bulk YAG and YGG for optical imaging. Optical Materials, 2016, 60, 467-473.	3.6	23
102	(W₆I₈)Cl₄- A Basic Model Compound for Photophysically Active [(W₆I₈)L₆]²⁻Clusters?. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 1435-1438.	1.2	5
103	Photochemical synthesis of CeO₂ nanoscale particles using sodium azide as a photoactive material: effects of the annealing temperature and polyvinylpyrrolidone addition. RSC Advances, 2016, 6, 107065-107074.	3.6	4
104	Room temperature red emitting carbodiimide compound Ca(CN2):Mn2+. Optical Materials, 2016, 59, 126-129.	3.6	14
105	Photoluminescence and afterglow of deep red emitting SrSc₂O₄:Eu²⁺. RSC Advances, 2016, 6, 8483-8488.	3.6	18
106	Temperature dependent luminescence Cr3+-doped GdAl3(BO3)4 and YAl3(BO3)4. Journal of Luminescence, 2016, 171, 246-253.	3.1	97
107	New NIR emitting phosphor for blue LEDs with stable light output up to 180 Â°C. Journal of Luminescence, 2016, 172, 185-190.	3.1	36
108	Photoluminescence of Pr 3+ -doped calcium and strontium stannates. Journal of Luminescence, 2016, 172, 323-330.	3.1	35

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109	Synthesis, Structure, and Luminescence of Rare Earth Cyanurates. European Journal of Inorganic Chemistry, 2015, 2015, 134-140.	2.0	7
110	Luminescence Matching with the Sensitivity Curve of the Human Eye: Optical Ceramics Mg8-xMx(BN2)2N4with M = Al (x= 2) and M = Si (x= 1). European Journal of Inorganic Chemistry, 2015, 2015, 1716-1725.	2.0	14
111	Cellular uptake and biocompatibility of bismuth ferrite harmonic advanced nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 815-824.	3.3	33
112	Photoluminescence and energy transfer rates and efficiencies in Eu³⁺activated Tb₂Mo₃O₁₂. Journal of Materials Chemistry C, 2015, 3, 2054-2064.	5.5	127
113	Synthesis and Photoluminescence Properties of the Redâ€Emitting Phosphor Mg₃(BN₂)N Doped with Eu²⁺. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 803-808.	1.2	13
114	The Orthoperiodates of Calcium, Strontium, and Barium. European Journal of Inorganic Chemistry, 2015, 2015, 977-981.	2.0	7
115	KYW2O8:Eu3+ â€“ A closer look on its photoluminescence and structure. Journal of Luminescence, 2015, 159, 251-257.	3.1	14
116	The crystal structure and luminescence quenching of poly- and single-crystalline KYW2O8:Tb3+. Journal of Luminescence, 2015, 166, 289-294.	3.1	15
117	On the energy transfer in (Y,Gd)Al3(BO3)4:Ln3+ (Ln = Tb3+, Dy3+). Optical Materials, 2015, 46, 16-21.	3.6	4
118	Eu²⁺luminescence in strontium aluminates. Physical Chemistry Chemical Physics, 2015, 17, 15236-15249.	2.8	147
119	Energy transfer and unusual decay behaviour of BaCa₂Si₃O₉:Eu²⁺,Mn²⁺ phosphor. Dalton Transactions, 2015, 44, 10368-10376.	3.3	32
120	Luminescence and energy transfer of co-doped Sr₅MgLa₂(BO₃)₆:Ce³⁺,Mn²⁺. RSC Advances, 2015, 5, 67979-67987.	3.6	18
121	New Red-Emitting Phosphor La2Zr3(MoO4)9:Eu3+ and the Influence of Host Absorption on its Luminescence Efficiency. Australian Journal of Chemistry, 2015, 68, 1727.	0.9	21
122	Photon cascade emission in Pr3+ doped fluorides with CaF2 structure: Application of a model for its prediction. Chemical Physics Letters, 2015, 620, 29-34.	2.6	11
123	Structural and luminescence studies of the new nitridomagnesoaluminate CaMg₂AlN₃. Dalton Transactions, 2015, 44, 2819-2826.	3.3	10
124	Determination of vis and NIR quantum yields of Nd3+-activated garnets sensitized by Ce3+. Journal of Luminescence, 2015, 158, 365-370.	3.1	31
125	Synthesis of new structurally related cyanamide compounds LiM(CN2)2 where M is Al3+, In3+ or Yb3+. Materials Research Bulletin, 2015, 62, 37-41.	5.2	20
126	Nonlinear optical and magnetic properties of BiFeO3 harmonic nanoparticles. Journal of Applied Physics, 2014, 116, .	2.5	32

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127	Synthesis and Optical Properties of Li3Ba2La3(MoO4)8:Sm3+ Powders for pcLEDs. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 183-192.	0.7	20
128	On the efficient luminescence of Î²-Na(La1â^'Pr)F4. Journal of Luminescence, 2014, 146, 302-306.	3.1	14
129	Anomalous Trapped Exciton and dâ€“f Emission in Sr4Al14O25:Eu2+. Journal of Physical Chemistry A, 2014, 118, 1617-1621.	2.5	30
130	Dependence of the 5D0â†'7F4 transitions of Eu3+ on the local environment in phosphates and garnets. Journal of Luminescence, 2014, 147, 290-294.	3.1	71
131	Luminescence properties of Sm3+-doped alkaline earth ortho-stannates. Optical Materials, 2014, 36, 1146-1152.	3.6	30
132	On the luminescence and energy transfer of white emitting Ca3Y2(Si3O9)2:Ce3+,Mn2+ phosphor. Journal of Luminescence, 2014, 155, 398-404.	3.1	24
133	LiEuMo2O8 â€“ crystal growth, structure, and optical properties. Optical Materials, 2014, 36, 585-590.	3.6	10
134	Solid State Complex Chemistry: Formation, Structure, and Properties of Homoleptic Tetracyanamidogermanates RbRE[Ge(CN₂)₄] (RE = La, Pr, Nd, Gd). Inorganic Chemistry, 2013, 52, 12372-12382.	4.0	22
135	Vacuum-UV excitation and visible luminescence of nano-scale and micro-scale NaLnF4:Pr3+ (Ln=Y, Lu). Optical Materials, 2013, 35, 2062-2067.	3.6	10
136	Synthesis and luminescent properties of red-emitting phosphors: ZnSiF6Â·6H2O and ZnGeF6Â·6H2O doped with Mn4+. Journal of Luminescence, 2013, 137, 88-92.	3.1	38
137	Luminescence and energy transfer in Lu3Al5O12 scintillators co-doped with Ce3+ and Pr3+. Optical Materials, 2013, 35, 322-331.	3.6	52
138	Luminescence and Luminescence Quenching in Gd₃(Ga,Al)₅O₁₂ Scintillators Doped with Ce³⁺. Journal of Physical Chemistry A, 2013, 117, 2479-2484.	2.5	186
139	Synthesis and optical properties of yellow emitting garnet phosphors for pcLEDs. Journal of Luminescence, 2013, 136, 17-25.	3.1	50
140	Red luminescence and persistent luminescence of Sr3Al2O5Cl2:Eu2+,Dy3+. Journal of Luminescence, 2013, 141, 150-154.	3.1	34
141	A Luminescent Material: La₃Cl(CN₂)O₃ Doped with Eu³⁺ or Tb³⁺ Ions. European Journal of Inorganic Chemistry, 2013, 2013, 3195-3199.	2.0	10
142	Synthesis and optical properties of Li3Ba2La3(MoO4)8:Eu3+ powders and ceramics for pcLEDs. Journal of Materials Chemistry, 2012, 22, 22126.	6.7	95
143	Luminescence and Energy Transfer in Lu₃Al₅O₁₂ Scintillators Co-Doped with Ce³⁺ and Tb³⁺. Journal of Physical Chemistry A, 2012, 116, 8464-8474.	2.5	98
144	Synthesis and optical properties of green emitting garnet phosphors for phosphor-converted light emitting diodes. Optical Materials, 2012, 34, 1195-1201.	3.6	44

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