PrzemysÅ‚aw DereÅ„

List of Publications by Year
in descending order

		159585	206112
179	3,458	30	48
papers	citations	h-index	g-index

181	181	181	2694
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Persistent luminescence phenomena in materials doped with rare earth ions. Journal of Solid State Chemistry, 2003, 171, 114-122.	2.9	453
2	Site selection spectroscopy of Cr3+ in MgAl2O4 green spinel. Journal of Luminescence, 1996, 68, 91-103.	3.1	81
3	Power dependence of luminescence of Tb3+-doped KYb(WO4)2 crystal. Journal of Luminescence, 2001, 92, 229-235.	3.1	74
4	Effect of aliovalent doping on the properties of perovskite-like multiferroic formates. Journal of Materials Chemistry C, 2015, 3, 9337-9345.	5.5	70
5	Synthesis and characterization of [(CH₃)₂NH₂][Na_{0.5}Cr_{0.5}(HCOO)₃]; a rare example of luminescent metalâ€“organic frameworks based on Cr(<scp>iii</scp>) ions. Dalton Transactions, 2015, 44, 6871-6879.	3.3	66
6	Emission properties of nanostructured Eu3+ doped zinc aluminate spinels. Journal of Alloys and Compounds, 2000, 300-301, 456-458.	5.5	63
7	Preparation, X-ray analysis and spectroscopic investigation of nanostructured Lu2O3:Tb. Journal of Alloys and Compounds, 2001, 323-324, 8-12.	5.5	56
8	Synthesis and spectroscopic properties of CaTiO3 nanocrystals doped with Pr3+ ions. Journal of Alloys and Compounds, 2008, 451, 595-599.	5.5	55
9	Cooperative processes in KYb(WO4)2 crystal doped with Eu3+ and Tb3+ ions. Journal of Luminescence, 2000, 87-89, 999-1001.	3.1	54
10	Spectroscopic investigations of LaAlO3:Eu3+. Journal of Luminescence, 2003, 102-103, 386-390.	3.1	53
11	Spectroscopic characterisation of LaAlO3 crystal doped with Er3+ ions. Optical Materials, 2007, 29, 766-772.	3.6	53
12	Synthesis and luminescence properties of Eu3+-doped LaAlO3 nanocrystals. Journal of Alloys and Compounds, 2006, 408-412, 828-830.	5.5	50
13	Optical properties of chromium(III) in trigonal KAl(MoO4)2 and monoclinic NaAl(MoO4)2 hosts. Journal of Luminescence, 2000, 92, 151-159.	3.1	48
14	The influence of morphology and Eu3+ concentration on luminescence and temperature sensing behavior of Ba2MgWO6 double perovskite as a potential optical thermometer. Journal of Alloys and Compounds, 2020, 842, 155742.	5.5	48
15	The Structure and Spectroscopic Properties of Al2-xCrx(WO4)3 Crystals in Orthorhombic and Monoclinic Phases. Journal of Solid State Chemistry, 1993, 105, 49-69.	2.9	45
16	Symmetry of LaAlO3 nanocrystals as a function of crystallite size. Journal of Solid State Chemistry, 2010, 183, 2095-2100.	2.9	43
17	High Efficiency Emission of Eu²⁺ Located in Channel and Mgâ€Site of Mg₂Al₄Si₅O₁₈ Cordierite and Its Potential as a Biâ€Functional Phosphor toward Optical Thermometer and White LED Application. Advanced Optical Materials, 2020, 8, 2001143.	7.3	42
18	Laser action in LaAlO3:Nd3+ single crystal. Journal of Applied Physics, 2008, 103, .	2.5	40

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19	Upconversion emission in CaTiO3:Er3+ nanocrystals. Journal of Luminescence, 2008, 128, 797-799.	3.1	39
20	Luminescence properties and determination of optimal RE³⁺(Sm³⁺,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 lattice obtained by combustion synthesis. New Journal of Chemistry, 2014, 38, 5058-5068.	2.8	38
21	Phase transitions and chromium(<scp>iii</scp>) luminescence in perovskite-type [C₂H₅NH₃][Na_{0.5}Cr_xAl_{0.5â^'x}(HCOO)₃] (x = 0, 0.025, 0.5), correlated with structural, dielectric and phonon properties. Physical Chemistry Chemical Physics, 2016, 18, 29629-29640.	2.8	38
22	Red luminescence with controlled rise time in La2MgTiO6: Eu3+. Journal of Alloys and Compounds, 2021, 852, 157074.	5.5	38
23	Effect of random distribution and molecular interactions on optical properties of Er3+ dopant in KY(WO4)2 and Ho3+ in KYb(WO4)2. Journal of Molecular Structure, 1998, 450, 179-192.	3.6	36
24	On tuning the spectroscopic properties of LaAlO3:Pr3+ nanocrystallites. Journal of Luminescence, 2011, 131, 445-448.	3.1	36
25	The effect of pressure on luminescence properties of Cr3+ ions in LiSc(WO4)2 crystalsâ€”Part I: Pressure dependent emission lineshape. Journal of Luminescence, 2006, 116, 1-14.	3.1	34
26	Spectroscopic properties of K4SrSi3O9 doped with Sm3+. Journal of Luminescence, 2016, 173, 38-43.	3.1	32
27	Eu3+ ions in the highly symmetrical octahedral site in Ba2MgWO6 double perovskite. Journal of Alloys and Compounds, 2019, 802, 190-195.	5.5	32
28	Laserâ€excited luminescence in Tiâ€doped MgAl2O4spinel. Journal of Applied Physics, 1990, 68, 736-740.	2.5	31
29	Spectroscopic Properties and Magnetic Phase Transitions in Scheelite MICr(MoO4)2 and Wolframite MICr(WO4)2 Crystals, where MI=Li, Na, K, and Cs. Journal of Solid State Chemistry, 1999, 148, 468-478.	2.9	31
30	Spectroscopic properties of LaAlO3 nanocrystals doped with Tb3+ ions. Journal of Luminescence, 2007, 122-123, 780-783.	3.1	31
31	The effect of K⁺ cations on the phase transitions, and structural, dielectric and luminescence properties of [cat][K_{0.5}Cr_{0.5}(HCOO)₃], where cat is protonated dimethylamine or ethylamine. Physical Chemistry Chemical Physics, 2017, 19, 12156-12166.	2.8	31
32	Spectroscopic properties of LaAlO3 doped with Ho3+. Journal of Alloys and Compounds, 2004, 380, 362-367.	5.5	30
33	Annihilation of the persistent luminescence of MAl2O4:Eu2+ by Sm3+ co-doping. Radiation Measurements, 2004, 38, 515-518.	1.4	29
34	Spectroscopic properties of Nd3+ ions in nano-perovskite CaTiO3. Journal of Solid State Chemistry, 2011, 184, 2713-2718.	2.9	29
35	Synthesis and spectroscopic characterization of the K4BaSi3O9:Eu3+. Optical Materials, 2014, 37, 410-413.	3.6	29
36	One step urea assisted synthesis of polycrystalline Eu3+ doped KYP2O7 â€“ luminescence and emission thermal quenching properties. New Journal of Chemistry, 2014, 38, 1129.	2.8	27

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37	Influence of charge transfer state on Eu 3+ luminescence in LaAlO 3 , by high pressure spectroscopy. Optical Materials, 2017, 63, 158-166.	3.6	27
38	Synthesis, Structure, Morphology, and Luminescent Properties of Ba2MgWO6: Eu3+ Double Perovskite Obtained by a Novel Co-Precipitation Method. Materials, 2020, 13, 1614.	2.9	27
39	Optical properties of chromium(III) in MIIn(MoO4)2hosts, where MI= Li, Na, K, Rb, Cs. Journal of Physics Condensed Matter, 2001, 13, 5807-5816.	1.8	26
40	Optical properties of Cr3+ in MgAl2O4 spinel. Physica B: Condensed Matter, 1988, 152, 379-384.	2.7	25
41	Weak Crystal Field in Yttrium Gallium Garnet (YGG) Submicrocrystals Doped with Cr³⁺. Crystal Growth and Design, 2012, 12, 4752-4757.	3.0	25
42	Efficient up-conversion in KYb0.8Eu0.2(WO4)2 crystal. Journal of Alloys and Compounds, 2000, 300-301, 180-183.	5.5	23
43	Spectroscopic studies of chromium-doped silica solâ€“gel glasses. Journal of Non-Crystalline Solids, 2001, 288, 56-65.	3.1	23
44	Low-temperature synthesis, luminescence and phonon properties of Er and/or Dy doped LaAlO3 nanopowders. Journal of Solid State Chemistry, 2012, 187, 249-257.	2.9	23
45	Thermal quenching mechanisms of the Eu3+ luminescence in Ca9Al(PO4)7 obtained by citric route. Materials Research Bulletin, 2013, 48, 337-342.	5.2	23
46	Optical properties of Ce3+ doped ABO3 perovskites (A=La, Gd, Y and B=Al, Ga, Sc). Journal of Luminescence, 2013, 133, 35-38.	3.1	23
47	Cross relaxation in CaTiO3 and LaAlO3 perovskite nanocrystals doped with Ho3+ ions. Journal of Luminescence, 2014, 154, 62-67.	3.1	23
48	Temperature sensitivity modulation through changing the vanadium concentration in a La2MgTiO6:V5+,Cr3+ double perovskite optical thermometer. Dalton Transactions, 2021, 50, 9851-9857.	3.3	23
49	Spectroscopic Properties of Co²⁺ Ions in MgAl₂O₄ Spinels. Physica Status Solidi (B): Basic Research, 1994, 182, 241-251.	1.5	22
50	Energy levels and crystal field calculations of Er3+ in LaAlO3. Journal of Alloys and Compounds, 2004, 380, 376-379.	5.5	22
51	Spectroscopic properties of Nd3+ in MgAl2O4 spinel nanocrystals. Journal of Alloys and Compounds, 2012, 525, 39-43.	5.5	22
52	Spectroscopic properties of Dy3+ ions in CaTiO3 nano-perovskites. Journal of Luminescence, 2014, 145, 661-664.	3.1	22
53	Luminescent properties of Eu3+ ions in CaB6O10 polycrystals. Journal of Luminescence, 2015, 159, 219-222.	3.1	22
54	Effect of charge compensation on up-conversion and UV excited luminescence of Eu3+ in Yb3+â€“Eu3+ doped calcium aluminate CaAl4O7. Materials Chemistry and Physics, 2014, 147, 304-310.	4.0	21

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55	Analysis of the Crystal Structure and Optical Spectra of Stoichiometric SmOF. The Journal of Physical Chemistry, 1996, 100, 14736-14744.	2.9	20
56	Luminescent properties of dysprosium(III) ions in LaAlO3 nanocrystallites. Journal of Rare Earths, 2011, 29, 1195-1197.	4.8	20
57	Temperature induced emission quenching processes in Eu3+-doped La2CaB10O19. Journal of Materials Chemistry, 2012, 22, 22651.	6.7	20
58	Up-conversion in elpasolite crystals doped with U3+. Chemical Physics Letters, 2000, 332, 308-312.	2.6	19
59	Green up-conversion emission in LaAlO3 crystal doped with holmium ions. Journal of Luminescence, 2006, 119-120, 38-42.	3.1	19
60	Structure Evolution and Upâ€Conversion Studies of ZnX₂O₄:Er³⁺/Yb³⁺ (X = Al³⁺,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 2014, 1090-1101.	2.0	19
61	Multiphonon transitions in LaAlO3 doped with rare earth ions. Optical Materials, 2009, 31, 465-469.	3.6	18
62	Upconversion luminescence properties of nanocrystallite MgAl2O4 spinel doped with Ho3+ and Yb3+ ions. Optical Materials, 2012, 34, 2041-2044.	3.6	18
63	Luminescent properties of LaAlO3 nanocrystals, doped with Pr3+ and Yb3+ ions. Journal of Luminescence, 2014, 146, 239-242.	3.1	18
64	The role of the Ca vacancy in the determination of the europium position in the energy gap, its valence state and spectroscopic properties in KCa(PO3)3. Physical Chemistry Chemical Physics, 2014, 16, 5581.	2.8	18
65	Structural and spectroscopic features of Ca9M(PO4)7 (MÂ=ÂAl3+, Lu3+) whitlockites doped with Pr3+ ions. Journal of Alloys and Compounds, 2016, 672, 45-51.	5.5	18
66	Structural and spectroscopic properties of MgAl2O4:Nd3+ transparent ceramics fabricated by using two-step Spark Plasma Sintering. Journal of Alloys and Compounds, 2017, 722, 358-364.	5.5	18
67	Method to Measure the Degree of Reduction of Eu³⁺ to Eu²⁺: How Anion and Cation Vacancies Influence the Degree of Reduction. Journal of Physical Chemistry C, 2021, 125, 24505-24514.	3.1	18
68	The nature of Cr(III) luminescence in MgAl2O4 spinel. Journal of Luminescence, 1988, 40-41, 421-422.	3.1	17
69	Parametric analysis of the energy level scheme of Pr3+ in La2O2CN2. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1998, 54, 2065-2069.	3.9	17
70	Spectroscopic characterization of LaALO3 crystal doped with Pr3+ ions. Journal of Luminescence, 2007, 122-123, 40-43.	3.1	17
71	Efficient up-conversion emission and energy transfer in LaAlO3 doped with Er3+, Ho3+, and Yb3+ ions. Optical Materials, 2012, 34, 1990-1993.	3.6	17
72	Electronic structure of AB'B''O6-type (A = Ca, Sr, Ba; B' = Mg, Zn; B'' = Mo, W) double perovskite oxides. Optical Materials, 2019, 90, 95-98.	3.6	17

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73	Deep red fluoride dots-in-nanoparticles for high color quality micro white light-emitting diodes. Optics Express, 2020, 28, 26189.	3.4	17
74	Cooperative energy transfer in Yb3+â€“Tb3+ co-doped CaAl4O7 upconverting phosphor. Materials Chemistry and Physics, 2015, 156, 220-226.	4.0	16
75	Luminescent properties of europium ions in CaAl2SiO6. Journal of Alloys and Compounds, 2016, 672, 595-599.	5.5	16
76	Spectroscopic characterization of LaAlO3 crystal doped with Tm3+ ions. Optical Materials, 2008, 30, 680-683.	3.6	15
77	Spectroscopic properties and Juddâ€“Ofelt analysis of LaAlO3 monocrystal doped with Tm3+ ions. Journal of Luminescence, 2016, 178, 400-406.	3.1	15
78	Conversion of red light into green light in LiTaO3:Ho. Journal of Applied Physics, 2000, 88, 6078-6080.	2.5	14
79	Hot emission in Nd3+/Yb3+:YAG nanocrystalline ceramics. Journal of Luminescence, 2003, 102-103, 438-444.	3.1	14
80	Dipole â€“ dipole and dipole â€“ quadrupole interactions between Sm3+ ions in K4BaSi3O9. Journal of Luminescence, 2017, 190, 123-127.	3.1	14
81	Luminescence investigation and thermal stability of blue-greenish emission generated from Ca3MgSi2O8: Eu2+ phosphor. Optical Materials, 2018, 80, 62-64.	3.6	14
82	Influence of temperature on near-infrared luminescence, energy transfer mechanism and the temperature sensing ability of La2MgTiO6: Nd3+ double perovskites. Sensors and Actuators A: Physical, 2021, 317, 112453.	4.1	14
83	Visible anti-Stokes emission of Gd3+ in Cs2NaGdCl6 crystal. Chemical Physics Letters, 1998, 298, 217-221.	2.6	13
84	Up-conversion in KYb(WO4)2:Pr3+ crystal. Optical Materials, 2002, 19, 145-148.	3.6	13
85	Preliminary spectroscopic properties of K4SrSi3O9 doped with Eu3+. Optical Materials, 2013, 35, 2531-2534.	3.6	13
86	On how the mechanochemical and co-precipitation synthesis method changes the sensitivity and operating range of the Ba2Mg1-xEuxWO6 optical thermometer. Scientific Reports, 2021, 11, 22847.	3.3	13
87	Optical detection of terahertz phonon dynamics in disordered doped insulator systems using a new FLN-based technique. Journal of Luminescence, 1990, 45, 115-119.	3.1	12
88	Analysis of the optical spectra and paramagnetic susceptibility of DyOF. Journal of Physics Condensed Matter, 1996, 8, 1575-1590.	1.8	12
89	The role of hypersensitive transition in Eu3+ optical probe for site symmetry determination in BaScBO-SrScBO solid-solution phosphor. Journal of Luminescence, 2018, 201, 298-302.	3.1	12
90	Spark Plasma Sintering of double perovskite Ba2MgWO6 doped with Ce3+: Part I - Structural and microstructural characterizations. Ceramics International, 2020, 46, 7602-7608.	4.8	12

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91	Unusual emission generated from Ca2Mg0.5AlSi1.5O7:Eu2+ and its potential for UV-LEDs and non-contact optical thermometry. Journal of Alloys and Compounds, 2021, 863, 158770.	5.5	12
92	Spectroscopic properties of erbium doped silica glasses obtained by sol-gel method. Journal of Alloys and Compounds, 1998, 275-277, 420-423.	5.5	11
93	Luminescence â€“ structure relationships in MYP2O7:Eu3+ (M=K, Rb, Cs). Journal of Luminescence, 2016, 175, 249-254.	3.1	11
94	How the size of LaAlO3 nanocrystals changes its spectroscopic properties. Journal of Luminescence, 2018, 193, 73-78.	3.1	11
95	Crystal field energy level scheme of Er3+ in GdOCl Parametric analysis. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 2241-2246.	1.7	10
96	High-pressure spectroscopy of C3+ doped MgOâ€“2.5Al2O3 non-stoichiometric green spinel. Journal of Alloys and Compounds, 2002, 341, 193-196.	5.5	10
97	Analysis of the absorption and luminescence spectra of U3+:Cs2NaYBr6 single crystals. Chemical Physics, 2003, 287, 365-375.	1.9	10
98	High-pressure spectroscopy characterisation of LiSc(WO4)2 crystals doped with trivalent chromium. Journal of Luminescence, 2003, 102-103, 699-704.	3.1	10
99	The effect of pressure on luminescence properties of Cr3+ ions in LiSc(WO4)2 crystalsâ€”Part II: Pressure- and temperature-dependent luminescence kinetics. Journal of Luminescence, 2006, 116, 15-27.	3.1	10
100	An impact of sintering temperature and doping level on structural and spectral properties of Eu-doped strontium aluminium oxide. Journal of Rare Earths, 2011, 29, 1105-1110.	4.8	10
101	Spectroscopic properties of LaAlO3 single-crystal doped with Tb3+ ions. Optical Materials, 2018, 78, 292-294.	3.6	10
102	Emergent room temperature polar phase in CaTiO3 nanoparticles and single crystals. APL Materials, 2019, 7, .	5.1	10
103	Exploration of the Temperature Sensing Ability of La2MgTiO6:Er3+ Double Perovskites Using Thermally Coupled and Uncoupled Energy Levels. Materials, 2021, 14, 5557.	2.9	10
104	Tunable broadband emission by bandgap engineering in (Ba,Sr)2(Mg,Zn)WO6 inorganic double-perovskites. Journal of Alloys and Compounds, 2021, 888, 161567.	5.5	10
105	Systematic analysis of the optical spectra of selected RE3+ ions in rare-earth oxyfluoride. Journal of Applied Spectroscopy, 1995, 62, 697-705.	0.7	9
106	Spectroscopic properties of U3+ ions in a ZnCl2-based glass. Journal of Alloys and Compounds, 1998, 275-277, 393-397.	5.5	9
107	Excited state absorption processes in Sm3+ doped GdOCl. Journal of Alloys and Compounds, 2000, 300-301, 218-223.	5.5	9
108	Structural, Raman, FT-IR and optical properties of Rb3Y2(PO4)3 and Rb3La(PO4)2 doped with Eu3+ ions. New Journal of Chemistry, 2015, 39, 8474-8483.	2.8	9

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109	Anomalous decays in Nd3+ doped LaAlO3 single crystal. Journal of Physics and Chemistry of Solids, 2015, 85, 102-105.	4.0	9
110	Spectroscopic properties of LaAlO3:Tm3+ nanocrystals. Optical Materials, 2018, 83, 68-72.	3.6	9
111	Luminescence properties of U3+ doped chloride elpasolite. Journal of Molecular Structure, 1994, 325, 149-154.	3.6	8
112	Optical properties of erbium-doped silica fibers obtained by solâ€“gel method. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1999, 55, 369-373.	3.9	8
113	Spectroscopic and electrochromical properties of metallophthalocyanines in silicate bulks and thin films prepared by the solâ€“gel method. Journal of Molecular Structure, 2000, 519, 125-130.	3.6	8
114	Optical properties of Nd3+-doped silica fibers obtained by sol-gel method. Journal of Alloys and Compounds, 2000, 300-301, 459-463.	5.5	8
115	Simple overlap model and crystal field analysis of Cs2ZnCl4:Co2+. Correlation with optical and magnetic properties. Journal of Alloys and Compounds, 2000, 300-301, 242-253.	5.5	8
116	Spectroscopic and structural properties of MgAl2O4:Nd3+ nanopowders and ceramics. Journal of Rare Earths, 2014, 32, 265-268.	4.8	8
117	Origin of Violetâ€Blue Emission in Tiâ€Doped Gahnite. Journal of the American Ceramic Society, 2014, 97, 1883-1889.	3.8	8
118	Crystal structure, phonon and luminescence properties of AgRE(WO4)2 tungstates, where REâ€¯=â€¯Y, Pr, Nd, Sm - Lu. Journal of Alloys and Compounds, 2018, 745, 779-788.	5.5	8
119	An Er³⁺ doped Ba₂MgWO₆ double perovskite: a phosphor for low-temperature thermometry. Dalton Transactions, 2022, 51, 8056-8065.	3.3	8
120	Emission spectra of U3+ in Cs2NaYBr6. Journal of Alloys and Compounds, 1995, 225, 111-114.	5.5	7
121	Anti-Stokes emission in LaCl3 doped with U3+ and Pr3+ ions. Chemical Physics Letters, 1997, 264, 614-618.	2.6	7
122	Strong and weak up-conversion rate in LaCl3: U3+ single crystal. Journal of Alloys and Compounds, 2004, 380, 357-361.	5.5	7
123	Anti-Stokes emission in LaAlO3 crystal doped with Tm3+ ions. Journal of Alloys and Compounds, 2008, 461, 58-60.	5.5	7
124	Spectroscopic properties of LaZnPO polycrystals doped with Nd3+ ions. Journal of Luminescence, 2015, 165, 88-93.	3.1	7
125	Pair luminescence in Cr3+ -doped Ba2Mg(BO3)2. Optical Materials, 2018, 79, 269-272.	3.6	7
126	Synthesis and photoluminescence of Eu3+ activated alkali mixed (Li, Na)Y(PO3)4 under VUV-UV excitation. Optical Materials, 2019, 92, 217-222.	3.6	7

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127	Optical spectroscopy and light-induced gratings in Cr3+ doped non-stoichiometric magnesium spinel. Chemical Physics, 1992, 165, 147-154.	1.9	6
128	Anti-Stokes emission from LaCl3:U3+ and LaCl3:U3+, Pr3+. Journal of Luminescence, 1997, 72-74, 655-657.	3.1	6
129	Spectroscopic properties of Cs2ZnCl4:Co2+. Journal of Molecular Structure, 1997, 404, 167-174.	3.6	6
130	Spectroscopic properties and upconversion in KYb(WO4)2: Ho3+. Journal of Alloys and Compounds, 2002, 341, 130-133.	5.5	6
131	Experimental evidence of Eu3+ pairs in K2EuF5. Optical Materials, 2009, 31, 558-561.	3.6	6
132	Site-selective Eu³⁺ luminescence in Sr₂ScLi(B₂O₅)₂. New Journal of Chemistry, 2017, 41, 7662-7666.	2.8	6
133	Spectroscopic and paramagnetic properties of LaAlO3 polycrystals doped with vanadium ions. Journal of Luminescence, 2020, 221, 117059.	3.1	6
134	Spectroscopic properties of Cr-doped silica gel glasses. Journal of Applied Spectroscopy, 1995, 62, 656-659.	0.7	5
135	Luminescence properties of Cr-doped silica sol gel glasses. , 1997, 3176, 249.		5
136	Green emission of LaCl3: U3+ produced by red laser pulse. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1998, 54, 2105-2108.	3.9	5
137	Spectroscopic studies of samarium doped CdF2 crystal. Journal of Alloys and Compounds, 2000, 300-301, 230-233.	5.5	5
138	Spectroscopic investigations of Gd3Sc2Ga3O12 garnet doped with Cr3+ and Nd3+ ions. Journal of Rare Earths, 2009, 27, 560-563.	4.8	5
139	Spectroscopic properties of MZnPO (M=Gd, Y) polycrystals doped with Nd 3+ ions. Journal of Luminescence, 2017, 184, 130-135.	3.1	5
140	The multi-site emission of Eu3+ in Ba2M(BO3)2 (M = Mg, Ca) solid-solution. Journal of Luminescence, 2019, 213, 151-157.	3.1	5
141	Optical spectra and effects on electronic structure of Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e193" altimg="si44.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math>MgWO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e201" altimg="si45.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:msub></mml:math>	1.9	5
142	Optical properties of the Dy3+ ion in DyOCl. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1998, 54, 2189-2195.	3.9	4
143	Blue emission of Pr3+ ions in LaCl3 crystal triggered by U3+. Journal of Alloys and Compounds, 2000, 300-301, 18-22.	5.5	4
144	Investigation of nanostructured Lu 2 O 3 :Tb. , 2001, 4413, 176.		4

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145	New paths of excitation of up-conversion emissions in LaCl3:U3+. Journal of Alloys and Compounds, 2002, 341, 134-138.	5.5	4
146	Micrometric spatial control of rare earth ion emission in LiNbO3: A two-dimensional multicolor array. Applied Physics Letters, 2009, 95, 051103.	3.3	4
147	Upconversion emission of the GaN nanocrystals doped with rare earth ions. Solid State Sciences, 2019, 94, 127-132.	3.2	4
148	Effect of Ceramic Formation on the Emission of Eu3+ and Nd3+ Ions in Double Perovskites. Materials, 2021, 14, 5996.	2.9	4
149	Luminescence properties of KMnCl3:Eu3+. Journal of Solid State Chemistry, 1989, 79, 282-284.	2.9	3
150	Two-photon vibronic transitions of Gd3+ in cubic Cs2NaGdCl6 crystal. Journal of Luminescence, 1996, 69, 295-299.	3.1	3
151	Crystal fields in (La1â^'xGdx)OCl:Eu3+ solid solutions. Journal of Alloys and Compounds, 1997, 250, 370-374.	5.5	3
152	On spectroscopic properties of the KYb(WO4)2:Pr3+crystal. Molecular Physics, 2003, 101, 951-960.	1.7	3
153	Rare earth doped ring-shaped luminescent micro-composites on patterned ferroelectrics. Optics Express, 2010, 18, 18269.	3.4	3
154	Optical properties and storage capabilities in AB₂O₄:Cr³⁺(A=Zn,) Tj ETQq0 0 0 rgBT /Overlock 1	0.8	3
155	Disorder effects in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>LaAl</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> : <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi>Ho</mml:mi></mml:mrow><mml:mrow><m single crystals revealed by optical spectra. Physical Review B, 2021, 103, .	3.2	3
156	Anti-Stokes green emission of Er-doped silica fibers excited by an IR laser. , 1997, , .		2
157	Spectroscopic behavior of K3[Cr(NCS)6] complexes entrapped in silica glasses obtained by the sol-gel method. Journal of Molecular Structure, 1997, 404, 137-140.	3.6	2
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