ConcepciÃ³n Cascales

List of Publications by Year
in descending order

180 papers	4,084 citations	109311 35 h-index	161844 54 g-index
199 all docs	199 docs citations	199 times ranked	2830 citing authors

#	Article	IF	Citations
1	Rare Earth Arenedisulfonate Metalâ"Organic Frameworks:â€‰ An Approach toward Polyhedral Diversity and Variety of Functional Compounds. Inorganic Chemistry, 2007, 46, 3475-3484.	4.0	137
2	Benefits of Silica Coreâ€"Shell Structures on the Temperature Sensing Properties of Er,Yb:GdVO₄ Up-Conversion Nanoparticles. ACS Applied Materials & Interfaces, 2016, 8, 7266-7273.	8.0	136
3	Structural, spectroscopic, and tunable laser properties ofYb3+-dopedNaGd(WO4)2. Physical Review B, 2006, 74, .	3.2	134
4	Crystal Structure, Magnetic Order, and Vibrational Behavior in Iron Rare-Earth Borates. Chemistry of Materials, 1997, 9, 237-240.	6.7	122
5	Spectroscopy and Lasing of Yb-Doped <formula formulatype="inline"> <tex>${hbox {NaY}}({hbox {WO}}_{4})}_{2}$</tex> </formula>: Tunable and Femtosecond Mode-Locked Laser Operation. IEEE Journal of Quantum Electronics, 2007, 43, 758-764.	1.9	105
6	The optical spectroscopy of lanthanides R3+ in ABi(XO4)2 (A=Li, Na; X=Mo, W) and LiYb(MoO4)2 multifunctional single crystals: Relationship with the structural local disorder. Optical Materials, 2005, 27, 1672-1680.	3.6	92
7	Tunable laser operation of ytterbium in disordered single crystals of Yb:NaGd(WO4)2. Optics Express, 2004, 12, 5362.	3.4	87
8	Excess electrical conductivity in polycrystalline Bi-Ca-Sr-Cu-O compounds and thermodynamic fluctuations of the amplitude of the superconducting order parameter. Physica C: Superconductivity and Its Applications, 1988, 156, 807-816.	1.2	82
9	One teflonÂ®-like channelled nanoporous polymer with a chiral and new uninodal 4-connected net: sorption and catalytic properties. Chemical Communications, 2005, , 1291-1293.	4.1	82
10	Femtosecond (191 fs) NaY(WO_4)_2 Tm,Ho-codoped laser at 2060 nm. Optics Letters, 2010, 35, 3027.	3.3	79
11	(NH4)2Ge7O15: A Microporous Material Containing GeO4 and GeO6 Polyhedra in Nine-Rings. Angewandte Chemie - International Edition, 1998, 37, 129-131.	13.8	77
12	From rational octahedron design to reticulation serendipity. A thermally stable rare earth polymeric disulfonate family with CdI2-like structure, bifunctional catalysis and optical properties. Chemical Communications, 2002, , 1366-1367.	4.1	76
13	Optical spectroscopy of Pr3+in M+Bi(XO4)2, M+= Li or Na and X = W or Mo, locally disordered single crystals. Journal of Physics Condensed Matter, 2004, 16, 2139-2160.	1.8	67
14	Growth, Structure, and Evaluation of Laser Properties of LiYb(MoO4)2 Single Crystal. Chemistry of Materials, 2005, 17, 291-300.	6.7	66
15	Thermochromic upconversion nanoparticles for visual temperature sensors with high thermal, spatial and temporal resolution. Journal of Materials Chemistry C, 2016, 4, 6602-6613.	5.5	65
16	A Germanium Zeotype Containing Intratunnel Transition Metal Complexes. Angewandte Chemie - International Edition, 1999, 38, 2436-2439.	13.8	54
17	Hydrothermal Yb³⁺-Doped NaGd(WO₄)₂ Nano- and Micrometer-Sized Crystals with Preserved Photoluminescence Properties. Chemistry of Materials, 2010, 22, 2315-2324.	6.7	54
18	Optical spectroscopy of Pr3+in KGd(WO4)2single crystals. Journal of Physics Condensed Matter, 2000, 12, 8531-8550.	1.8	52

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19	Growth, spectroscopy, and tunable laser operation of the disordered crystal LiGd(MoO_4)_2 doped with ytterbium. Journal of the Optical Society of America B: Optical Physics, 2006, 23, 1083.	2.1	51
20	Tunable continuous wave and femtosecond mode-locked Yb3+ laser operation in NaLu(WO4)2. Journal of Applied Physics, 2007, 101, 063110.	2.5	51
21	Growth and continuous-wave laser operation of disordered crystals of Yb3+:NaLa(WO4)2and Yb3+:NaLa(MoO4)2. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, R29-R31.	1.8	49
22	Polarization and local disorder effects on the properties of Er^3+-doped XBi(YO_4)_2, X=Li or Na and Y=W or Mo, crystalline tunable laser hosts. Journal of the Optical Society of America B: Optical Physics, 2006, 23, 2066.	2.1	49
23	Structural and Thermal Properties of Tetragonal Double Tungstate Crystals Intended for Ytterbium Laser Composites. Chemistry of Materials, 2007, 19, 3002-3010.	6.7	49
24	Enhanced upconversion multicolor and white light luminescence in SiO₂-coated lanthanide-doped GdVO₄hydrothermal nanocrystals. Nanotechnology, 2012, 23, 505205.	2.6	49
25	Continuous-wave diode-pumped operation of an Yb:NaLa(WO4)2 laser at room temperature. Optics and Laser Technology, 2007, 39, 558-561.	4.6	46
26	Crystal field analysis and emission cross sections ofHo3+in the locally disordered single-crystal laser hostsM+Bi(XO4)2(M+=Li,Na;X=W,Mo). Physical Review B, 2007, 75, .	3.2	43
27	Continuous wave and tunable laser operation of Yb3+ in disordered NaLa(MoO4)2. Applied Physics B: Lasers and Optics, 2005, 81, 621-625.	2.2	42
28	Investigation of site-selective symmetries of Eu3+ ions in KPb2Cl5 by using optical spectroscopy. Optics Express, 2005, 13, 2141.	3.4	42
29	Raman Scattering and Nd^{3+} Laser Operation in NaLa(WO$_{4}$)$_{2}$. IEEE Journal of Quantum Electronics, 2007, 43, 157-167.	1.9	42
30	On Characterization of Barium Rare-Earth Antimonates: Ordered Perovskites Suitable as Substrates for Superconducting Films. Journal of Solid State Chemistry, 1997, 128, 247-250.	2.9	41
31	Ge8O16[(OH)â^'(MeNH3)+(MeNH2)]: one OH-templated germanium zeotype. Chemical Communications, 2000, , 2145-2146.	4.1	38
32	Measurement and crystal-field analysis of Er3+ energy levels in crystals of NaBi(MoO4)2 and NaBi(WO4)2 with local disorder. Chemical Physics, 2002, 279, 73-86.	1.9	38
33	Magnetic structures and magnetocaloric effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>R</mml:mi><mml:msub><mml:mi>VO</mml:mi><mml:mi><mml:m B, 2018, 97, .	3.2	38
34	Novel low-cost, compact and fast signal processing sensor for ratiometric luminescent nanothermometry. Sensors and Actuators A: Physical, 2016, 250, 87-95.	4.1	37
35	Continuous-wave tunable and femtosecond mode-locked laser operation of Yb:NaY(MoO_4)_2. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 1341.	2.1	36
36	Emission properties of hydrothermal Yb^{3 +}, Er^{3 +}and Yb^{3 +}, Tm^{3 +}-codoped Lu₂O₃nanorods: upconversion, cathodoluminescence and assessment of waveguide behavior. Nanotechnology, 2011, 22, 075205.	2.6	36

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37	Crystal-Field Effect on the Magnetic Susceptibility of Rare-Earth (Pr, Nd, Eu) Mixed Oxides. Journal of Solid State Chemistry, 1995, 114, 52-56.	2.9	35
38	XPS study of the dependence on stoichiometry and interaction with water of copper and oxygen valence states in the YBa2Cu3O7â¯x compound. Journal of Solid State Chemistry, 1989, 81, 240-249.	2.9	34
39	Comparative study of crystallographic, spectroscopic, and laser properties of Nd<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math>in Na<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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55	X-ray diffraction data and magnetic properties of the oxides R3Sb5O12 (R = Pr, Nd, Sm, Eu, Gd, Yb). Journal of Physics and Chemistry of Solids, 1989, 50, 871-875.	4.0	23
56	Growth and 10 K spectroscopy of Nd3+ in NaBi(WO4)2 single crystal. Journal of Alloys and Compounds, 2001, 323-324, 315-320.	5.5	23
57	A Diamine Copper(I) Complex Stabilized in Situ within the Ferrierite Framework. Catalytic Properties. Chemistry of Materials, 2001, 13, 1364-1368.	6.7	23
58	Laser operation of Yb^3+ in disordered Li_0.75Gd_0.75Ba_0.5(MoO_4)_2 crystal with small quantum defect. Optics Express, 2007, 15, 18162.	3.4	23
59	Crystal Structure and Low-Temperature Magnetic Ordering in Rare Earth Iron Germanates RFeGe2O7, R = Y, Pr, Dy, Tm, and Yb. Chemistry of Materials, 2002, 14, 1995-2003.	6.7	22
60	Optical spectroscopic study of Eu^3+ crystal field sites in Na_3La_9O_3(BO_3)_8 crystal. Optics Express, 2008, 16, 2653.	3.4	22
61	Anisotropic magnetic structures of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Mn</mml:mi><mml:mi>R</mml:mi><mml:msub><mml:mrow><mml:mi>high-pressure doubly ordered perovskites (<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 Td (xmlns:mml="http://www.	3.2	22
62	Physical Review B, 2018, 97, . Site symmetry and host sensitization-dependence of Eu³⁺ real time luminescence in tin dioxide nanoparticles. Optics Express, 2018, 26, 16155.	3.4	22
63	Spectroscopy and efficient laser operation near 1.95Î¼m of Tm3+ in disordered NaLu(WO4)2. Journal of Applied Physics, 2008, 103, 083110.	2.5	21
64	Vibrational spectra of double molybdates and tungstates of the type Na5Ln(XO4)4. Journal of Physics and Chemistry of Solids, 1993, 54, 1005-1008.	4.0	20
65	Synthesis, structure and magnetic properties of Râ€“Wâ€“Oâ€“N (R=Nd and Eu) oxynitrides. Journal of Solid State Chemistry, 2007, 180, 92-97.	2.9	20
66	Neutron diffraction refinement and characterization of (R = La, Pr, Nd, Gd). Journal of Physics Condensed Matter, 1996, 8, 2641-2653.	1.8	19
67	Magnetic ordering of Fe and Tb in theab initiodeterminedFeRGe2O7structure (R=Y, Tb). Physical Review B, 1998, 57, 5240-5249.	3.2	19
68	Thermo-optical properties of uniaxial NaT(XO4)2 laser host crystals (where TÂ=ÂY, La, Gd or Bi, and XÂ=ÂW) Tj ETQq0 0 0 rgBT /Overloc	2.2	19
69	Correlation between Polymorphism and Optical Bandwidths in AgNd(WO4)2. Chemistry of Materials, 2005, 17, 6635-6643.	6.7	18
70	Crystal Growth and Physical Characterization of Monoclinic Li₃Lu₃Ba₂(MoO₄)₈. A Spectrally Broadened Disordered Crystal for Ultrafast Mode-Locked Lasers. Crystal Growth and Design, 2012, 12, 3878-3887.	3.0	18
71	Nanoparticulate Coatings with Efficient Up-Conversion Properties. ACS Applied Materials & Interfaces, 2014, 6, 22483-22489.	8.0	18
72	Mode-locked laser operation of Indium-modified Yb:KY(WO_4)_2 single crystal. Optics Express, 2015, 23, 11135.	3.4	18

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73	Ultrasmall, water dispersible, TWEEN80 modified Yb:Er:NaGd(WO4)2nanoparticles with record upconversion ratiometric thermal sensitivity and their internalization by mesenchymal stem cells. Nanotechnology, 2017, 28, 185101.	2.6	18
74	Correlation between structural and vibrational properties of the Ln3Sb5O12-type oxides. Journal of Physics and Chemistry of Solids, 1991, 52, 431-434.	4.0	17
75	Spectroscopic properties and simulation of the energy level schemes of Nd3+and Pr3+ions in rare earth tellurium oxides. Journal of Physics Condensed Matter, 1992, 4, 2721-2734.	1.8	17
76	Synthesis of Tm:Lu2O3 nanocrystals for phosphor blue applications. Physics Procedia, 2010, 8, 142-150.	1.2	17
77	Efficient mid-infrared laser operation ofâ€¨Li_3Lu_3-xTm_xBa_2(MoO_4)_8 disordered crystal. Optics Express, 2011, 19, 7640.	3.4	17
78	White light upconversion in Yb-sensitized (Tm, Ho)-doped KLu(WO₄)₂nanocrystals: the effect of Eu incorporation. Physical Chemistry Chemical Physics, 2014, 16, 1679-1686.	2.8	17
79	Crystal field effect and paramagnetic susceptibility of rare earth antimonates Ln3Sb5O12. Journal of the Less Common Metals, 1989, 148, 369-374.	0.8	16
80	A Copper Germanate Containing Potassium in Its Two-Dimensional Channel Network. Chemistry of Materials, 2000, 12, 1926-1930.	6.7	16
81	New rare-earth (Y, Yb) bismuth(iii) germanates. An initial study of a promising series. Journal of Materials Chemistry, 2002, 12, 3626-3630.	6.7	16
82	Site selective spectroscopy of Eu3+ in heavy-metal oxide glasses. Journal of Non-Crystalline Solids, 2006, 352, 2448-2451.	3.1	16
83	Effects of High Pressure on the Luminescence Spectra of Eu(SO4)2Â·NH4 Microcrystals:â€‰ Anisotropically Induced Structural Distortions. Journal of Physical Chemistry A, 2008, 112, 1464-1472.	2.5	16
84	Micro- and nanosized architectures in hydrothermal Tm3+-doped GdVO4: chemical insights towards preservation of the emission efficiency. CrystEngComm, 2012, 14, 2756.	2.6	16
85	The spinels CoRh2O4 and Co2RhO4. Materials Chemistry and Physics, 1984, 10, 199-203.	4.0	15
86	Optical properties and crystal field calculations of europium tellurium oxide. Journal of Alloys and Compounds, 1992, 180, 111-116.	5.5	15
87	Crystal growth of superconducting LiTi2O4. Journal of Crystal Growth, 1994, 142, 87-92.	1.5	15
88	Crystal-field analysis of Eu 3+ energy levels in the new rare-earth R BiY 1â^'x R x GeO 5 oxide. Journal of Solid State Chemistry, 2003, 171, 262-267.	2.9	15
89	Catalytic Behavior of Rare-Earth Sulfates:Â Applications in Organic Hydrogenation and Oxidation Reactions. Chemistry of Materials, 2004, 16, 4144-4149.	6.7	15
90	High thermal sensitivity and the selectable upconversion color of Ln, Yb:Y₆O₅F₈ nanotubes. Physical Chemistry Chemical Physics, 2014, 16, 23274-23285.	2.8	15

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91	Oxygen vacancy ordering in the defect pyrochlore Pb2[TiSb]O6.5: a Rietveld refinement of neutron powder diffraction data. Acta Crystallographica Section C: Crystal Structure Communications, 1989, 45, 3-7.	0.4	14
92	Spontaneous O2 release from SmBa2Cu3O7â^'x high Tc superconductor in contact with water. Solid State Communications, 1989, 70, 71-73.	1.9	14
93	Paramagnetic susceptibility simulations from crystal-field effects on rare-earth double molybdate and tungstate. Journal of Physics Condensed Matter, 1996, 8, 6413-6424.	1.8	14
94	CuNd2Ge2O8: Crystal Growth, Crystal Structure, and Magnetic and Spectroscopic Properties. Journal of Solid State Chemistry, 1995, 120, 254-259.	2.9	13
95	Paramagnetic susceptibility simulations from crystal field effects on rare earth antimonates R3Sb5O12. Journal of Alloys and Compounds, 1997, 250, 391-395.	5.5	13
96	Vibrational spectra of tetrametagermanates of the type Ln2CuGe4O12 (Ln=lanthanide or Y). Journal of Raman Spectroscopy, 1997, 28, 927-931.	2.5	13
97	Magnetic Ordering in the Rare Earth Iron Germanates HoFeGe2O7and ErFeGe2O7. Chemistry of Materials, 1999, 11, 2520-2526.	6.7	12
98	A novel microporous Ge-material containing nine-rings. Solid State Sciences, 1999, 1, 181-186.	0.7	12
99	Optical spectroscopy and crystal-field effects on the paramagnetic susceptibility of rare-earth germanates GaRGe2O7, R=Pr, Nd. Chemical Physics, 2000, 257, 29-40.	1.9	12
100	Preparation and Optical Characterization of Yb3Sb5O12:Â Discussion of Its Suitability for Laser Operationâ€. Chemistry of Materials, 2005, 17, 2052-2058.	6.7	12
101	Crystal field splitting and magnetic behavior ofNd2BaCuO5single crystals. Physical Review B, 2005, 71, .	3.2	12
102	Spectroscopic characterization of solâ€“gel synthesized Tm:Lu2O3 nanocrystals. Applied Physics B: Lasers and Optics, 2012, 106, 409-417.	2.2	12
103	Crystal field effects on the magnetic susceptibility of rare earth tellurium oxides. Journal of Physics and Chemistry of Solids, 1993, 54, 1471-1474.	4.0	11
104	Optical properties of rare earth sodium double molybdates Na5RE(MoO4)4, RE î—» Pr, Nd, Eu. Journal of Alloys and Compounds, 1994, 207-208, 178-181.	5.5	11
105	CuYb2Ge4O12, a New Bidimensionally Tunneled Structure. Journal of Solid State Chemistry, 1996, 124, 17-23.	2.9	11
106	Crystal field studies in Eu3+ doped Bi12SiO20 and Bi12SiO20:V5+ single crystals. Journal of Alloys and Compounds, 2001, 323-324, 260-266.	5.5	11
107	Crystal growth, crystal field evaluation and spectroscopy for thulium in monoclinic KGd(WO4)2and KLu(WO4)2laser crystals. Journal of Physics Condensed Matter, 2008, 20, 345219.	1.8	11
108	Fluorescence line narrowing spectroscopy of Eu3+ in TeO2â€“TiO2â€“Nb2O5 glass. Optical Materials, 2009, 31, 1092-1095.	3.6	11

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109	New Pyrochlore Pb2II[In0.5 Sb1.5]O6.5. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1985, 529, 229-234.	1.2	10
110	Crystal structure and magnetic properties of CoR(BO2)5 (Rî—¼Y, Gd) and NiR(BO2)5 (Rî—¼Nd, Gd). Journal of Alloys and Compounds, 1995, 225, 225-229.	5.5	10
111	Vibrational spectra of germanates of the type Ln2CuGe2O8 (Ln=lanthanide or Y). Journal of Raman Spectroscopy, 1999, 30, 77-79.	2.5	10
112	Low-Temperature Magnetic Ordering in Rare-Earth Copper Germanates R2CuGe4O12, R = Ho, Er. Chemistry of Materials, 2000, 12, 3369-3375.	6.7	10
113	Hydrothermal Tm³⁺â"Lu₂O₃Nanorods with Highly Efficient 2 Î¼m Emission. Inorganic Chemistry, 2011, 50, 2836-2843.	4.0	10
114	White upconversion luminescence in nanocrystalline (Ho,Tm,Yb):KLu(WO₄)₂ phosphor. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 2676-2679.	0.8	10
115	Ultraviolet to infrared refractive indices of tetragonal double tungstate and double molybdate laser crystals. Applied Physics B: Lasers and Optics, 2012, 108, 509-514.	2.2	10
116	Paramagnetic susceptibility simulations from crystal field effects on Nd3+ in magnesium borate MgNd(BO2)5. Chemical Physics, 1999, 240, 291-301.	1.9	9
117	Measurement and simulation of the energy levels of R=Pr3+ and Nd3+ in GaRGe2O7. Journal of Alloys and Compounds, 2000, 303-304, 349-354.	5.5	9
118	Nonlinear refractive indices of disordered NaT(XO4)2 T=Y, La, Gd, Lu and Bi, X=Mo, W femtosecond laser crystals. Applied Physics B: Lasers and Optics, 2008, 91, 507-510.	2.2	9
119	Growth, structural and spectroscopic properties of Yb3+-doped Li0.75Gd0.75Ba0.5(MoO4)2 crystals. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 146, 89-94.	3.5	9
120	Thermal Characterization, Crystal Field Analysis and In-Band Pumped Laser Performance of Er Doped NaY(WO4)2 Disordered Laser Crystals. PLoS ONE, 2013, 8, e59381.	2.5	9
121	Efficient up-conversion in Yb:Er:NaT(XO4)2 thermal nanoprobes. Imaging of their distribution in a perfused mouse. PLoS ONE, 2017, 12, e0177596.	2.5	9
122	Vibrational and 57Fe-MÃ¶ssbauer spectra of FeTbGe2O7. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2000, 56, 1277-1281.	3.9	8
123	Crystal structure and influence of the rare-earth on the magnetic structure of copper germanates R2CuGe4O12. Journal of Alloys and Compounds, 2002, 344, 379-384.	5.5	8
124	Site selective spectroscopy of Yb3+ in NaT(WO4)2, T=Bi, Gd, Y, Lu, laser crystals: Assessment with simulated crystal field effects. Optical Materials, 2009, 31, 1096-1100.	3.6	8
125	Synthesis and characterization of coreâ€"shell SiO2@(Er3+,Yb3+):Lu2O3. Optical Materials, 2011, 34, 355-359.	3.6	8
126	Preparation and crystal data of the New Pyrochlores Pb2[M1.5Te0.5]O6.5 (M = Ti, Zr, Sn, Hf). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1986, 537, 213-218.	1.2	7

#	Article	IF	Citations
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145	Yb3+, Er3+, Tm3+ co-doped Î²â€™Gd2(MoO4)3 for high sensitivity luminescence thermometry spanning from 300 to 890 K. Journal of Alloys and Compounds, 2022, , 165180.	5.5	4
146	Rounding of the electrical resistivity near Tc of various high-temperature superconductors. Journal of the Less Common Metals, 1989, 151, 165-170.	0.8	3
147	Influence of preparative conditions on Tc of superconducting Bi2SrCa2Cu2O8. Materials Chemistry and Physics, 1991, 27, 69-76.	4.0	3
148	Crystal-field effects and simulation of the energy level scheme of Nd3+ in magnesium borate MgNd(BO2)5. Journal of Alloys and Compounds, 1998, 275-277, 384-387.	5.5	3
149	Pressure induced structural transformations in catalytically active NH4[Eu(SO4)2] studied by light scattering. Chemical Physics Letters, 2008, 451, 106-110.	2.6	3
150	Hydrothermal trivalent lanthanide doped Lu2O3 nanorods: Evaluation of the influence of the surface in optical emission properties. Optical Materials, 2011, 34, 399-403.	3.6	3
151	(NH4)2Ge7O15: A Microporous Material Containing GeO4 and GeO6 Polyhedra in Nine-Rings. Angewandte Chemie - International Edition, 1998, 37, 129-131.	13.8	3
152	Upconverting Nanoparticles in Aqueous Media: Not a Deadâ€End Road. Avoiding Degradation by Using Hydrophobic Polymer Shells. Small, 2022, 18, e2105652.	10.0	3
153	Characterization of the superconducting Bi2Ca3 â^’ sSrsCu2O8 + x (s = 1, 1.5, 2, 2.5) oxides. Journal of the Less Common Metals, 1989, 150, 285-290.	0.8	2
154	Magnetic characterization of Pr₂BaCuO₅. Journal of Physics Condensed Matter, 2008, 20, 045210.	1.8	2
155	Tunable, continuous-wave near 2-Î¼m laser operation of Tm3+ in NaY(WO4)2 single crystal. , 2009, , .		2
156	Morphology controlled hydrothermal synthesis processes and emission near 2 Âµm of Tm3+-doped Lu2O3nanostructures. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, 2675-2678.	0.8	2
157	Rare-earth-doped wide-bandgap tin-oxide nanocrystals: pumping mechanisms and spectroscopy. , 2018, , .		2
158	Site symmetry and host sensitization-dependence of Eu3+ real-time luminescence in tin dioxide nanoparticles. , 2019, , .		2
159	Enhancement of critical current intensities in single crystals of the LiTi2O4 spinel. Physica C: Superconductivity and Its Applications, 1994, 235-240, 749-750.	1.2	1
160	Growth, Structures, and Evaluation of Laser Properties of LiYb(MoO4)2 Single Crystal.. ChemInform, 2005, 36, no.	0.0	1
161	Upconversion emission in (Ln,Yb):KLu(WO₄)₂ nanocrystals for white light generation. Journal of Physics: Conference Series, 2014, 480, 012005.	0.4	1
162	Spectral and time-resolved analysis of rare earth-doped SnO2 emission. , 2020, , .		1

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163	ROUNDING OF THE ELECTRICAL RESISTIVITY NEAR Tc OF VARIOUS HIGH-TEMPERATURE SUPERCONDUCTORS. , 1989, , 165-170.		0
164	Crystal Field and Magnetic Properties, Relationship between. , 2001, , 1857-1859.		0
165	Catalytic Behavior of Rare-Earth Sulfates: Applications in Organic Hydrogenation and Oxidation Reactions.. ChemInform, 2004, 35, no.	0.0	0
166	Preparation and Optical Characterization of Yb3Sb5O12: Discussion of Its Suitability for Laser Operation.. ChemInform, 2005, 36, no.	0.0	0
167	New rare-earth MOFs: through polyhedral diversity to multifunctional properties. Acta Crystallographica Section A: Foundations and Advances, 2006, 62, s285-s285.	0.3	0
168	Efficient and tunable laser operation of the disordered crystal Yb:LiGd(MoO<inf>4</inf>)<inf>2</inf> near 1 μm. , 2006, , .		0
169	Z-scan measurements of nonlinear refractive indices of NaT(XO 4) 2 T= Y, La, Gd, Lu and Bi, X= Mo, W, femtosecond laser crystals. Proceedings of SPIE, 2008, , .	0.8	0
170	Continuous-wave and mode-locked operation of diode-pumped Yb-NaY(WO⁴) 2. Proceedings of SPIE, 2008, , .	0.8	0
171	Recent advances in the development of scheelite-like MT 1-x Ln x (WO 4) 2 lasers. Proceedings of SPIE, 2010, , .	0.8	0
172	Tm-doped disordered molybdate crystals for ultrashort mode-locked solid state lasers. Proceedings of SPIE, 2011, , .	0.8	0
173	Femtosecond Tm-Ho codoped double tungstate lasers around 2060 nm. , 2011, , .		0
174	Structurally Disordered Er3+-Doped NaY(WO4)2 as a Gain Medium for Resonantly-Pumped Eye-Safe Laser at ~1.6 Î¼m. , 2012, , .		0
175	One-channelled nanoporous polymers with sorption and chiral recognition properties. Acta Crystallographica Section A: Foundations and Advances, 2004, 60, s290-s290.	0.3	0
176	Nonlinear refractive indices in disordered NaT(XO4)2 T = Y, La, Gd, Lu and Bi, X = Mo, W laser crystals. , 2008, , .		0
177	Dimensionally-Controlled Hydrothermal Tm3+-doped Oxidic Nanocrystals and Their Photoluminescence Properties. Materials Research Society Symposia Proceedings, 2010, 1247, 1.	0.1	0
178	Laser operation near 2 Î¼m of Tm-doped Li3Lu3Ba2(MoO4)8 single crystal. , 2011, , .		0
179	Structural characterization of Tm:Lu2O3nanocrystals for laser ceramics. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C672-C673.	0.3	0
180	INFLUENCE OF THE a.c. AND d.c. ELECTRICAL CURRENT DENSITY ON THE NORMALâ€“SUPERCONDUCTOR TRANSITION IN HIGH-TEMPERATURE SUPERCONDUCTORS. , 1989, , 77-82.		0