Qingli Zhang

List of Publications by Year
in descending order

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140 papers	2,049 citations	279798 23 h-index	361022 35 g-index
140 all docs	140 docs citations	140 times ranked	1151 citing authors

#	Article	IF	Citations
1	Optical properties of Nd3+ ions doped GdTaO4 for pressure and temperature sensing. Journal of Rare Earths, 2022, 40, 870-877.	4.8	15
2	Electronic structure, optical dispersion and luminescence properties of terbium gallium garnet crystal. CrystEngComm, 2022, 24, 877-885.	2.6	6
3	High-concentration Er³⁺ ion singly doped GaTaO₄ single crystal for promising all-solid-state green laser and solid-state lighting applications. CrystEngComm, 2022, 24, 818-827.	2.6	4
4	Effect of MgO on the structure of SiO₂â€poor/rich MgOâ€CaOâ€SiO₂ melts by in situ high temperature timeâ€gated Raman spectroscopy and theoretical calculation. Journal of Raman Spectroscopy, 2022, 53, 1635-1646.	2.5	2
5	High peak power, high repetition rate electro-optically Q-switched Nd:GdTaO4 1066Ânm laser. Infrared Physics and Technology, 2022, 125, 104266.	2.9	0
6	Ultra-broad absorption band of a Dy³⁺-doped Gd₃Sc₂Al₃O₁₂ garnet crystal at around 450 nm: a potential crystal for InGaN LD-pumped all-solid-state yellow lasers. CrystEngComm, 2021, 23, 5481-5488.	2.6	11
7	Optical pressure and temperature sensing properties of Nd³⁺:YTaO₄. Physical Chemistry Chemical Physics, 2021, 23, 23380-23388.	2.8	4
8	High-power actively Q-switched Ho-doped gadolinium tantalate laser. Optics Express, 2021, 29, 12471.	3.4	9
9	Tunable and Passively Mode-Locking Nd0.01:Gd0.89La0.1NbO4 Picosecond Laser. Molecules, 2021, 26, 3179.	3.8	0
10	Growth, thermal properties and laser performance of Er,Pr:Y2.8Sc1Al4.2O12: a promising multi-wavelength laser crystal. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	3
11	Passively Q-switched Nd:GdNbO4 laser using platinum diselenide under direct pumping. Infrared Physics and Technology, 2021, 115, 103721.	2.9	2
12	Superior performance of a 2â€‰â€‰kHz pulse Nd:YAG laser based on a gradient-doped crystal. Photonics Research, 2021, 9, 1191.	7.0	19
13	The investigations of Dy:YAG and Dy,Tb:YAG as potentially efficient GaN blue LD pumped solid state yellow laser crystals. Journal of Luminescence, 2021, 237, 118174.	3.1	18
14	Single crystal growth and property investigation of Dy³⁺ and Tb³⁺ co-doped Gd₃Sc₂Al₃O₁₂ (GSAG): multiple applications for GaN blue LD pumped all-solid-state yellow lasers and UV or blue light chip excited solid-state lighting. Journal of Materials Chemistry C, 2021, 9, 9532-9538.	5.5	21
15	Growth, spectroscopic, diode-pumped mid-infrared laser properties of Er:GSAG crystal. Journal of Alloys and Compounds, 2020, 814, 152267.	5.5	7
16	Diode end-pumped dual-wavelength Er,Pr:GSAG laser operating at 2696 and 2828â€¯nm. Optics and Laser Technology, 2020, 121, 105811.	4.6	3
17	4F3/2â†’4I9/2 and 4F3/2â†’4I13/2 laser operations with a Nd:GdTaO4 crystal. Optics and Laser Technology, 2020, 131, 106444.	4.6	4
18	Harmonic mode locking underneath the Q-switched envelope in passively Q-switched mode-locked Nd:GdTaO4 1066Ânm laser. Infrared Physics and Technology, 2020, 111, 103553.	2.9	5

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19	Passively Q-Switched Nd:GSAG Laser with a Two-Dimensional MoS2 Saturable Absorber. Journal of Russian Laser Research, 2020, 41, 268-272.	0.6	2
20	Two-dimensional MoS2 passively Q-switched Nd:GdNbO4 laser under direct pumping. Infrared Physics and Technology, 2020, 107, 103331.	2.9	5
21	Electronic structure and luminescent properties of undoped and Yb3+, Er3+ co-doped YSGG single crystals. Journal of Luminescence, 2020, 224, 117322.	3.1	4
22	A Doubly Q-switched Nd:GdYNbO4 Laser with Acousto-optical Q-switch and Cr4+:YAG Saturable Absorber. Journal of Russian Laser Research, 2020, 41, 72-76.	0.6	0
23	Growth and spectroscopic properties of Yb0.1Gd1.8La0Â·1SiO5 crystal: A promising new laser material for ultrashort laser. Journal of Luminescence, 2020, 224, 117340.	3.1	4
24	Diode-pumped passively Q-switched Nd:GdYTaO4 laser based on two-dimensional WS2 nanosheet. Optics and Laser Technology, 2019, 109, 319-322.	4.6	9
25	Investigation on 1065â€¯nm laser performance with Nd:GdLaNbO4 mixed crystal and molybdenum disulfide. Optics and Laser Technology, 2019, 120, 105715.	4.6	7
26	1 micrometer high-efficient radiation resistant laser crystal: Nd:YSAG. Journal of Luminescence, 2019, 214, 116596.	3.1	12
27	Growth and properties of TSAG and TSLAG magneto-optical crystals with large size. Optical Materials, 2019, 96, 109272.	3.6	19
28	A promising high-efficient radiation resistant laser crystal Nd:GSAG. Infrared Physics and Technology, 2019, 102, 103005.	2.9	2
29	High-repetition-rate passively Q-switched Nd:GdTaO4 1066â€¯nm laser under 879â€¯nm pumping. Infrared Physics and Technology, 2019, 102, 103025.	2.9	6
30	Growth and investigation of Sm3+-doped GLSO crystal for visible laser application. Journal of Luminescence, 2019, 216, 116752.	3.1	6
31	Effects of the gamma-ray irradiation on the structure, spectral and laser damage threshold of Nd:GSAG crystal. Optical Materials, 2019, 95, 109259.	3.6	1
32	Novel CW and actively Q-switched 1066 nm Nd:GdYNbO4 laser under direct pumping. Optik, 2019, 181, 398-403.	2.9	1
33	The optimization of a novel diode-pumped continuous-wave Nd:GdYNbO4 laser. Optik, 2019, 191, 75-79.	2.9	1
34	Enhanced radiation resistant properties of Nd:GSAG laser crystal by co-doping of Cr3+. Journal of Luminescence, 2019, 213, 249-254.	3.1	14
35	A Doubly Q-Switched Nd:GdYTaO4 Laser. Journal of Russian Laser Research, 2019, 40, 188-192.	0.6	4
36	High efficiency diode-pumped continues-wave and passively Q-switched Nd:GSAG laser with a two-dimensional WS2 saturable absorber at 1060â€¯nm. Infrared Physics and Technology, 2019, 97, 371-375.	2.9	5

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37	Diode-pumped two-dimensional MoS2 passively Q-switched Nd:GdYNbO4 laser. Infrared Physics and Technology, 2019, 98, 311-314.	2.9	6
38	Two-dimensional WS2 nanosheet based passively Q-switched Nd:GdLaNbO4 laser. Optics and Laser Technology, 2019, 115, 104-108.	4.6	15
39	Sub-15-ns Passively Q-Switched Er:YSGG Laser at <inline-formula> <tex-math notation="LaTeX">$2.8~mu$ </tex-math> </inline-formula>m With Fe:ZnSe Saturable Absorber. IEEE Photonics Technology Letters, 2019, 31, 565-568.	2.5	14
40	Diode-Pumped Acousto-Optically Q-Switched Laser Using a Novel Nd:GdYTaO4 Mixed Crystal. Journal of Russian Laser Research, 2019, 40, 76-79.	0.6	2
41	A modified formula of thermal focal length for lamp pumping Cr, Er:YSGG crystal with high performance 2.79â€Î¼m laser. Optics and Laser Technology, 2019, 115, 398-403.	4.6	9
42	A pulsed Nd:GdYNbO4 laser based on transition metal dichalcogenides WS2 and MoS2. Optics and Laser Technology, 2019, 117, 1-5.	4.6	9
43	Growth, defects, radiation resistant and optical properties of 30â€at% Er:GSAG laser crystal. Journal of Luminescence, 2019, 205, 109-114.	3.1	21
44	Growth and spectroscopic properties of Ho3+ doped GdYTaO4 single crystal. Journal of Luminescence, 2019, 207, 213-219.	3.1	5
45	LD pumped quasi-three-level 928â€nm laser with Nd:Gd0.69Y0.3TaO4 mixed crystal. Optics and Laser Technology, 2019, 111, 222-226.	4.6	0
46	Resonantly pumped high efficiency Ho:GdTaO‹sub›4‹/sub› laser. Optics Express, 2019, 27, 18273.	3.4	9
47	High efficiency single-longitudinal-mode resonantly-pumped Ho:GdTaO‹sub›4‹/sub› laser at 2068nm. Optics Express, 2019, 27, 34204.	3.4	9
48	Two-dimensional Molybdenum Disulfide Passively Q-switched Nd:GdYNbO4 Laser. , 2019, , .		0
49	4F3/2 to 4I9/2 laser operation with a Nd:Gd0.3Ta0.69O4 crystal. , 2019, , .		0
50	Influence of Cr3+ doping on the spectroscopies and laser performance of Cr,Nd:YAG crystal operated at 1.06ÂÎ¼m. Optical Engineering, 2019, 58, 1.	1.0	4
51	Experiment and density functional theory analyses of GdTaO 4 single crystal. Solid State Communications, 2018, 273, 5-10.	1.9	8
52	Growth, structure, and spectroscopic characteristics of a promising yellow laser crystal Dy:GdScO3. Journal of Luminescence, 2018, 201, 176-181.	3.1	45
53	Theoretical and experimental studies of electronic, optical and luminescent properties for Tb-based garnet materials. Journal of Solid State Chemistry, 2018, 263, 123-130.	2.9	15
54	Structure, electronic and optical properties of LaNbO4: An experimental and first-principles study. Solid State Communications, 2018, 277, 7-12.	1.9	10

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55	Czochralski growth and spectral investigations of Er:GSAG laser crystal. Journal of Luminescence, 2018, 199, 60-66.	3.1	16
56	926â€¯nm laser operation in Nd:GdNbO4 crystal based on 4F3/2â€¯â†’â€¯4I9/2 transition. Optics and Laser Technology, 2018, 101, 515-519.	4.6	5
57	Continuous-wave and acousto-optically Q-switched 1066â€¯nm laser performance of a novel Nd:GdTaO4 crystal. Optics and Laser Technology, 2018, 101, 397-400.	4.6	7
58	Experimental and first principle study of the structure, electronic, optical and luminescence properties of M-type GdNbO4 phosphor. Journal of Solid State Chemistry, 2018, 262, 87-93.	2.9	24
59	Tungsten disulfide - graphene oxide as saturable absorber for passively Q-switched mode-locked Nd: GdTaO4 laser at 1066Ânm. Optics Communications, 2018, 406, 76-79.	2.1	21
60	Growth, spectroscopy, and laser performance of a radiation-resistant Cr,Yb,Ho,Pr:GYSGG crystal for 2.84 Âµm mid-infrared laser. Journal of Luminescence, 2018, 194, 636-640.	3.1	13
61	Crystal growth, defects, mechanical, thermal and optical properties of Tb3Sc2Al3O12 magneto-optical crystal. Journal of Crystal Growth, 2018, 483, 110-114.	1.5	15
62	A Novel 1,066 nm Nd:Gd0.69Y0.3NbO4 Passively Q-Switched Pulse-Burst Laser. Journal of Russian Laser Research, 2018, 39, 613-619.	0.6	0
63	Study of growth, defects and thermal and spectroscopic properties of Dy:GdScO₃ and Dy,Tb:GdScO₃ as promising 578 nm laser crystals. CrystEngComm, 2018, 20, 6291-6299.	2.6	44
64	Diode-pumped passively mode-locked Nd:GdYTaO4 laser with SESAM. Laser Physics Letters, 2018, 15, 125801.	1.4	3
65	Experimental and first principle investigation the electronic and optical properties of YNbO4 and LuNbO4 phosphors. Journal of Materials Science: Materials in Electronics, 2018, 29, 11878-11885.	2.2	17
66	Diode-pumped continuous-wave and passively Q-switched Nd:GdLaNbO₄ laser. Optical Materials Express, 2018, 8, 983.	3.0	10
67	Continuous-wave and pulsed 1,066-nm Nd:Gd₀₆₉Y₀₃TaO₄ laser directly pumped by a 879-nm laser diode. Optics Express, 2018, 26, 15705.	3.4	11
68	Investigation on 13 Î¼m laser performance with Nd:Gd069Y03TaO4 and Nd:Gd068Y03NbO4 mixed crystals. Optics Express, 2018, 26, 15785.	3.4	6
69	Rare-Earth Tantalates and Niobates Single Crystals: Promising Scintillators and Laser Materials. Crystals, 2018, 8, 55.	2.2	28
70	Growth, structure and radiation resistant properties of Er,Pr:GSAG laser crystals. Optical Materials, 2018, 84, 172-177.	3.6	8
71	A diode-pumped Cr4+:YAG passively Q-switched Nd:GdTaO4 laser. Optics and Laser Technology, 2018, 108, 202-206.	4.6	6
72	Spectroscopic properties of Nd:Gd0.89La0.1NbO4 mixed laser crystal. Journal of Luminescence, 2018, 201, 65-69.	3.1	7

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73	LD pumped 1347â€¯nm laser with a novel Nd:GdNbO4 crystal. Infrared Physics and Technology, 2018, 94, 32-37.	2.9	3
74	Diode-pumped acousto-optically Q-switched laser with Nd3+ doped GdYNbO4 mixed crystal. Infrared Physics and Technology, 2018, 92, 295-298.	2.9	9
75	Quasi-three-level Nd:GdYNbO₄ 927â€‰nm laser under 879â€‰nm laser diode pumping. Laser Physics, 2018, 28, 085803.	1.2	0
76	Passively Q-switched Laser Performance of Nd0.01:Gd0.89La0.1NbO4 Mixed Crystal. , 2018, , .		0
77	Growth and spectral properties of Pr3+-doped Y3Al5O12 crystal for potential use in all-solidstate visible laser. Materials Research Innovations, 2017, 21, 65-68.	2.3	10
78	Crystal growth, spectral properties and continuous wave laser operation of new mixed Nd:GdYNbO 4 laser crystal. Journal of Alloys and Compounds, 2017, 698, 159-163.	5.5	37
79	Energy-level structure and spectral analysis of Nd 3+ in GdNbO 4 crystal. Optical Materials, 2017, 64, 474-478.	3.6	11
80	Crystal growth, defects, and mechanical and spectral properties of a novel mixed laser crystal Nd:GdYNbO4. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	17
81	Thermal, defects, mechanical and spectral properties of Nd-doped GdNbO4 laser crystal. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	19
82	Growth and characterization of the La3Ga4.85Fe0.15SiO14 piezoelectric single crystal. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	75
83	Continuous-wave and passively Q-switched Nd:GYTO₄ laser. Laser Physics Letters, 2017, 14, 095802.	1.4	12
84	Crystal growth, structure, defects, mechanical and spectral properties of Nd0.01:Gd0.89La0.1NbO4 mixed crystal. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	11
85	Basic Properties of Ndâ€Doped GYSGG Laser Crystal. Crystal Research and Technology, 2017, 52, 1700132.	1.3	4
86	Crystal growth and characterization of a mixed laser crystal: Nd-doped Gd_{0.89}La_{0.1}NbO₄. RSC Advances, 2017, 7, 35666-35671.	3.6	18
87	Growth, structure and spectroscopic properties of 1 at.% Er3+: GdTaO4 laser crystal. Journal of Luminescence, 2017, 192, 555-561.	3.1	18
88	Diode-pumped continuous-wave and passively Q-switched 1066â€‰nm Nd:GYNbO₄ laser. Laser Physics Letters, 2017, 14, 085801.	1.4	22
89	Basic properties of a new Nd-doped laser crystal: Nd:GdNbO4. Frontiers of Optoelectronics, 2017, 10, 111-116.	3.7	0
90	Crystal growth, spectral properties, and continuous wave laser operation of Nd:GdNbO4. Journal of Alloys and Compounds, 2017, 693, 339-343.	5.5	40

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91	Growth and spectroscopic investigations of the 1.5 at.% Er:GSGG laser crystal. Materials Research Express, 2017, 4, 096202.	1.6	11
92	Research on LD Pumped Nd:GdYTaO4 Quasi-three-level 928 nm Laser. , 2017, , .		0
93	Diode-pumped passively Q-switched Ndâ€‰:â€‰GdNbO4 laser with Cr4+â€‰:â€‰YAG saturable absorber. Optical Engineering, 2017, 56, 1.	1.0	7
94	LD pumped Nd:Gd/YTaO4 quasi-three-level 928 nm laser. , 2017, , .		0
95	Spectral analysis and crystal-field fitting of Nd3+ doped in LuTaO4. Journal of Materials Research, 2016, 31, 3255-3261.	2.6	2
96	Structure, spectroscopic properties and laser performance of Nd:YNbO4 at 1066Ânm. Optical Materials, 2016, 62, 7-11.	3.6	23
97	Growth, structure, spectral properties and crystal-field analysis of monoclinic Nd:YNbO 4 single crystal. Physica B: Condensed Matter, 2016, 503, 106-110.	2.7	12
98	Growth, structure, and spectroscopic properties of a Cr³⁺, Tm³⁺, Ho³⁺, and Pr³⁺co-doped LuYAG single crystal for 2.9 Î¼m laser. CrystEngComm, 2016, 18, 5826-5831.	2.6	17
99	Highâ€Temperature Phase Relations in the Lu₂O₃â€“Ta₂O₅ System. Journal of the American Ceramic Society, 2016, 99, 1042-1046.	3.8	5
100	Structure, defects, and spectroscopic properties of a Yb,Ho,Pr:YAP laser crystal. Journal of Alloys and Compounds, 2016, 672, 223-228.	5.5	23
101	Credible evidence for the passivation effect of remnant PbI₂ in CH₃NH₃PbI₃ films in improving the performance of perovskite solar cells. Nanoscale, 2016, 8, 6600-6608.	5.6	86
102	Growth, thermal properties, and LD-pumped 1066 nm laser performance of Nd^3+ doped Gd/YTaO_4 mixed single crystal. Optical Materials Express, 2015, 5, 2536.	3.0	38
103	Passively Q-switched Nd:GdTaO₄laser by graphene oxide saturable absorber. Optical Engineering, 2015, 55, 081305.	1.0	12
104	Performance of continuous-wave laser-diode side-pumped Er:YSGG slab lasers at 2.79ÂÎ¼m. Applied Physics B: Lasers and Optics, 2015, 121, 511-515.	2.2	20
105	Growth, structure, and spectroscopic properties of 5at.% Yb:GdNbO4 laser crystal. Optical Materials, 2015, 42, 56-61.	3.6	13
106	Dual-wavelength self-Q-switched Nd:GYSGG laser. Journal of Modern Optics, 2015, 62, 1655-1659.	1.3	14
107	Comparative study on optical properties of Yb3+ doped LiNbO3: MgO and LiNbO3:ZnO laser crystals. Optics Communications, 2015, 349, 94-97.	2.1	4
108	Growth, structure, chemical etching, and spectroscopic properties of a 2.9Î¼m Tm,Ho:GdYTaO4 laser crystal. Optical Materials, 2015, 48, 80-85.	3.6	14

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109	Spectroscopic properties and laser performance at 1,066Ânm of a new laser crystal Nd:GdTaO4. Applied Physics B: Lasers and Optics, 2015, 118, 549-554.	2.2	61
110	Growth, spectroscopy, and laser performance of a 279â€‰â€‰Î¼m Cr,Er,Pr:GYSGG radiation-resistant crystal. Optics Letters, 2015, 40, 4194.	3.3	31
111	Passively Q-switched mode locking performance of Nd:GdTaO_4 crystal by MoS_2 saturable absorber at 1066â€‰â€‰nm. Applied Optics, 2015, 54, 5829.	2.1	27
112	An approach to achieve significantly faster luminescence decay of thin-film scintillator by surface plasmons. Applied Physics Letters, 2014, 104, 061902.	3.3	4
113	The Local-Field Effect on the Optical Transition: an Experimental Probe Using Eu3+ Diluted in Glass Systems. Journal of the Physical Society of Japan, 2014, 83, 094708.	1.6	1
114	Performances of a diode end-pumped GYSGG/Er,Pr:GYSGG composite laser crystal operated at 279 Î¼m. Optics Express, 2014, 22, 23795.	3.4	23
115	Growth, thermal, and spectroscopic properties of a 2.911 Î¼m Yb,Ho:GdYTaO₄ laser crystal. CrystEngComm, 2014, 16, 11007-11012.	2.6	16
116	Crystal growth, optical and scintillation properties of Nd3+ doped GdTaO4 single crystal. Journal of Crystal Growth, 2014, 406, 31-35.	1.5	22
117	Crystal growth, characterization of NdTaO4: A new promising stoichiometric neodymium laser material. Journal of Crystal Growth, 2014, 388, 83-86.	1.5	20
118	Growth, thermal, and spectroscopic properties of a Cr,Yb,Ho,Eu:YAP laser crystal. Optical Materials, 2014, 36, 1361-1365.	3.6	23
119	A promising high-density scintillator of GdTaO4 single crystal. CrystEngComm, 2014, 16, 2480.	2.6	47
120	The luminescence properties of the high-density phosphor Lu1â^'xNdxTaO4. Journal of Luminescence, 2014, 155, 165-169.	3.1	10
121	Strong upconversion luminescence in LiYMo2O8:Er, Yb towards efficiency enhancement of dye-sensitized solar cells. Optical Materials, 2013, 35, 2338-2342.	3.6	29
122	Structural investigation of Li₂Oâ€“B₂O₃â€“MoO₃glasses and high-temperature solutions: toward understanding the mechanism of flux-induced growth of lithium triborate crystal. CrystEngComm, 2013, 15, 356-364.	2.6	11
123	Diode-pumped continuous-wave quasi-three-level Nd:GYSGG laser at 937nm. Optics Communications, 2013, 294, 229-232.	2.1	8
124	Er3+ doped GYSGG crystal as a new laser material resistant to ionizing radiation. Optics Communications, 2013, 301-302, 84-87.	2.1	35
125	Preparation and luminescence properties of Yb3+ activated Gd2GeO5. Journal of Alloys and Compounds, 2013, 557, 261-264.	5.5	8
126	Efficient Continuous-Wave 1053-nm Nd:GYSGG Laser With Passively Q-Switched Dual-Wavelength Operation for Terahertz Generation. IEEE Journal of Quantum Electronics, 2013, 49, 375-379.	1.9	39

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127	Spectroscopic properties and diode end-pumped 279 Î¼m laser performance of Er,Pr:GYSGG crystal. Optics Express, 2013, 21, 23425.	3.4	83
128	In situ investigation of the microstructure of KGd(WO4)2 crystal growth boundary layer by confocal laser Raman microscopy. CrystEngComm, 2012, 14, 8722.	2.6	2
129	Energy levels fitting and crystal-field calculations of Nd3+ doped in GYSGG crystal. Optics Communications, 2012, 285, 4420-4426.	2.1	21
130	Efficient diode-end-pumped dual-wavelength Nd, Gd:YSGG laser. Optics Letters, 2011, 36, 3813.	3.3	36
131	High temperature Raman spectroscopy study on the microstructure of the boundary layer around a growing LiB3O5 crystal. CrystEngComm, 2011, 13, 5239.	2.6	18
132	Continuous-wave and passively Q-switched laser performance of a disordered Nd:GYSGG crystal. Optics Communications, 2011, 284, 5734-5737.	2.1	23
133	Growth and radiation resistant properties of 2.7â€“2.8Î¼m Yb,Er:GSGG laser crystal. Journal of Crystal Growth, 2011, 318, 669-673.	1.5	37
134	Growth and Luminescence of M-Type ${m GdTaO}_{4}$ and Tb:${m GdTaO}_{4}$ Scintillation Single Crystals. IEEE Transactions on Nuclear Science, 2010, 57, 1287-1290.	2.0	43
135	Sm3+-doped (Ca,Mg,Zr)GGG crystal: A potential reddish-orange laser crystal. Journal of Alloys and Compounds, 2010, 491, 618-622.	5.5	23
136	New-corrected functions of X-ray powder diffraction. Science Bulletin, 2009, 54, 3940-3946.	1.7	0
137	Segregation during crystal growth from melt and absorption cross section determination by optical absorption method. Science in China Series G: Physics, Mechanics and Astronomy, 2008, 51, 481-491.	0.2	13
138	Thermal conductivity of doped YAG and GGG laser crystal. Frontiers of Optoelectronics in China, 2008, 1, 138-141.	0.2	27
139	Co-precipitation synthesis and sintering of nanoscaled Nd:Gd3Ga5O12 polycrystalline material. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2005, 392, 278-281.	5.6	16
140	Concentration distribution of Nd3+ In Nd:Gd3Ga5O12 crystals studied by optical absorption method. Crystal Research and Technology, 2005, 40, 698-702.	1.3	28