

Kui Wu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116
papers

2,761
citations

28
h-index

47
g-index

134
ext. papers

3,380
ext. citations

5.3
avg, IF

5.81
L-index

#	Paper	IF	Citations
116	Unprecedented mid-infrared nonlinear optical materials achieved by crystal structure engineering, a case study of (KX)PS (X = Sb, Bi, Ba).. <i>Chemical Science</i> , 2022 , 13, 2640-2648	9.4	9
115	Pd and octahedra do not get along: Square planar [PdS ₄] units in non-centrosymmetric La ₆ PdSi ₂ S ₁₄ . <i>Journal of Alloys and Compounds</i> , 2022 , 902, 163756	5.7	0
114	Rational combination of multiple structural groups on regulating nonlinear optical property in hexagonal Ln ₃ MGe ₇ polar crystals. <i>Journal of Alloys and Compounds</i> , 2022 , 900, 163535	5.7	0
113	Finding the First Squarates Nonlinear Optical Crystal NaHC ₄ O ₄ ·H ₂ O with Strong Second Harmonic Generation and Giant Birefringence 2022 , 4, 572-576		5
112	Serum Phosphopeptides Profiling for Colorectal Cancer Diagnosis Using Liquid Chromatography-Mass Spectrometry.. <i>Rapid Communications in Mass Spectrometry</i> , 2022 , e9316	2.2	
111	From oxides to oxysulfides: the mixed-anion GeS ₃ O unit induces huge improvement in the nonlinear optical effect and optical anisotropy for potential nonlinear optical materials. <i>RSC Advances</i> , 2022 , 12, 16296-16300	3.7	4
110	Synthesis-enabled exploration of chiral and polar multivalent quaternary sulfides. <i>Chemical Science</i> , 2021 , 12, 14718-14730	9.4	4
109	Unique Unilateral-Chelated Mode-Induced dππ Interaction Enhances Second-Harmonic Generation Response in New Ln ₃ LiMS ₇ Family. <i>Chemistry of Materials</i> , 2021 , 33, 4225-4230	9.6	7
108	Centrosymmetric or Noncentrosymmetric? Transition Metals Talking in KTGeS(T = Co, Fe). <i>Inorganic Chemistry</i> , 2021 , 60, 10603-10613	5.1	7
107	Triclinic Layered AZnSiS (A = Rb and Cs) with Large Optical Anisotropy and Systematic Research on the Inherent Structure-Performance Relationship in the AMMQ Family. <i>Inorganic Chemistry</i> , 2021 , 60, 12573-12579	5.1	2
106	From silicates to oxonitridosilicates: improving optical anisotropy for phase-matching as ultraviolet nonlinear optical materials. <i>Chemical Communications</i> , 2021 , 57, 639-642	5.8	10
105	From thiophosphate to chalcogenide: mixed-anion AgSCl ligands concurrently enhancing nonlinear optical effects and laser-damage threshold. <i>Chemical Communications</i> , 2021 , 57, 8218-8221	5.8	1
104	Revisiting thiophosphate PbPS: a multifunctional material combining a nonlinear optical response and photocurrent response. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 23696-23702	3.6	4
103	Na ₄ SnS ₄ and Na ₄ SnSe ₄ exhibiting multifunctional physicochemical performances as potential infrared nonlinear optical crystals and sodium ion conductors. <i>New Journal of Chemistry</i> , 2021 , 45, 12362-12366	2.6	3
102	Noncentrosymmetric Tetrel Pnictides RuSi ₄ P ₄ and IrSi ₃ P ₃ : Nonlinear Optical Materials with Outstanding Laser Damage Threshold. <i>Advanced Functional Materials</i> , 2021 , 31, 2010293	15.6	11
101	A review of the structural diversity of [P x S y] n motifs and their potential application prospects in metal thiophosphates. <i>Journal Physics D: Applied Physics</i> , 2021 , 54, 463002	3	3
100	Synthesis, crystal structure, linear and nonlinear optical properties of quaternary sulfides Ba ₆ (Cu ₂ X)Ge ₄ S ₁₆ (X=Mg, Mn, Cd). <i>Journal of Solid State Chemistry</i> , 2021 , 300, 122226	3.3	1

99	A series of MPS (M = Ag, Cu and Ag/Cu) thiophosphates with diamond-like structures exhibiting large second harmonic generation responses and moderate ion conductivities. <i>Dalton Transactions</i> , 2021 , 50, 4129-4132	4.3	7
98	Broadening of the Fluorescence Spectra of Sesquioxide Crystals for Ultrafast Lasers. <i>Crystal Growth and Design</i> , 2020 , 20, 4678-4685	3.5	8
97	Platinum(II) Terpyridine Anticancer Complexes Possessing Multiple Mode of DNA Interaction and EGFR Inhibiting Activity. <i>Frontiers in Chemistry</i> , 2020 , 8, 210	5	16
96	A review on phase transition and structure-performance relationship of second-order nonlinear optical polymorphs. <i>Coordination Chemistry Reviews</i> , 2020 , 418, 213380	23.2	40
95	Coordinated regulation on critical physiochemical performances activated from mixed tetrahedral anionic ligands in new series of SrAMS (A = Ag, Cu; M = Ge, Sn) nonlinear optical materials. <i>Dalton Transactions</i> , 2020 , 49, 3388-3392	4.3	9
94	Infrared Nonlinear Optical Polymorphs Band $\text{SrCu}_2\text{SnS}_4$ Exhibiting Large Second Harmonic Generation Responses with Requisite Phase-Matching Behavior. <i>Chemistry of Materials</i> , 2020 , 32, 1281-1287	9.6	27
93	One-Dimensional Double Chains in Sodium-Based Quaternary Chalcogenides Displaying Intriguing Red Emission and Large Optical Anisotropy. <i>Inorganic Chemistry</i> , 2020 , 59, 2519-2526	5.1	6
92	A new family of quaternary thiosilicates SrA_2SiS_4 (A = Li, Na, Cu) as promising infrared nonlinear optical crystals. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 1762-1767	7.1	20
91	ToF-SIMS analysis of chemical composition of atmospheric aerosols in Beijing. <i>Surface and Interface Analysis</i> , 2020 , 52, 272-282	1.5	0
90	First-Principles High-Throughput Screening Pipeline for Nonlinear Optical Materials: Application to Borates. <i>Chemistry of Materials</i> , 2020 , 32, 6772-6779	9.6	29
89	Finding Optimal Mid-Infrared Nonlinear Optical Materials in Germanates by First-Principles High-Throughput Screening and Experimental Verification. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 45023-45035	9.5	19
88	LiBaMQ (M = Al, Ga, In; Q = S, Se): A Series of Metal Chalcogenides with a Structural Transition. <i>Inorganic Chemistry</i> , 2019 , 58, 12859-12866	5.1	4
87	Proteomic Strategy for Identification of Proteins Responding to Cisplatin-Damaged DNA. <i>Analytical Chemistry</i> , 2019 , 91, 6035-6042	7.8	7
86	$[\text{GeS}(\text{S})]$, A NLO-Active Unit Leading to an Asymmetric Structure Discovered in $\text{LiCsGeS}(\text{S})\text{Cl}$: An Experimental and Theoretical study. <i>Chemistry - A European Journal</i> , 2019 , 25, 5440-5444	4.8	3
85	ABaSbQ (A = Li, Na; Q = S, Se): diverse arrangement modes of isolated SbQ ligands regulating the magnitudes of birefringences. <i>Chemical Communications</i> , 2019 , 55, 5143-5146	5.8	23
84	ASrMS (A = Li, Na; M = Ge, Sn) concurrently exhibiting wide bandgaps and good nonlinear optical responses as new potential infrared nonlinear optical materials. <i>Chemical Science</i> , 2019 , 10, 3963-3968	9.4	52
83	Prediction and Characterization of NaGaS, A High Thermal Conductivity Mid-Infrared Nonlinear Optical Material for High-Power Laser Frequency Conversion. <i>Inorganic Chemistry</i> , 2019 , 58, 93-98	5.1	19
82	BaSiP: 1D Nonlinear Optical Material with Thermal Barrier Chains. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11976-11983	16.4	40

81	Mass spectrometric quantification of the binding ratio of metal-based anticancer complexes with protein thiols. <i>Rapid Communications in Mass Spectrometry</i> , 2019 , 33, 951-958	2.2	2
80	LiZnGeS: a promising diamond-like infrared nonlinear optical material with high laser damage threshold and outstanding second-harmonic generation response. <i>Dalton Transactions</i> , 2019 , 48, 4484-4488	4.3	25
79	Ba(BSS)S: a new thioborate with unprecedented [BS-S] and [S] fundamental building blocks. <i>Chemical Communications</i> , 2019 , 55, 14793-14796	5.8	5
78	A review on the development of infrared nonlinear optical materials with triangular anionic groups. <i>Journal of Solid State Chemistry</i> , 2019 , 271, 266-272	3.3	18
77	Effect of Element Substitution on Structural Transformation and Optical Performances in IBaMQ (I = Li, Na, Cu, and Ag; M = Si, Ge, and Sn; Q = S and Se). <i>Inorganic Chemistry</i> , 2018 , 57, 3434-3442	5.1	39
76	Na ₆ Zn ₃ M ^{III} 2Q ₉ (M ^{III} = Ga, In; Q = S, Se): four new supertetrahedron-layered chalcogenides with unprecedented vertex-sharing T ₃ -clusters and desirable photoluminescence performances. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 1415-1422	6.8	19
75	Four new quaternary chalcogenides A ₂ Ba ₇ Sn ₄ Q ₁₆ (A = Li, Na; Q = S, Se): syntheses, crystal structures determination, nonlinear optical performances investigation. <i>New Journal of Chemistry</i> , 2018 , 42, 3350-3355	3.6	16
74	Oxyhalides: prospecting ore for optical functional materials with large laser damage thresholds. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 2435-2442	7.1	39
73	Synthesis, Crystal Structures, Optical Properties and Theoretical Calculations of Two Metal Chalcogenides Ba ₂ AlSb ₅ S and Ba ₂ GaBiSe ₅ . <i>Crystals</i> , 2018 , 8, 165	2.3	6
72	Intriguing Structural Transition Inducing Variable Birefringences in ABaMSCl (A = Rb, Cs; M = Ge, Sn). <i>Inorganic Chemistry</i> , 2018 , 57, 11310-11313	5.1	15
71	Binding of Organometallic Ruthenium Anticancer Complexes to DNA: Thermodynamic Base and Sequence Selectivity. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	5
70	NaBaMQ (M = Al, Ga; Q = S, Se): first quaternary chalcogenides with isolated edge-sharing (MQ) dimers. <i>Dalton Transactions</i> , 2018 , 47, 16044-16047	4.3	5
69	A review on structure-performance relationship toward the optimal design of infrared nonlinear optical materials with balanced performances. <i>Coordination Chemistry Reviews</i> , 2018 , 377, 191-208	23.2	131
68	BaB ₂ S ₄ : An Efficient and Air-Stable Thioborate as Infrared Nonlinear Optical Material with High Laser Damage Threshold. <i>Chemistry of Materials</i> , 2018 , 30, 7428-7432	9.6	45
67	Mg ₂ Si ₂ As: An Unexplored System with Promising Nonlinear Optical Properties. <i>Advanced Functional Materials</i> , 2018 , 28, 1801589	15.6	29
66	Remarkable multimember-ring configurations in a new family of NaMSbS (M = Zn, Cd, Hg) exhibiting various three-dimensional tunnel structures. <i>Chemical Communications</i> , 2018 , 54, 8269-8272	5.8	16
65	The first quaternary diamond-like semiconductor with 10-membered LiS rings exhibiting excellent nonlinear optical performances. <i>Chemical Communications</i> , 2017 , 53, 3010-3013	5.8	79
64	NaCdGeQ (Q = S, Se): two metal-mixed chalcogenides with phase-matching abilities and large second-harmonic generation responses. <i>Dalton Transactions</i> , 2017 , 46, 2778-2784	4.3	57

63	Probing the Dynamic Interaction between Damaged DNA and a Cellular Responsive Protein Using a Piezoelectric Mass Biosensor. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 8490-8497	9.5	9
62	Na ₂ ZnSn ₂ S ₆ : A mixed-metal thioostannate with large second-harmonic generation response activated by penta-tetrahedral [ZnSn ₄ S ₁₄] ¹⁰⁻ clusters. <i>Science China Technological Sciences</i> , 2017 , 60, 1465-1472	3.5	7
61	BaCu ₂ MIVQ ₄ (MIV = Si, Ge, and Sn; Q = S, Se): synthesis, crystal structures, optical performances and theoretical calculations. <i>RSC Advances</i> , 2017 , 7, 29378-29385	3.7	37
60	Growth and optical waveguide fabrication in spinel MgGa ₂ O ₄ crystal. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017 , 409, 153-157	1.2	3
59	Correlated mass spectrometry and confocal microscopy imaging verifies the dual-targeting action of an organoruthenium anticancer complex. <i>Chemical Communications</i> , 2017 , 53, 4136-4139	5.8	13
58	In Situ Mass Spectrometric Monitoring of the Dynamic Electrochemical Process at the Electrode-Electrolyte Interface: a SIMS Approach. <i>Analytical Chemistry</i> , 2017 , 89, 960-965	7.8	37
57	New Compressed Chalcopyrite-like LiBaMQ (M = Ge, Sn; Q = S, Se): Promising Infrared Nonlinear Optical Materials. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14885-14888	16.4	151
56	Li ₂ HgMS ₄ (M = Si, Ge, Sn): New Quaternary Diamond-Like Semiconductors for Infrared Laser Frequency Conversion. <i>Crystals</i> , 2017 , 7, 107	2.3	33
55	Multi-Targeted Anticancer Agents. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 3084-3098	3	48
54	Synthesis and characterization of two lead-containing metal chalcogenides: Ba ₅ Pb ₂ Sn ₃ S ₁₃ and Ba ₆ PbSn ₃ Se ₁₃ . <i>Journal of Solid State Chemistry</i> , 2017 , 255, 133-138	3.3	5
53	NaSiSO: the first example of a sulfide silicate exhibiting unusual tri-polymerized [SiSO] units without S-O bonds. <i>Dalton Transactions</i> , 2017 , 46, 13356-13359	4.3	4
52	Evaluation of serum phosphopeptides as potential biomarkers of gastric cancer. <i>RSC Advances</i> , 2017 , 7, 21630-21637	3.7	6
51	Identification of binding sites of cisplatin to human copper chaperone protein Cox17 by high-resolution FT-ICR-MS. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30 Suppl 1, 168-72	2.2	5
50	Na ₂ BaMQ ₄ (M=Ge, Sn; Q=S, Se): Infrared Nonlinear Optical Materials with Excellent Performances and that Undergo Structural Transformations. <i>Angewandte Chemie</i> , 2016 , 128, 6825-6827	3.6	41
49	A High Laser Damage Threshold and a Good Second-Harmonic Generation Response in a New Infrared NLO Material: LiSm ₃ Si ₅ S ₇ . <i>Crystals</i> , 2016 , 6, 121	2.3	16
48	Na ₂ BaMQ ₄ (M=Ge, Sn; Q=S, Se): Infrared Nonlinear Optical Materials with Excellent Performances and that Undergo Structural Transformations. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6713-5	16.4	144
47	A comparative study on the interactions of human copper chaperone Cox17 with anticancer organoruthenium(II) complexes and cisplatin by mass spectrometry. <i>Journal of Inorganic Biochemistry</i> , 2016 , 161, 99-106	4.2	3
46	Na ₂ ZnGe ₂ S ₆ : A New Infrared Nonlinear Optical Material with Good Balance between Large Second-Harmonic Generation Response and High Laser Damage Threshold. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7422-8	16.4	205

45	BaCdSnS ₄ and Ba ₃ CdSn ₂ S ₈ : syntheses, structures, and non-linear optical and photoluminescence properties. <i>Dalton Transactions</i> , 2016 , 45, 10681-8	4.3	56
44	Na ₂ Hg ₃ M ₂ S ₈ (M = Si, Ge, and Sn): New Infrared Nonlinear Optical Materials with Strong Second Harmonic Generation Effects and High Laser-Damage Thresholds. <i>Chemistry of Materials</i> , 2016 , 28, 2795-2801	9.6	119
43	Synthesis, Characterization, and in Vitro Antitumor Activity of Ruthenium(II) Polypyridyl Complexes Tethering EGFR-Inhibiting 4-Anilinoquinazolines. <i>Inorganic Chemistry</i> , 2016 , 55, 4595-605	5.1	35
42	Rational design of multi-targeting ruthenium- and platinum-based anticancer complexes. <i>Science China Chemistry</i> , 2016 , 59, 1240-1249	7.9	13
41	K ₅ Ba ₁₀ (BO ₃) ₈ F: A New Potassium Barium Borate Fluoride with a Perovskite-Like Structure. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 18763-18770	3.8	30
40	Quantification of bindings of organometallic ruthenium complexes to GST by mass spectrometry. <i>Journal of Inorganic Biochemistry</i> , 2015 , 146, 44-51	4.2	8
39	Linear optical and thermo-physical properties of polar K ₃ B ₆ O ₁₀ Cl crystal. <i>Journal of Materials</i> , 2015 , 1, 221-228	6.7	15
38	Synthesis and characterization of mid-infrared transparency compounds: acentric BaHgS ₂ and centric Ba ₈ Hg ₄ S ₅ Se ₇ . <i>Inorganic Chemistry</i> , 2015 , 54, 2772-9	5.1	41
37	Efficient passively Q-switched miniature Yb:Lu ₃ Ga ₅ O ₁₂ crystal laser. <i>Optics Communications</i> , 2015 , 349, 15-18	2	4
36	Ba ₂ GeS ₄ and Mg ₂ SnS ₄ : synthesis, structures, optical properties and electronic structures. <i>RSC Advances</i> , 2015 , 5, 33646-33652	3.7	24
35	Discovery of a dual-targeting organometallic ruthenium complex with high activity inducing early stage apoptosis of cancer cells. <i>Metallomics</i> , 2015 , 7, 1573-83	4.5	27
34	Third-order nonlinearity and passive Q-switching of Cr ³⁺ :YGG garnet crystal. <i>Optics Letters</i> , 2015 , 40, 2421-4	3	6
33	Synthesis, structures, and properties of two magnesium silicate fluorides Mg ₅ (SiO ₄) ₂ F ₂ and Mg ₃ SiO ₄ F ₂ . <i>New Journal of Chemistry</i> , 2015 , 39, 8866-8873	3.6	9
32	Na ₄ MgM ₂ Se ₆ (M = Si, Ge): The First Noncentrosymmetric Compounds with Special Ethane-like [M ₂ Se ₆] ⁶⁻ Units Exhibiting Large Laser-Damage Thresholds. <i>Inorganic Chemistry</i> , 2015 , 54, 10108-10	5.1	44
31	An investigation of new infrared nonlinear optical material: BaCdSnSe ₄ , and three new related centrosymmetric compounds: Ba ₂ SnSe ₄ , Mg ₂ GeSe ₄ , and Ba ₂ Ge ₂ S ₆ . <i>Dalton Transactions</i> , 2015 , 44, 19856-64	4.3	50
30	Na ₃ Ba ₂ (B ₃ O ₆) ₂ F: Next Generation of Deep-Ultraviolet Birefringent Materials. <i>Crystal Growth and Design</i> , 2015 , 15, 523-529	3.5	125
29	Synthesis, structures, optical properties and electronic structures of PbGa ₂ Q ₄ (Q = S, Se) crystals. <i>Journal of Molecular Structure</i> , 2015 , 1082, 174-179	3.4	7
28	Ba ₂ In ₂ Q ₅ (Q = S, Se): Synthesis, Crystal Structures, Electronic Structures, and Optical Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 1329-1333	1.3	6

27	New type of complex alkali and alkaline earth metal borates with isolated (B ₁₂ O ₂₄) ¹²⁻ anionic group. <i>Dalton Transactions</i> , 2014 , 43, 4886-91	4.3	26
26	Efficient eye-safe neodymium doped composite yttrium gallium garnet crystal laser. <i>Optics Letters</i> , 2014 , 39, 1341-4	3	10
25	Synthesis and characterization of a new aluminophosphate with a Al ₃ P ₆ O ₂₄ ⁹⁻ three-dimensional framework. <i>New Journal of Chemistry</i> , 2014 , 38, 889-892	3.6	6
24	Evaluation of serum phosphopeptides as potential cancer biomarkers by mass spectrometric absolute quantification. <i>Talanta</i> , 2014 , 125, 411-7	6.2	19
23	Evaluation of growth, thermal and spectroscopic properties of Yb ³⁺ -doped GSGG crystals for use in ultrashort pulsed and tunable lasers. <i>Optical Materials Express</i> , 2014 , 4, 1953	2.6	4
22	Growth, thermal and spectral properties of Nd ³⁺ :Ba ₃ Gd ₂ (BO ₃) ₄ single crystal. <i>Optical Materials</i> , 2014 , 36, 2044-2048	3.3	4
21	Competitive binding sites of a ruthenium arene anticancer complex on oligonucleotides studied by mass spectrometry: ladder-sequencing versus top-down. <i>Journal of the American Society for Mass Spectrometry</i> , 2013 , 24, 410-20	3.5	26
20	. <i>IEEE Photonics Technology Letters</i> , 2013 , 25, 2078-2080	2.2	7
19	Thermal, spectroscopic and laser properties of Nd ³⁺ in gadolinium scandium gallium garnet crystal produced by optical floating zone method. <i>Optical Materials</i> , 2013 , 36, 521-528	3.3	10
18	Thymines in single-stranded oligonucleotides and G-quadruplex DNA are competitive with guanines for binding to an organoruthenium anticancer complex. <i>Inorganic Chemistry</i> , 2013 , 52, 11332-42	5.1	25
17	Highly efficient Q-switched laser operation of Yb:Y ₃ Ga ₅ O ₁₂ garnet crystal. <i>Optics Express</i> , 2013 , 21, 2624-31	4.3	16
16	Spectral and lasing investigations of Yb:YSGG crystal. <i>Optics Express</i> , 2013 , 21, 16305-10	3.3	14
15	Generation of 2.6-mJ 400-kW pulses from a compact Yb:Gd ₃ Ga ₅ O ₁₂ laser repetitively Q-switched by an acousto-optic modulator. <i>Optics Express</i> , 2013 , 21, 26605-11	3.3	11
14	Composition characterization in YSGG garnet single crystals for ytterbium laser. <i>Optical Materials Express</i> , 2013 , 3, 1408	2.6	6
13	Passive Q-switching laser performance of Yb:Gd ₃ Ga ₅ O ₁₂ garnet crystal. <i>Applied Optics</i> , 2013 , 52, 4329-387	3.3	8
12	Laser performance of ytterbium-doped gallium garnets: Yb:Re ₃ Ga ₅ O ₁₂ (Re = Y, Gd, Lu). <i>Optical Materials Express</i> , 2013 , 3, 920	2.6	11
11	Efficient laser operation of Yb:Lu ₃ Ga ₅ O ₁₂ garnet crystal. <i>Optics Letters</i> , 2012 , 37, 2388-90	3	15
10	Mechanism of interstrand migration of organoruthenium anticancer complexes within a DNA duplex. <i>Metallomics</i> , 2012 , 4, 139-48	4.5	17

9	Lu ₃ Ga ₅ O ₁₂ crystal: exploration of new laser host material for the ytterbium ion. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012 , 29, 2320	1.7	23
8	Spectroscopy and laser performance of Nd:Lu ₂ O ₃ crystal. <i>Optics Express</i> , 2011 , 19, 17774-9	3.3	30
7	Nd:YGG crystal laser at 1110 nm: a potential source for detecting carbon monoxide poisoning. <i>Optics Letters</i> , 2011 , 36, 1281-3	3	20
6	Growth and characterization of Nd:Lu ₃ Sc _x Ga _{5-x} O ₁₂ series laser crystals. <i>Optics Communications</i> , 2011 , 284, 5192-5198	2	8
5	Efficient triwavelength laser with a Nd:YGG garnet crystal. <i>Optics Letters</i> , 2010 , 35, 1801-3	3	25
4	Growth and Characteristics of Yb-doped $\text{Y}_3\text{Ga}_5\text{O}_{12}$ Laser Crystal. <i>IEEE Journal of Quantum Electronics</i> , 2010 , 46, 1689-1695	2	27
3	Crystal growth and laser performance of neodymium-doped scandium orthovanadate. <i>Journal of Crystal Growth</i> , 2010 , 312, 720-723	1.6	10
2	Growth and properties of Nd:Lu ₃ Ga ₅ O ₁₂ laser crystal by floating-zone method. <i>Journal of Crystal Growth</i> , 2010 , 312, 3631-3636	1.6	10
1	Diode-pumped passively mode-locked Yb:Y ₃ Ga ₅ O ₁₂ laser. <i>Optics Letters</i> , 2009 , 34, 3316-8	3	26