

Kui Wu

List of Publications by Year in descending order

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125
papers

3,941
citations

126708

33
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149479

56
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134
all docs

134
docs citations

134
times ranked

1935
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 7422-7428.	6.6	259
2	New Compressed Chalcopyrite-like Li ₂ BaM ^{IV} Q ₄ (M ^{IV} = Tl, Pb, Bi, Sb, As, Sn, Te, Se, S, Te, Se, S) <i>Journal of the American Chemical Society</i> , 2017, 139, 14885-14888.	6.6	201
3	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.	9.5	193
4	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, 6713-6715.	7.2	172
5	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.	1.4	159
6	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.	3.2	156
7	The first quaternary diamond-like semiconductor with 10-membered LiS ₄ rings exhibiting excellent nonlinear optical performances. <i>Chemical Communications</i> , 2017, 53, 3010-3013.	2.2	96
8	BaCdSnS ₄ and Ba ₃ CdSn ₂ S ₈ : syntheses, structures, and non-linear optical and photoluminescence properties. <i>Dalton Transactions</i> , 2016, 45, 10681-10688.	1.6	72
9	Multi-Targeted Anticancer Agents. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 3084-3098.	1.0	71
10	Na ₂ CdGe ₂ Q ₆ (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.	1.6	69
11	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, 19856-19864.	1.6	67
12	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.	3.2	67
13	A review on phase transition and structure-performance relationship of second-order nonlinear optical polymorphs. <i>Coordination Chemistry Reviews</i> , 2020, 418, 213380.	9.5	67
14	Ba ₂ Si ₃ P ₆ : 1D Nonlinear Optical Material with Thermal Barrier Chains. <i>Journal of the American Chemical Society</i> , 2019, 141, 11976-11983.	6.6	66
15	A ₂ SrM ^{IV} S ₄ (A = Li, Na; M ^{IV} = 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.	3.7	64
16	First-Principles High-Throughput Screening Pipeline for Nonlinear Optical Materials: Application to Borates. <i>Chemistry of Materials</i> , 2020, 32, 6772-6779.	3.2	59
17	Oxyhalides: prospecting ore for optical functional materials with large laser damage thresholds. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2435-2442.	2.7	56
18	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, 10108-10110.	1.9	54

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19	Li ₂ HgMS ₄ (M = Si, Ge, Sn): New Quaternary Diamond-Like Semiconductors for Infrared Laser Frequency Conversion. <i>Crystals</i> , 2017, 7, 107.	1.0	51
20	Effect of Element Substitution on Structural Transformation and Optical Performances in $\text{Li}_{2-x}\text{BaM}_{x-2}\text{IV}_2\text{Q}_4$ (x = Li, Na, Cu, and Ag; $\text{M}_{x-2}\text{IV}_2\text{Q}_4 = \text{Tj ETQ}_{1-x} \text{O}_{10} \text{rg}_{x-1}$) / Overl	1.0	51
21	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.	1.7	48
22	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, 2772-2779.	1.9	47
23	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.	3.2	47
24	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.	4.0	46
25	Synthesis, Characterization, and in Vitro Antitumor Activity of Ruthenium(II) Polypyridyl Complexes Tethering EGFR-Inhibiting 4-Anilinoquinazolines. <i>Inorganic Chemistry</i> , 2016, 55, 4595-4605.	1.9	44
26	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.	1.6	42
27	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.	1.5	38
28	Mg _{1-x} Si _x As: An Unexplored System with Promising Nonlinear Optical Properties. <i>Advanced Functional Materials</i> , 2018, 28, 1801589.	7.8	38
29	Discovery of a dual-targeting organometallic ruthenium complex with high activity inducing early stage apoptosis of cancer cells. <i>Metallomics</i> , 2015, 7, 1573-1583.	1.0	36
30	Spectroscopy and laser performance of Nd:Lu ₂ O ₃ crystal. <i>Optics Express</i> , 2011, 19, 17774.	1.7	35
31	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.	1.4	34
32	A new family of quaternary thiosilicates SrA ₂ SiS ₄ (A = Li, Na, Cu) as promising infrared nonlinear optical crystals. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1762-1767.	2.7	34
33	Infrared Nonlinear Optical Polymorphs $\hat{1}^-$ and $\hat{1}^2$ -SrCu ₂ SnS ₄ Exhibiting Large Second Harmonic Generation Responses with Requisite Phase-Matching Behavior. <i>Chemistry of Materials</i> , 2020, 32, 1281-1287.	3.2	34
34	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.	1.0	33
35	ABaSbQ ₃ (A = Li, Na; Q = S, Se): diverse arrangement modes of isolated SbQ ₃ ligands regulating the magnitudes of birefringences. <i>Chemical Communications</i> , 2019, 55, 5143-5146.	2.2	33
36	Li ₂ ZnGeS ₄ : 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.	1.6	33

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37	Platinum(II) Terpyridine Anticancer Complexes Possessing Multiple Mode of DNA Interaction and EGFR Inhibiting Activity. <i>Frontiers in Chemistry</i> , 2020, 8, 210.	1.8	33
38	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, 410-420.	1.2	32
39	From silicates to oxonitridosilicates: improving optical anisotropy for phase-matching as ultraviolet nonlinear optical materials. <i>Chemical Communications</i> , 2021, 57, 639-642.	2.2	32
40	Ba ₂ GeS ₄ and Mg ₂ SnS ₄ : synthesis, structures, optical properties and electronic structures. <i>RSC Advances</i> , 2015, 5, 33646-33652.	1.7	31
41	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.	0.9	30
42	Prediction and Characterization of NaGaS ₂ , A High Thermal Conductivity Mid-Infrared Nonlinear Optical Material for High-Power Laser Frequency Conversion. <i>Inorganic Chemistry</i> , 2019, 58, 93-98.	1.9	30
43	Efficient triwavelength laser with a Nd:YGG garnet crystal. <i>Optics Letters</i> , 2010, 35, 1801.	1.7	29
44	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.	1.6	29
45	Unprecedented mid-infrared nonlinear optical materials achieved by crystal structure engineering, a case study of (KX) ₂ S ₆ (X = Sb, Bi, Ba). <i>Chemical Science</i> , 2022, 13, 2640-2648.	3.7	28
46	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, 11332-11342.	1.9	27
47	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.	7.8	27
48	Diode-pumped passively mode-locked Yb:Y ₃ Ga ₅ O ₁₂ laser. <i>Optics Letters</i> , 2009, 34, 3316.	1.7	26
49	Na ₆ Zn ₃ MII ₂ Q 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.	3.0	26
50	Intriguing Structural Transition Inducing Variable Birefringences in ABa ₂ MS ₄ Cl (A = Rb, Cs; M = Ge, Tl) <small>BT / Overlock 10 Tf 5</small>	1.9	26
51	Unique Unilateral-Chelated Mode-Induced π - π^* Interaction Enhances Second-Harmonic Generation Response in New Ln ₃ LiMS ₇ Family. <i>Chemistry of Materials</i> , 2021, 33, 4225-4230.	3.2	25
52	Nd:YGG crystal laser at 1110 nm: a potential source for detecting carbon monoxide poisoning. <i>Optics Letters</i> , 2011, 36, 1281.	1.7	24
53	Evaluation of serum phosphopeptides as potential cancer biomarkers by mass spectrometric absolute quantification. <i>Talanta</i> , 2014, 125, 411-417.	2.9	22
54	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.	2.2	21

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55	Remarkable multimember-ring configurations in a new family of Na ₇ MIIISb ₅ S ₁₂ (MII = Zn, Cd, Hg) exhibiting various three-dimensional tunnel structures. <i>Chemical Communications</i> , 2018, 54, 8269-8272.	2.2	21
56	Coordinated regulation on critical physiochemical performances activated from mixed tetrahedral anionic ligands in new series of Sr ₆ A ₄ M ₄ S ₁₆ (A = Ag, Cu; M = Ge, Sn) nonlinear optical materials. <i>Dalton Transactions</i> , 2020, 49, 3388-3392.	1.6	21
57	A High Laser Damage Threshold and a Good Second-Harmonic Generation Response in a New Infrared NLO Material: LiSm ₃ Si ₇ . <i>Crystals</i> , 2016, 6, 121.	1.0	20
58	Broadening of the Fluorescence Spectra of Sesquioxide Crystals for Ultrafast Lasers. <i>Crystal Growth and Design</i> , 2020, 20, 4678-4685.	1.4	20
59	Mechanism of interstrand migration of organoruthenium anticancer complexes within a DNA duplex. <i>Metallomics</i> , 2012, 4, 139.	1.0	19
60	Linear optical and thermo-physical properties of polar K ₃ B ₆ O ₁₀ Cl crystal. <i>Journal of Materiomics</i> , 2015, 1, 221-228.	2.8	19
61	Four new quaternary chalcogenides A ₂ B ₇ Sn ₄ Q ₁₆ (A) Tj ETQq1 1 0.784314 rgB // investigation. <i>New Journal of Chemistry</i> , 2018, 42, 3350-3355.	1.4	19
62	A ₂ P ₂ S ₆ (A = Ba and Pb): a good platform to study the polymorph effect and lone pair effect to form an acentric structure. <i>Dalton Transactions</i> , 2022, 51, 4522-4531.	1.6	19
63	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.		19
64	Organic-Inorganic Hybrid Noncentrosymmetric (Morpholinium) ₂ Cd ₂ Cl ₆ Single Crystals: Synthesis, Nonlinear Optical Properties, and Stability. <i>Inorganic Chemistry</i> , 2022, 61, 8076-8082.	1.9	18
65	Efficient laser operation of Yb:Lu ₃ Ga ₅ O ₁₂ garnet crystal. <i>Optics Letters</i> , 2012, 37, 2388.	1.7	17
66	A series of M ₃ PS ₄ (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.	1.6	17
67	Highly efficient Q-switched laser operation of Yb:Y ₃ Ga ₅ O ₁₂ garnet crystal. <i>Optics Express</i> , 2013, 21, 2624.	1.7	16
68	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.	1.6	16
69	Ba ₄ (BS ₃ S) ₂ S ₄ : a new thioborate with unprecedented [BS ₃ -S] and [S ₄] fundamental building blocks. <i>Chemical Communications</i> , 2019, 55, 14793-14796.	2.2	16
70	Centrosymmetric or Noncentrosymmetric? Transition Metals Talking in K ₂ TGe ₃ S ₈ (T = Co, Fe). <i>Inorganic Chemistry</i> , 2021, 60, 10603-10613.	1.9	16
71	Synthesis-enabled exploration of chiral and polar multivalent quaternary sulfides. <i>Chemical Science</i> , 2021, 12, 14718-14730.	3.7	16
72	Spectral and lasing investigations of Yb:YSGG crystal. <i>Optics Express</i> , 2013, 21, 16305.	1.7	15

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73	Revisiting thiophosphate $\text{Pb}_3\text{P}_2\text{S}_8$: a multifunctional material combining a nonlinear optical response and photocurrent response. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 23696-23702.	1.3	15
74	Rational design of multi-targeting ruthenium- and platinum-based anticancer complexes. <i>Science China Chemistry</i> , 2016, 59, 1240-1249.	4.2	14
75	Proteomic Strategy for Identification of Proteins Responding to Cisplatin-Damaged DNA. <i>Analytical Chemistry</i> , 2019, 91, 6035-6042.	3.2	14
76	AgGaSe_2 -Inspired Nonlinear Optical Materials: Tetrel Selenides of Alkali Metals and Mercury. <i>Chemistry of Materials</i> , 2022, 34, 5991-5998.	3.2	14
77	Growth and properties of $\text{Nd:Lu}_3\text{Ga}_5\text{O}_{12}$ laser crystal by floating-zone method. <i>Journal of Crystal Growth</i> , 2010, 312, 3631-3636.	0.7	13
78	Generation of 26-mJ 400-kW pulses from a compact $\text{Yb:Gd}_3\text{Ga}_5\text{O}_{12}$ laser repetitively Q-switched by an acousto-optic modulator. <i>Optics Express</i> , 2013, 21, 26605.	1.7	13
79	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.	4.0	13
80	Na_4Sn_4 and Na_4SnSe_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.	1.4	13
81	Synthesis, crystal structure, linear and nonlinear optical properties of quaternary sulfides $\text{Ba}_6(\text{Cu}_2\text{X})\text{Ge}_4\text{S}_{16}$ (X=Mg, Mn, Cd). <i>Journal of Solid State Chemistry</i> , 2021, 300, 122226.	1.4	13
82	NaBaBS_3 : A Promising Infrared Functional Material with Large Birefringence Induced by π -Conjugated $[\text{BS}_3]$ Units. <i>Chemistry of Materials</i> , 2022, 34, 5215-5223.	3.2	13
83	$[\text{Ge}_2\text{S}_5(\text{S}_2)]^{4+}$, A NLO-Active Unit Leading to an Asymmetric Structure Discovered in $\text{Li}_2\text{Cs}_4\text{Ge}_2\text{S}_5(\text{S}_2)\text{Cl}_2$: An Experimental and Theoretical study. <i>Chemistry - A European Journal</i> , 2019, 25, 5440-5444.	1.7	12
84	Crystal growth and laser performance of neodymium-doped scandium orthovanadate. <i>Journal of Crystal Growth</i> , 2010, 312, 720-723.	0.7	11
85	Growth and characterization of $\text{Nd:Lu}_3\text{Sc}_x\text{Ga}_{5-x}\text{O}_{12}$ series laser crystals. <i>Optics Communications</i> , 2011, 284, 5192-5198.	1.0	11
86	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.	1.7	11
87	Synthesis, structures, and properties of two magnesium silicate fluorides $\text{Mg}_5(\text{SiO}_4)_2\text{F}_2$ and $\text{Mg}_3\text{SiO}_4\text{F}_2$. <i>New Journal of Chemistry</i> , 2015, 39, 8866-8873.	1.4	11
88	Synthesis, structures, optical properties and electronic structures of PbGa_2Q_4 (Q=S, Se) crystals. <i>Journal of Molecular Structure</i> , 2015, 1082, 174-179.	1.8	11
89	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.	1.9	11
90	Efficient eye-safe neodymium doped composite yttrium gallium garnet crystal laser. <i>Optics Letters</i> , 2014, 39, 1341.	1.7	10

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91	Binding of Organometallic Ruthenium Anticancer Complexes to DNA: Thermodynamic Base and Sequence Selectivity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2137.	1.8	10
92	$\text{LiBa}_2\text{M}^{\text{III}}\text{Q}_4$ ($\text{M}^{\text{III}} = \text{Al, Ga, In; Q} = \text{S, Se}$): A Series of Metal Chalcogenides with a Structural Transition. <i>Inorganic Chemistry</i> , 2019, 58, 12859-12866.	1.9	10
93	A review of the structural diversity of $[\text{P}_x\text{S}_y]_n$ motifs and their potential application prospects in metal thiophosphates. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 463002.	1.3	10
94	From oxides to oxysulfides: the mixed-anion GeS_3O 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.	1.7	10
95	Quantification of bindings of organometallic ruthenium complexes to GST π by mass spectrometry. <i>Journal of Inorganic Biochemistry</i> , 2015, 146, 44-51.	1.5	9
96	$\text{Na}_2\text{ZnSn}_2\text{S}_6$: A mixed-metal thioostannate with large second-harmonic generation response activated by penta-tetrahedral $[\text{ZnSn}_4\text{S}_{14}]^{10-}$ clusters. <i>Science China Technological Sciences</i> , 2017, 60, 1465-1472.	2.0	9
97	Applying band gap engineering to tune the linear optical and nonlinear optical properties of noncentrosymmetric chalcogenides $\text{La}_4\text{Ge}_3\text{Se}_x\text{S}_{12-x}$ ($x = 0, 2, 4, 6, 8$). <i>TJ ETQq1 1 0.784314 rgB</i>	3.0	9
98	Evaluation of serum phosphopeptides as potential biomarkers of gastric cancer. <i>RSC Advances</i> , 2017, 7, 21630-21637.	1.7	9
99	Passive Q-switching laser performance of $\text{Yb}:\text{Gd}_3\text{Ga}_5\text{O}_{12}$ garnet crystal. <i>Applied Optics</i> , 2013, 52, 4329.	0.9	8
100	$\text{Ba}_2\text{In}_2\text{Q}_5$ ($\text{Q} = \text{S, Se}$): Synthesis, Crystal Structures, Electronic Structures, and Optical Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1329-1333.	0.6	8
101	NaBaMIIIQ_3 ($\text{MIII} = \text{Al, Ga; Q} = \text{S, Se}$): first quaternary chalcogenides with isolated edge-sharing $(\text{MIII}_2\text{Q}_6)^{6-}$ dimers. <i>Dalton Transactions</i> , 2018, 47, 16044-16047.	1.6	8
102	Synthesis, Crystal Structures, Optical Properties and Theoretical Calculations of Two Metal Chalcogenides Ba_2AlSb_5 and $\text{Ba}_2\text{GaBiSe}_5$. <i>Crystals</i> , 2018, 8, 165.	1.0	8
103	Pd and octahedra do not get along: Square planar $[\text{PdS}_4]$ units in non-centrosymmetric $\text{La}_6\text{PdSi}_2\text{S}_{14}$. <i>Journal of Alloys and Compounds</i> , 2022, 902, 163756.	2.8	8
104	Efficient Q-Switched Miniature $\text{Yb}:\text{Gd}_3\text{Ga}_5\text{O}_{12}$ Laser Generating 180 kW of Peak Power. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 2078-2080.	1.3	7
105	Synthesis and characterization of a new aluminophosphate with a $\text{Al}_3\text{P}_6\text{O}_{24}$ three-dimensional framework. <i>New Journal of Chemistry</i> , 2014, 38, 889-892.	1.4	7
106	Third-order nonlinearity and passive Q-switching of $\text{Cr}^{4+}:\text{YGG}$ garnet crystal. <i>Optics Letters</i> , 2015, 40, 2421.	1.7	7
107	$\text{Ba}_6(\text{Cu}_x\text{Z}_y)\text{Sn}_4\text{S}_{16}$ ($\text{Z} = \text{Mg}$). <i>TJ ETQq1 1 0.784314 rgB</i> <i>Inorganic Chemistry</i> , 2022, 61, 2640-2651.	1.9	7
108	Nonlinear Optical Properties of the $\text{RE}_3\text{CuGeS}_7$ Family of Compounds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2022, 648, .	0.6	7

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109	Composition characterization in YSGG garnet single crystals for ytterbium laser. <i>Optical Materials Express</i> , 2013, 3, 1408.	1.6	6
110	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, 168-172.	0.7	6
111	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.	1.4	6
112	Na ₆ Si ₃ S ₈ O: the first example of a sulfide silicate exhibiting unusual tri-polymerized [Si ₃ S ₈ O] ⁶⁺ units without S=O bonds. <i>Dalton Transactions</i> , 2017, 46, 13356-13359.	1.6	6
113	Synthesis, Crystal Growth, Electronic Properties and Optical Properties of Y ₆ IV _{2.5} S ₁₄ (IV=Si, Ge). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2022, 648, .	0.6	6
114	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.	1.7	5
115	Efficient passively Q-switched miniature Yb:Lu ₃ Ga ₅ O ₁₂ crystal laser. <i>Optics Communications</i> , 2015, 349, 15-18.	1.0	5
116	From thiophosphate to chalcophalide: mixed-anion AgS _x Cl _y ligands concurrently enhancing nonlinear optical effects and laser-damage threshold. <i>Chemical Communications</i> , 2021, 57, 8218-8221.	2.2	5
117	Triclinic Layered A ₂ ZnSi ₃ S ₈ (A = Rb and Cs) with Large Optical Anisotropy and Systematic Research on the Inherent Structure-Performance Relationship in the A ₂ M ^{II} M ^{IV} ₃ Q ₈ Family. <i>Inorganic Chemistry</i> , 2021, 60, 12573-12579.	1.9	5
118	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.	1.6	4
119	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.	1.5	4
120	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.	0.6	4
121	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.	0.7	3
122	ToF-SIMS analysis of chemical composition of atmospheric aerosols in Beijing. <i>Surface and Interface Analysis</i> , 2020, 52, 272-282.	0.8	3
123	M ₆ PS ₅ X (M = Ag, Cu; X = Cl, Br) chalcophalides exhibiting strong nonlinear optical responses and high laser damage resistances. <i>Dalton Transactions</i> , 2021, 50, 17901-17905.	1.6	3
124	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.	2.8	3
125	Serum phosphopeptide profiling for colorectal cancer diagnosis using liquid chromatography-mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9316.	0.7	0