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List of Publications by Year
in descending order

124 papers	7,557 citations	66343 42 h-index	56724 83 g-index
125 all docs	125 docs citations	125 times ranked	1797 citing authors

#	ARTICLE	IF	CITATIONS
1	Alkaline-Alkaline Earth Fluoride Carbonate Crystals ABCO₃F (A = K, Rb, Cs; B = Ca, Sr, Ba) as Nonlinear Optical Materials. Journal of the American Chemical Society, 2011, 133, 20001-20007.	13.7	418
2	Growth and Characterization of BaGa₄S₇: A New Crystal for Mid-IR Nonlinear Optics. Crystal Growth and Design, 2009, 9, 1186-1189.	3.0	346
3	Linear and nonlinear optical properties of the KBe2BO3F2 (KBBF) crystal. Optical Materials, 1996, 5, 105-109.	3.6	338
4	Alkaline Beryllium Borate NaBeB₃O₆ and ABe₂B₃O₇ (A = K, Rb) as UV Nonlinear Optical Crystals. Journal of the American Chemical Society, 2010, 132, 8779-8786.	13.7	335
5	Na₂CsBe₆B₅O₁₅: An Alkaline Beryllium Borate as a Deep-UV Nonlinear Optical Crystal. Journal of the American Chemical Society, 2011, 133, 11458-11461.	13.7	292
6	M₂B₁₀O₁₄F₆ (M = Ca, Sr): Two Noncentrosymmetric Alkaline Earth Fluorooxoborates as Promising Next-Generation Deep-Ultraviolet Nonlinear Optical Materials. Journal of the American Chemical Society, 2018, 140, 3884-3887.	13.7	288
7	The vacuum ultraviolet phaseâ€matching characteristics of nonlinear optical KBe2BO3F2 crystal. Applied Physics Letters, 1996, 68, 2930-2932.	3.3	282
8	Computer-Assisted Search for Nonlinear Optical Crystals. Advanced Materials, 1999, 11, 1071-1078.	21.0	273
9	CsPbCO₃F: A Strong Second-Harmonic Generation Material Derived from Enhancement via pâˆ’Ï€ Interaction. Journal of the American Chemical Society, 2013, 135, 18560-18566.	13.7	242
10	NH₄Be₂BO₃F₂ and Î³â€Be₂BO₃F: Overcoming the Layering Habit in KBe₂BO₃F₂ for the Nextâ€Generation Deepâ€Ultraviolet Nonlinear Optical Materials. Angewandte Chemie - International Edition, 2018, 57, 8968-8972.	13.8	200
11	Searching for new nonlinear optical materials on the basis of the anionic group theory. Journal of Applied Physics, 1998, 84, 555-558.	2.5	188
12	KLi(HC₃N₃O₃)Â·2H₂O: Solvent-drop Grinding Method toward the Hydro-isocyanurate Nonlinear Optical Crystal. Journal of the American Chemical Society, 2019, 141, 3390-3394.	13.7	187
13	Rational Design of the First Lead/Tin Fluorooxoborates MB₂O₃F₂ (M = Pb, Sn), Containing Flexible Two-Dimensional [B₆O₁₂F₆]_{âˆž} Single Layers with Widely Divergent Second Harmonic Generation Effects. Journal of the American Chemical Society, 2018, 140, 6814-6817.	13.7	177
14	New nonlinear optical crystal K_2Al_2B_2O_7. Journal of the Optical Society of America B: Optical Physics, 2000, 17, 764.	2.1	137
15	Sr₂(OH)₃NO₃: the first nitrate as a deep UV nonlinear optical material with large SHG responses. Journal of Materials Chemistry C, 2015, 3, 5268-5274.	5.5	136
16	AZn₂BO₃X₂(A = K, Rb, NH₄; X = Cl, Br): New Members of KBBF Family Exhibiting Large SHG Response and the Enhancement of Layer Interaction by Modified Structures. Chemistry of Materials, 2016, 28, 9122-9131.	6.7	134
17	Na₈Lu₂(CO₃)₆F₂ and Na₃Lu(CO₃)₂F₂: Rare Earth Fluoride Carbonates as Deep-UV Nonlinear Optical Materials. Chemistry of Materials, 2013, 25, 3147-3153.	6.7	123
18	Structural Modulation of Nitrate Group with Cations to Affect SHG Responses in RE(OH)₂NO₃ (RE = La, Y, and Gd): New Polar Materials with Large NLO Effect after Adjusting pH Values of Reaction Systems. Chemistry of Materials, 2017, 29, 896-903.	6.7	107

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19	Significant enhancement of figure-of-merit in carbon-reinforced Cu2Se nanocrystalline solids. Nano Energy, 2017, 41, 164-171.	16.0	103
20	NaZnCO₃(OH): A High-Performance Carbonate Ultraviolet Nonlinear Optical Crystal Derived from KBe₂BO₃F₂. Journal of the American Chemical Society, 2020, 142, 20542-20546.	13.7	96
21	Rational Design of the Metalâ€Free KBe₂BO₃F₂â‹…(KBBF) Family Member C(NH₂)₃SO₃F with Ultraviolet Optical Nonlinearity. Angewandte Chemie - International Edition, 2020, 59, 15978-15981.	13.8	96
22	Structural Modulation of Anionic Group Architectures by Cations to Optimize SHG Effects: A Facile Route to New NLO Materials in the ATCO₃F (A = K, Rb; T = Zn, Cd) Series. Chemistry of Materials, 2015, 27, 7520-7530.	6.7	94
23	Prospects for Fluoride Carbonate Nonlinear Optical Crystals in the UV and Deep-UV Regions. Journal of Physical Chemistry C, 2013, 117, 25684-25692.	3.1	92
24	Pb₂BO₃Br: a novel nonlinear optical lead borate bromine with a KBBF-type structure exhibiting strong nonlinear optical response. Inorganic Chemistry Frontiers, 2018, 5, 916-921.	6.0	90
25	BaGa2GeX6(X=S, Se): New mid-IR nonlinear optical crystals with large band gaps. Journal of Solid State Chemistry, 2012, 195, 172-177.	2.9	89
26	Nonlinear Optical Crystal YxLayScz(BO3)4(x+y+z= 4). Chemistry of Materials, 2005, 17, 2687-2692.	6.7	86
27	First-Principles Design of a Deep-Ultraviolet Nonlinear-Optical Crystal from KBe₂BO₃F₂ to NH₄Be₂BO₃F₂. Inorganic Chemistry, 2015, 54, 10533-10535.	4.0	85
28	Molecular Engineering as an Approach To Design a New Beryllium-Free Fluoride Carbonate as a Deep-Ultraviolet Nonlinear Optical Material. Chemistry of Materials, 2016, 28, 2301-2307.	6.7	85
29	Mg₂In₃Si₂P₇: A Quaternary Diamond-like Phosphide Infrared Nonlinear Optical Material Derived from ZnGeP₂. Journal of the American Chemical Society, 2021, 143, 10309-10316.	13.7	77
30	(NH₄)Bi₂(IO₃)₂F₅: An Unusual Ammoniumâ€Containing Metal Iodate Fluoride Showing Strong Second Harmonic Generation Response and Thermochromic Behavior. Angewandte Chemie - International Edition, 2020, 59, 5268-5272.	13.8	73
31	M(NH₂SO₃)₂ (M=Sr, Ba): Two Deepâ€Ultraviolet Transparent Sulfamates Exhibiting Strong Second Harmonic Generation Responses and Moderate Birefringence. Angewandte Chemie - International Edition, 2021, 60, 7621-7625.	13.8	73
32	Rational Design of the Nonlinear Optical Response in a Tin Iodate Fluoride Sn(IO₃)₂F₂. Chemistry of Materials, 2020, 32, 2615-2620.	6.7	71
33	Collaborative enhancement from Pb²⁺ and F^{â^’} in Pb₂(NO₃)₂(H₂O)F₂ generates the largest second harmonic generation effect among nitrates. Chemical Communications, 2017, 53, 9398-9401.	4.1	66
34	A microcrystal method for the measurement of birefringence. CrystEngComm, 2020, 22, 1956-1961.	2.6	64
35	NH₄Be₂BO₃F₂ and Î³â€Be₂BO₃F: Overcoming the Layering Habit in KBe₂BO₃F₂ for the Nextâ€Generation Deepâ€Ultraviolet Nonlinear Optical Materials. Angewandte Chemie, 2018, 130, 9106-9110.	2.0	63
36	A₂Bi₂(SO₄)₂Cl₄(A = NH₄, K,) Tj ETQq0 0 0 rgBT /Overloc birefringence in sulfate nonlinear optical materials. Journal of Materials Chemistry C, 2019, 7, 9900-9907.	5.5	63

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37	Cadmium-rare earth oxyborates Cd4ReO(BO3)3 (Re = Y, Gd, Lu): congruently melting compounds with large SHG responses. Journal of Materials Chemistry, 2012, 22, 19911.	6.7	61
38	Be₂(BO₃)(IO₃): The First Anionâ€mixed Van der Waals Member in the KBe₂BO₃F₂ Family with a Very Strong Second Harmonic Generation Response. Angewandte Chemie - International Edition, 2021, 60, 17415-17418.	13.8	59
39	<title>Two new nonlinear optical crystals: BaAl<formula><inf><roman>2</roman></inf></formula>B<formula><inf><roman>2</roman></inf></formula>O<formula><inf><roma and K<formula><inf><roman>2</roman></inf></formula>Al<formula><inf><roman>2</roman></inf></formula>B<formula><inf><roman , 1998, , .		58
40	Na₄La₂(CO₃)₅ and CsNa₅Ca₅(CO₃)₈: Two New Carbonates as UV Nonlinear Optical Materials. Inorganic Chemistry, 2014, 53, 8098-8104.	4.0	58
41	RbNa(HC₃N₃O₃)Â·2H₂O exhibiting a strong second harmonic generation response and large birefringence as a new potential UV nonlinear optical material. Inorganic Chemistry Frontiers, 2020, 7, 150-156.	6.0	49
42	A Deep-Ultraviolet Nonlinear Optical Crystal: Strontium Beryllium Borate Fluoride with Planar Be(O/F)₃ Groups. Chemistry of Materials, 2016, 28, 4563-4571.	6.7	47
43	Anionic Aliovalent Substitution from Structure Models of ZnS: Novel Defect Diamondâ€like Halopnictide Infrared Nonlinear Optical Materials with Wide Band Gaps and Large SHG Effects. Angewandte Chemie - International Edition, 2020, 59, 23549-23553.	13.8	45
44	AMgPO₄Â·6H₂O (A = Rb, Cs): strong SHG responses originated from orderly PO₄groups. Journal of Materials Chemistry C, 2016, 4, 9219-9226.	5.5	44
45	A₂Bi₂(SeO₃)₃F₂ (A = K and Rb): Excellent Mid-Infrared Nonlinear Optical Materials with Both Strong SHG Responses and Large Band Gaps. Chemistry of Materials, 2020, 32, 7958-7964.	6.7	42
46	Sodiumâ€“rare earth carbonates with shorite structure and large second harmonic generation response. CrystEngComm, 2014, 16, 4414.	2.6	41
47	Synthesis, structure, and characterization of a new promising nonlinear optical crystal: Cd5(BO3)3F. CrystEngComm, 2013, 15, 2422.	2.6	39
48	M(NH₂SO₃)₂ (M=Sr, Ba): Two Deepâ€Ultraviolet Transparent Sulfamates Exhibiting Strong Second Harmonic Generation Responses and Moderate Birefringence. Angewandte Chemie, 2021, 133, 7699-7703.	2.0	39
49	Sulfamide: A Promising Deepâ€Ultraviolet Nonlinear Optical Crystal Assembled from Polar Covalent [SO₂(NH₂)₂] Tetrahedra. Angewandte Chemie - International Edition, 2022, 61, .	13.8	39
50	Atom-Resolved Analysis of Birefringence of Nonlinear Optical Crystals by Bader Charge Integration. Journal of Physical Chemistry C, 2019, 123, 31183-31189.	3.1	37
51	Synthesis and characterization of CsSrCO₃F â€“ a beryllium-free new deep-ultraviolet nonlinear optical material. New Journal of Chemistry, 2016, 40, 2243-2248.	2.8	34
52	BaGe₂Pn₂ (Pn = P, As): Two Congruent-Melting Non-chalcopyrite Pnictides as Mid- and Far-Infrared Nonlinear Optical Materials Exhibiting Large Second Harmonic Generation Effects. Chemistry of Materials, 2019, 31, 10170-10177.	6.7	34
53	Na₃Sc₂(PO₄)₂F₃: rational design and synthesis of an alkali rare-earth phosphate fluoride as an ultraviolet nonlinear optical crystal with an enlarged birefringence. Journal of Materials Chemistry C, 2020, 8, 4965-4972.	5.5	34
54	Growth and characterizations of BaGa4S7 crystal. Optical Materials, 2014, 36, 2007-2011.	3.6	33

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55	The second-harmonic generation intensification derived from localization conjugated Ï€-orbitals in O₂^{2âˆ’}. Chemical Communications, 2018, 54, 1445-1448.	4.1	33
56	Growth and Thermophysical Properties of the Nonlinear Optical Crystal LuAl₃(BO₃)₄. Crystal Growth and Design, 2011, 11, 5048-5052.	3.0	31
57	Series of Lead Oxide Hydroxide Nitrates Obtained by Adjusting the pH Values of the Reaction Systems. Inorganic Chemistry, 2014, 53, 5222-5228.	4.0	30
58	Engineering of Organic Chromophores with Large Second-Order Optical Nonlinearity and Superior Crystal Growth Ability. Crystal Growth and Design, 2015, 15, 5560-5567.	3.0	30
59	A(H₃C₃N₃O₃)(NO₃) (A = K, Rb): Alkali-Metal Nitrate Isocyanurates with Strong Optical Anisotropy. Inorganic Chemistry, 2020, 59, 10361-10367.	4.0	30
60	Synthesis and characterization of a new beryllium-free deep-ultraviolet nonlinear optical material: Na2GdCO3F3. Journal of Alloys and Compounds, 2017, 724, 1057-1063.	5.5	29
61	Sr[B(OH)₄](IO₃) and Li₄Sr₅[B₁₂O₂₂(OH)₄](IO₃)₂: two unprecedented metal borate-iodates showing a subtle balance of enlarged band gap and birefringence. Chemical Communications, 2019, 55, 11139-11142.	4.1	29
62	Y₂(CO₃)₃Â·H₂O and (NH₄)₂Ca₂Y₄(CO₃)₉Â·H₂O: Partial Aliovalent Cation Substitution Enabling Evolution from Centrosymmetry to Noncentrosymmetry for Nonlinear Optical Response. Chemistry of Materials, 2019, 31, 52-56.	6.7	29
63	Lanthanum Lead Oxide Hydroxide Nitrates with a Nonlinear Optical Effect. Inorganic Chemistry, 2014, 53, 12584-12589.	4.0	28
64	Refractive Index Modulates Second-Harmonic Responses in RE₈O(CO₃)₃(OH)₁₅X (RE = Y, Lu; X = Cl, Br): Rare-Earth Halide Carbonates as Ultraviolet Nonlinear Optical Materials. Chemistry of Materials, 2019, 31, 2130-2137.	6.7	28
65	[C(NH2)3]3PO4Â·2H2O: A new metal-free ultraviolet nonlinear optical phosphate with large birefringence and second-harmonic generation response. Science China Materials, 2021, 64, 2008-2016.	6.3	28
66	Explorations of new UV nonlinear optical materials in the Na₂CO₃â€“CaCO₃system. Journal of Materials Chemistry C, 2017, 5, 8758-8764.	5.5	25
67	From centrosymmetric to noncentrosymmetric: intriguing structure evolution in d¹⁰-transition metal iodate fluorides. Chemical Communications, 2020, 56, 10734-10737.	4.1	25
68	RE(H2C3N3O3)2Â·(OH)Â·xH2O (RE = La, Y and Gd): potential UV birefringent materials with strong optical anisotropy originating from the (H2C3N3O3)âˆ’ group. Dalton Transactions, 2019, 48, 12296-12302.	3.3	24
69	An Optimal Arrangement of (H₂C₄N₂O₃)^{2â€“} Groups in the First Non-Centrosymmetric Alkali Barbiturate Li₂(H₂C₄N₂O₃)Â·2H₂O Inducing a Giant Second Harmonic Generation Response and a Striking Birefringence. Crystal Growth and Design, 2020, 20, 4904-4908.	3.0	23
70	Epitaxial growth of GaN films on lattice-matched ScAlMgO₄substrates. CrystEngComm, 2016, 18, 4688-4694.	2.6	22
71	Enhancing the Thermoelectric Performance of Polycrystalline SnSe by Decoupling Electrical and Thermal Transport through Carbon Fiber Incorporation. ACS Applied Materials & Interfaces, 2020, 12, 12910-12918.	8.0	22
72	Ï€-Conjugated Trigonal Planar [C(NH₂)₃]⁺ Cationic Group: A Superior Functional Unit for Ultraviolet Nonlinear Optical Materials. ACS Omega, 2021, 6, 9263-9268.	3.5	22

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73	A powder method for the high-efficacy evaluation of electro-optic crystals. National Science Review, 2021, 8, nwaa104.	9.5	21
74	LiNbTeO₅: A High-Performance Multifunctional Crystal Material with a Very Large Second-Harmonic Generation Response and Piezoelectric Coefficient. Chemistry of Materials, 2022, 34, 399-404.	6.7	21
75	Crystal growth, spectral properties and Judd-Ofelt analysis of Pr3+:LaMgAl11O19. Journal of Alloys and Compounds, 2018, 767, 938-943.	5.5	20
76	Ba(IO₃)F: An Alkaline-Earth-Metal Iodate Fluoride Crystal with Large Band Gap and Birefringence. Inorganic Chemistry, 2020, 59, 7376-7379.	4.0	20
77	Two Tellurium(IV)-Based Sulfates Exhibiting Strong Second Harmonic Generation and Moderate Birefringence as Promising Ultraviolet Nonlinear Optical Materials. Inorganic Chemistry, 2021, 60, 11412-11418.	4.0	20
78	Exploration of new UV nonlinear optical materials in the sodiumâ€“zinc fluoride carbonate system with the discovery of a new regulation mechanism for the arrangement of [CO₃]^{2âˆ’} groups. Journal of Materials Chemistry C, 2018, 6, 6526-6533.	5.5	19
79	Halonitrides Zn₂NX (X=Cl,Br): Novel Mid-Infrared Nonlinear Optical Materials. Chemistry of Materials, 2021, 33, 1462-1470.	6.7	19
80	Cs₂Bi₂OSi₂O₇: A Promising Bismuth Silicate Nonlinear Optical Crystal with Face-Sharing BiO₅ Polyhedra Exhibiting Strengthened Second Harmonic Generation Response and Birefringence. Chemistry of Materials, 2022, 34, 3365-3372.	6.7	19
81	Nonlinear optical crystal BiAlGa2(BO3)4. Solid State Sciences, 2007, 9, 713-717.	3.2	18
82	Experimental and ab initio studies of Cd₅(BO₃)₃Cl: the first cadmium borate chlorine NLO material with isolated BO₃groups. Dalton Transactions, 2017, 46, 15228-15234.	3.3	18
83	Helix-constructed polar rare-earth iodate fluoride as a laser nonlinear optical multifunctional material. Chemical Science, 2020, 11, 7396-7400.	7.4	18
84	A₂BeS₂O₈ (A = NH₄, K, Rb, Cs) Deep Ultraviolet Nonlinear Optical Crystals. Chemistry of Materials, 2022, 34, 3781-3788.	6.7	18
85	A₃Te(Zn₂Ge)Ge₂O₁₄ (A = Sr, Ba, and Pb): New Langasite Mid-infrared Nonlinear Optical Materials by Rational Chemical Substitution. Chemistry of Materials, 2021, 33, 6012-6017.	6.7	17
86	Pnictides: An emerging class of infrared nonlinear optical material candidates. Journal of Alloys and Compounds, 2022, 901, 163384.	5.5	17
87	Growth and optical properties of nonlinear LuAl_3(BO_3)_4 crystals. Optics Express, 2013, 21, 16415.	3.4	15
88	Anionic Aliovalent Substitution from Structure Models of ZnS: Novel Defect Diamondâ€like Halopnictide Infrared Nonlinear Optical Materials with Wide Band Gaps and Large SHG Effects. Angewandte Chemie, 2020, 132, 23755-23759.	2.0	15
89	Cd₄SiQ₆ (Q = S, Se): Ternary Infrared Nonlinear Optical Materials with Mixed Functional Building Motifs. Crystal Growth and Design, 2020, 20, 2489-2496.	3.0	15
90	Uncovering a Vital Band Gap Mechanism of Pnictides. Advanced Science, 2022, 9, e2105787.	11.2	15

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91	Polarity-Controlled GaN Epitaxial Films Achieved via Controlling the Annealing Process of ScAlMgO₄ Substrates and the Corresponding Thermodynamic Mechanisms. Journal of Physical Chemistry C, 2018, 122, 16161-16167.	3.1	14
92	Î±-Ca₂CdP₂ and Î²-Ca₂CdP₂: Two Polymorphic Phosphide-Based Infrared Nonlinear Crystals with Distorted NLO-Active Tetrahedral Motifs Realizing Large Second Harmonic Generation Effects and Suitable Band Gaps. Inorganic Chemistry, 2021, 60, 7553-7560.	4.0	14
93	A flexible functional module to regulate ultraviolet optical nonlinearity for achieving a balance between a second-harmonic generation response and birefringence. Chemical Science, 2022, 13, 6990-6997.	7.4	14
94	Rational Design of the Metalâ€Free KBe₂BO₃F₂â‹…(KBBF) Family Member C(NH₂)₃SO₃F with Ultraviolet Optical Nonlinearity. Angewandte Chemie, 2020, 132, 16112-16115.	2.0	13
95	A new alkaline beryllium borate KBe₄B₃O₉ with ribbon alveolate [Be₂BO₅]_{âˆž} layers and the structural evolution of ABe₄B₃O₉(A = K, Rb and Cs). CrystEngComm, 2014, 16, 3971-3976.	2.6	12
96	A cation size effect on the framework structures in ABi₂SeO₃F₅(A = K and Rb): first examples of alkali metal bismuth selenite fluorides. Dalton Transactions, 2018, 47, 6598-6604.	3.3	12
97	Synthesis and characterization of Cd₄YbO(BO₃)₃ â€“ a congruent melting cadmiumâ€"ytterbium oxyborate with large nonlinear optical properties. New Journal of Chemistry, 2014, 38, 6186-6192.	2.8	11
98	Three alkaline-rare earth cations carbonates with large birefringence in the deep UV range. Journal of Alloys and Compounds, 2018, 742, 587-593.	5.5	11
99	(NH 4)Bi 2 (IO 3) 2 F 5 : An Unusual Ammoniumâ€Containing Metal Iodate Fluoride Showing Strong Second Harmonic Generation Response and Thermochromic Behavior. Angewandte Chemie, 2020, 132, 5306-5310.	2.0	11
100	Explorations of Second-Order Nonlinear Optical Materials in the Alkaline Earth Barbiturate System: Noncentrosymmetric Ca(H₃C₄N₂O₃)₂Â·H₂O and Centrosymmetric Sr(H₅C₈N₄O₅)₂Â·4H₂O. Inorganic Chemistry, 2020, 59, 15962-15968.	4.0	11
101	Unexpected aliovalent cation substitution between two NLO materials LiBa₃Bi₆(SeO₃)₇F₁₁and Ba₃Bi_{6.5}(SeO₃)₇F_{10.5}O_{0.5}. Chemical Communications, 2021, 57, 2982-2985.	4.1	11
102	Cd₃(IO₃)(IO₄)F₂Â·0.1CdO: A Nonlinear-Optical Crystal with the Introduction of Fluoride into Iodate Containing Both [IO₃]^{âˆ'} and [IO₄]^{3â€"} Groups. Inorganic Chemistry, 2021, 60, 6040-6046.	4.0	11
103	Chemical substitution â€" oriented design of a new polar PbFIO3 achieving a balance between large second-harmonic generation response and wide band gap. Scripta Materialia, 2022, 208, 114347.	5.2	10
104	Shedding Light on the Structure and Characterization of K₂ZnGe₂O₆: A Phase-Matchable Nonlinear Optical Crystal. Inorganic Chemistry, 2022, 61, 11471-11477.	4.0	10
105	LaSiP₃ and LaSi₂P₆: Two Excellent Rareâ€Earth Pnictides with Strong SHG Responses as Midâ€and Farâ€Infrared Nonlinear Optical Crystals. Advanced Optical Materials, 2021, 9, 2002176.	7.3	9
106	Crystal Growth and Physical Properties of the Nonlinear Optical Crystal KLi(HC₃N₃O₃)Â·2H₂O. Crystal Growth and Design, 2022, 22, 3471-3478.	3.0	9
107	Syntheses, characterization and nonlinear optical properties ofÂsodiumâ€"scandium carbonate Na 5 Sc(CO 3) 4 Â·2H 2 O. Solid State Sciences, 2014, 36, 24-28.	3.2	8
108	Te(CS(NH₂)₂)₄SO₄Â·2H₂O: A Three-in-One Semiorganic Nonlinear Optical Crystal with an Unusual Quadrilateral (TeS₄)^{6â€"} Chromophore. Crystal Growth and Design, 2021, 21, 2596-2601.	3.0	8

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109	Î±-CdP2: Large SHG Effect Originating from the Synergism of Parallel âˆž1[Pâ€“] Polyanion Chains and Distorted CdP4 Tetrahedra. Chemistry of Materials, 2020, 32, 10246-10253.	6.7	7
110	Be 2 (BO 3)(IO 3): The First Anionâ€mixed Van der Waals Member in the KBe 2 BO 3 F 2 Family with a Very Strong Second Harmonic Generation Response. Angewandte Chemie, 2021, 133, 17555-17558.	2.0	7
111	Sulfamide: A Promising Deepâ€Ultraviolet Nonlinear Optical Crystal Assembled from Polar Covalent [SO₂(NH₂)₂] Tetrahedra. Angewandte Chemie, 2022, 134, .	2.0	7
112	Hydrogen-Bond-Assisted Reinforcement of Interlayer Connections in Zn₂BO₃XÂ·H₂O (X = Cl, Br): Two UV Nonlinear Optical Crystals with KBBF-Type Structure. Inorganic Chemistry, 2020, 59, 7789-7794.	4.0	6
113	HgSO4: An excellent mid-infrared sulfate nonlinear optical crystal with wide band gap and strong second harmonic generation response. Journal of Alloys and Compounds, 2022, 902, 163727.	5.5	6
114	Directional Construction of New Nonlinear Optical Bifunctional Units through Molecular Engineering Design Inspired by the B₃O₇-Typed Configuration. ACS Applied Materials & Interfaces, 2022, 14, 32270-32278.	8.0	6
115	Two Deep Ultraviolet Hydrated Borate Crystals: Centrosymmetric LiRbB₅O₈(OH)Â·H₂O and Non-Centrosymmetric K₂B₅O₈(OH)Â·2H₂O. Crystal Growth and Design, 2019, 19, 3052-3059.	3.0	5
116	M₄O(IO₃)₃(I₃O₇F₃)BF₄ (M = Pb, Sr): Promising Nonlinear Optical Materials Featuring the Unprecedented Windmill-Shaped [I₃O₇F₃]^{2â€“} Polyfluoroiodate Anion. Crystal Growth and Design, 2021, 21, 7098-7103.	3.0	5
117	Epitaxial growth of nonpolar m-plane ZnO epilayers and ZnO/Zn_{0.55}Mg_{0.45}O multiple quantum wells on a LiGaO₂ (100) substrate. RSC Advances, 2015, 5, 104798-104805.	3.6	4
118	Intersected nonpolar ZnO nanosail arrays aligned epitaxially on LiGaO 2 substrate towards enhanced photoelectrochemical responses. Nano Select, 2021, 2, 1233-1243.	3.7	4
119	BaSi₇P₁₀ and SrSi₇P₁₀: Two Infrared Nonlinear Optical Phosphides with T2 Supertetrahedra Exhibiting Strong Secondâ€Harmonic Generation Effects. Advanced Optical Materials, 2022, 10, .	7.3	4
120	Synthesis, Crystal Structure, and Optical Properties of a New Sodiumâ€Cadmium Carbonate Na₄Cd₃(CO₃)₄(OH)₂. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 460-463.	1.2	3
121	Quasiparticle effects on the linear and nonlinear susceptibility of ZnGeP₂. RSC Advances, 2019, 9, 35771-35779.	3.6	3
122	Epitaxial growth of aligned MgO nanowire arrays on a single crystalline substrate. Dalton Transactions, 2022, 51, 3740-3746.	3.3	2
123	NaPb2(CO3)2Fx(OH)1-x(0 < x â‰ 1): A new member of alkali-lead carbonate fluoride system with large birefringence. Journal of Solid State Chemistry, 2020, 288, 121407.	2.9	1
124	Crystallographic Insights into the Crystal Structure and Intrinsic Properties of Ca₁₂Al₁₄O₃₃-Type Rb₃LiZn₂(MoO₄)₄ Single Crystals. Inorganic Chemistry, 0, , .	4.0	1