

# Hongping Wu

## List of Publications by Year in descending order

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114  
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5,567  
citations

136950

32  
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82547

72  
g-index

115  
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115  
docs citations

115  
times ranked

1401  
citing authors

#	ARTICLE	IF	CITATIONS
1	$K_3B_6O_{10}Cl$ : A New Structure Analogous to Perovskite with a Large Second Harmonic Generation Response and Deep UV Absorption Edge. <i>Journal of the American Chemical Society</i> , 2011, 133, 7786-7790.	13.7	617
2	Designing a Deep-Ultraviolet Nonlinear Optical Material with a Large Second Harmonic Generation Response. <i>Journal of the American Chemical Society</i> , 2013, 135, 4215-4218.	13.7	542
3	$Ba_3Mg_3(BO_3)_3F_3$ polymorphs with reversible phase transition and high performances as ultraviolet nonlinear optical materials. <i>Nature Communications</i> , 2018, 9, 3089.	12.8	314
4	$Cs_3Zn_6B_9O_{21}$ : A Chemically Benign Member of the KBBF Family Exhibiting the Largest Second Harmonic Generation Response. <i>Journal of the American Chemical Society</i> , 2014, 136, 1264-1267.	13.7	310
5	$Cs_2B_4SiO_9$ : A Deep-Ultraviolet Nonlinear Optical Crystal. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3406-3410.	13.8	249
6	$M_4Mg_4(P_2O_7)_3$ (M = K, Rb): Structural Engineering of Pyrophosphates for Nonlinear Optical Applications. <i>Chemistry of Materials</i> , 2017, 29, 1845-1855.	6.7	187
7	A novel deep UV nonlinear optical crystal $Ba_3B_6O_{11}F_2$ , with a new fundamental building block, $B_6O_{14}$ group. <i>Journal of Materials Chemistry</i> , 2012, 22, 9665.	6.7	177
8	Phase-Matching in Nonlinear Optical Compounds: A Materials Perspective. <i>Chemistry of Materials</i> , 2017, 29, 2655-2668.	6.7	177
9	Simulated pressure-induced blue-shift of phase-matching region and nonlinear optical mechanism for $K_3B_6O_{10}X$ ( $X = Cl, Br$ ). <i>Applied Physics Letters</i> , 2015, 106, .	3.3	121
10	Electronic, Crystal Chemistry, and Nonlinear Optical Property Relationships in the Dugganite $A_3B_3CD_2O_{14}$ Family. <i>Journal of the American Chemical Society</i> , 2016, 138, 4984-4989.	13.7	118
11	$Ba_2TeF_2(OH)_2$ : A UV Nonlinear Optical Fluorotellurite Material Designed by Band-Gap Engineering. <i>Journal of the American Chemical Society</i> , 2020, 142, 4616-4620.	13.7	111
12	A new congruent-melting oxyborate, $Pb_4O(BO_3)_2$ with optimally aligned $BO_3$ triangles adopting layered-type arrangement. <i>Journal of Materials Chemistry</i> , 2012, 22, 2105-2110.	6.7	108
13	Designing Silicates as Deep-UV Nonlinear Optical (NLO) Materials using Edge-Sharing Tetrahedra. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8922-8926.	13.8	104
14	A congruently melting and deep UV nonlinear optical material: $Li_3Cs_2B_5O_{10}$ . <i>Journal of Materials Chemistry</i> , 2011, 21, 2890.	6.7	95
15	$CsZn_2BO_3X_2$ ( $X = F, Cl$ ), $Tj_2ETQq_1$ 1 0.784314 rgBT Properties. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19006-19010.	13.8	91
16	Deep-Ultraviolet Nonlinear-Optical Material $K_3Sr_3Li_2Al_4B_6O_{20}F$ : Addressing the Structural Instability Problem in $KBe_2BO_3F_2$ . <i>Inorganic Chemistry</i> , 2017, 56, 8755-8758.	4.0	82
17	Polar Polymorphism: $\hat{1}\pm$ , $\hat{1}^2$ -, and $\hat{1}^3$ - $Pb_2Ba_4Zn_4B_{14}O_{31}$ —Synthesis, Characterization, and Nonlinear Optical Properties. <i>Chemistry of Materials</i> , 2015, 27, 4779-4788.	6.7	75
18	The Next-Generation of Nonlinear Optical Materials: $Rb_3Ba_3Li_2Al_4B_6O_{20}F$ —Synthesis, Characterization, and Crystal Growth. <i>Advanced Optical Materials</i> , 2017, 5, 1700840.	7.3	68

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19	First Principle Assisted Prediction of the Birefringence Values of Functional Inorganic Borate Materials. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25651-25657.	3.1	67
20	LiNa <sub>5</sub> Mo <sub>9</sub> O <sub>30</sub> : Crystal Growth, Linear, and Nonlinear Optical Properties. <i>Chemistry of Materials</i> , 2016, 28, 4483-4491.	6.7	61
21	Synthesis, crystal structures and optical properties of two congruent-melting isotypic diphosphates: LiM <sub>3</sub> P <sub>2</sub> O <sub>7</sub> (M=Na, K). <i>Journal of Solid State Chemistry</i> , 2013, 197, 128-133.	2.9	55
22	Pb <sub>3</sub> B <sub>6</sub> O <sub>11</sub> F <sub>2</sub> : the first non-centrosymmetric lead borate fluoride with a large second harmonic generation response. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1704.	5.5	55
23	Growth, thermal and optical properties of a novel nonlinear optical material K <sub>3</sub> B <sub>6</sub> O <sub>10</sub> Cl. <i>CrystEngComm</i> , 2012, 14, 799-803.	2.6	53
24	Borate Fluoride and Fluoroborate in Alkali-Metal Borate Prepared by an Open High-Temperature Solution Method. <i>Inorganic Chemistry</i> , 2014, 53, 12686-12688.	4.0	50
25	New Salt-Inclusion Borate, Li <sub>3</sub> Ca <sub>9</sub> (BO <sub>3</sub> ) <sub>7</sub> ·2[LiF]: A Promising UV NLO Material with the Coplanar and High Density BO <sub>3</sub> Triangles. <i>Inorganic Chemistry</i> , 2013, 52, 5359-5365.	4.0	48
26	Li <sub>2</sub> K <sub>4</sub> TiOGe <sub>4</sub> O <sub>12</sub> : A Stable Mid-Infrared Nonlinear Optical Material. <i>Chemistry of Materials</i> , 2020, 32, 906-912.	6.7	48
27	An Effective Strategy for Designing Nonlinear Optical Crystals by Combining the Structure-Directing Property of Oxyfluorides with Chemical Substitution. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25302-25306.	13.8	44
28	Effect of Rigid Units on the Symmetry of the Framework: Design and Synthesis of Centrosymmetric NaBa <sub>4</sub> (B <sub>5</sub> O <sub>9</sub> ) <sub>2</sub> F <sub>2</sub> Cl and Noncentrosymmetric NaBa <sub>4</sub> (AlB <sub>4</sub> O <sub>9</sub> ) <sub>2</sub> Br <sub>3</sub> . <i>Crystal Growth and Design</i> , 2013, 13, 3514-3521.	3.0	43
29	Sr <sub>3</sub> [SnOSe <sub>3</sub> ][CO <sub>3</sub> ]: A Heteroanionic Nonlinear Optical Material Containing Planar $\pi$ -conjugated [CO <sub>3</sub> ] and Heteroleptic [SnOSe <sub>3</sub> ] Anionic Groups. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	38
30	Designing A New Infrared Nonlinear Optical Material, $\beta$ -BaGa <sub>2</sub> Se <sub>4</sub> Inspired by the Phase Transition of the BaB <sub>2</sub> O <sub>4</sub> (BBO) Crystal. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	37
31	Designing Silicates as Deep-UV Nonlinear Optical (NLO) Materials using Edge-sharing Tetrahedra. <i>Angewandte Chemie</i> , 2020, 132, 9007-9011.	2.0	35
32	Top-Seeded Solution Crystal Growth, Morphology, Optical and Thermal Properties of Ba <sub>3</sub> (ZnB <sub>5</sub> O <sub>10</sub> )PO <sub>4</sub> . <i>Crystal Growth and Design</i> , 2016, 16, 3976-3982.	3.0	34
33	Synthesis and Structure of KPbBP <sub>2</sub> O <sub>8</sub> – A Congruent Melting Borophosphate with Nonlinear Optical Properties. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3185-3190.	2.0	33
34	K <sub>5</sub> Mg <sub>2</sub> La <sub>3</sub> (BO <sub>3</sub> ) <sub>6</sub> : An Efficient, Deep-Ultraviolet Nonlinear Optical Material. <i>Chemistry of Materials</i> , 2021, 33, 4240-4246.	6.7	33
35	Experimental characterization and first principles calculations of linear and nonlinear optical properties of two orthophosphates A <sub>3</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> (A =) Tj ETQq <sub>1.0</sub> 0.784314 rgBT	4.0	31
36	The mechanism of large second harmonic generation enhancement activated by Zn <sup>2+</sup> substitution. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 32931-32936.	2.8	31

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37	Effect of Halogen (Cl, Br) on the Symmetry of Flexible Perovskite-Related Framework. <i>Inorganic Chemistry</i> , 2014, 53, 11213-11220.	4.0	30
38	CsZn <sub>2</sub> BO <sub>3</sub> X <sub>2</sub> (X <sub>2</sub> = F <sub>2</sub> , Cl <sub>2</sub> , and FCl): A Series of Beryllium-Free Deep-Ultraviolet Nonlinear Optical Crystals with Excellent Properties. <i>Angewandte Chemie</i> , 2020, 132, 19168-19172.	2.0	28
39	PbSrSiO <sub>4</sub> : a new ultraviolet nonlinear optical material with a strong second harmonic generation response and moderate birefringence. <i>Chemical Communications</i> , 2020, 56, 7104-7107.	4.1	28
40	Pb <sub>4</sub> Zn <sub>2</sub> B <sub>10</sub> O <sub>21</sub> : a congruently melting lead zinc borate with a novel [B <sub>10</sub> O <sub>24</sub> ] anionic group and an interesting [Pb <sub>4</sub> O <sub>12</sub> ] chain. <i>New Journal of Chemistry</i> , 2014, 38, 285-291.	2.8	27
41	Rational design of a promising oxychalcogenide infrared nonlinear optical crystal. <i>Chemical Science</i> , 2022, 13, 5305-5310.	7.4	27
42	Synthesis, structure characterization and optical properties of a new lead cadmium borate. <i>Inorganica Chimica Acta</i> , 2012, 384, 158-162.	2.4	26
43	M <sup>I</sup> M <sup>II</sup> P <sub>3</sub> O <sub>9</sub> (M <sup>I</sup> = Rb, M <sup>II</sup> = Cd,) Tj ETQq1 1 0.784314 rE Substitution Application in Cyclophosphate Family and Nonlinear Optical Properties. <i>Inorganic Chemistry</i> , 2018, 57, 7372-7379.	4.0	26
44	Î <sup>2</sup> -BaGa <sub>4</sub> Se <sub>7</sub> : a promising IR nonlinear optical crystal designed by predictable structural rearrangement. <i>Journal of Materials Chemistry C</i> , 2021, 10, 96-101.	5.5	25
45	NH <sub>4</sub> (B <sub>6</sub> PO <sub>10</sub> (OH) <sub>4</sub> ) <sub>2</sub> H <sub>2</sub> O: exhibiting the largest birefringence in borophosphates. <i>Chemical Communications</i> , 2022, 58, 2834-2837.	4.1	24
46	Noncentrosymmetric Cubic CsCdBO <sub>3</sub> with Bichromophore. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5528-5533.	2.0	22
47	Synthesis, structures, optical properties and electronic structures of two mixed metal borates MBaB <sub>5</sub> O <sub>9</sub> (M=Na, K). <i>Journal of Alloys and Compounds</i> , 2014, 585, 602-607.	5.5	22
48	NaBa <sub>4</sub> (GaB <sub>4</sub> O <sub>9</sub> ) <sub>2</sub> X <sub>3</sub> (X = Cl, Br) with NLO-Active GaO <sub>4</sub> Tetrahedral Unit: Experimental and ab Initio Studies. <i>Journal of Physical Chemistry C</i> , 2016, 120, 6190-6197.	3.1	22
49	BaYOBO <sub>3</sub> : A deep-ultraviolet rare-earth oxy-borate with a large second harmonic generation response. <i>Science China Chemistry</i> , 2021, 64, 1184-1191.	8.2	22
50	Application of the Dimensional Reduction Formalism to Pb <sub>12</sub> [Li <sub>2</sub> (P <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (P <sub>4</sub> O <sub>13</sub> ) <sub>2</sub> ](P <sub>4</sub> O <sub>13</sub> ): a Phosphate Containing Three Types of Isolated P=O Groups. <i>Inorganic Chemistry</i> , 2016, 55, 7329-7331.	4.0	21
51	Effect of the [Ba <sub>2</sub> BO <sub>3</sub> F] Layer on the Band Gap: Synthesis, Characterization, and Theoretical Studies of BaZn <sub>2</sub> B <sub>2</sub> O <sub>6</sub> ·nBa <sub>2</sub> BO <sub>3</sub> F (n = 0, 1, 2). <i>Inorganic Chemistry</i> , 2016, 55, 4806-4812.	4.0	21
52	Mo <sup>6+</sup> Cation Enrichment of the Structure Chemistry of Iodates: Syntheses, Structures, and Calculations of Ba(MoO <sub>2</sub> ) <sub>2</sub> (IO <sub>3</sub> ) <sub>4</sub> O, Ba <sub>3</sub> (MoO <sub>2</sub> ) <sub>2</sub> (IO <sub>3</sub> ) <sub>4</sub> O(OH) <sub>4</sub> , and Sr[(MoO <sub>2</sub> ) <sub>6</sub> (IO <sub>4</sub> ) <sub>2</sub> O <sub>4</sub> ]·2H <sub>2</sub> O, and Sr[(MoO <sub>2</sub> ) <sub>6</sub> (IO <sub>4</sub> ) <sub>2</sub> O <sub>4</sub> ]·2H <sub>2</sub> O. <i>Inorganic Chemistry</i> , 2018, 57, 9376-9384.	4.0	21
53	Ba <sub>4</sub> M(CO <sub>3</sub> ) <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> (M=Ba, Sr): two borate-carbonates synthesized by open high temperature solution method. <i>Science China Materials</i> , 2019, 62, 1023-1032.	6.3	21
54	Pb <sub>4</sub> SeBr <sub>6</sub> : A Congruently Melting Mid-Infrared Nonlinear Optical Material with Excellent Comprehensive Performance. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	21

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55	$K_2TeP_2O_8$ : a new telluro-phosphate with a pentagonal $TeO_4$ layer structure. Dalton Transactions, 2018, 47, 9453-9458.	3.3	20
56	$ACaBO_3$ (A = Cs, Rb): two new cubic borates with isolated $BO_3$ groups. Dalton Transactions, 2017, 46, 4968-4974.	3.3	19
57	$Ba_4Ca(B_2O_5)_2F_2$ : $\pi$ -conjugation of $B_2O_5$ in the planar pentagonal layer achieving large second harmonic generation of <i>pyro</i> -borate. Chemical Science, 2021, 12, 13897-13901.	7.4	19
58	$Na_2Cd_7B_8O_{20}$ : a new noncentrosymmetric compound with special $[B_3O_7]$ units. CrystEngComm, 2013, 15, 3412.	2.6	18
59	Intriguing Dimensional Transition Inducing Variable Birefringence in $K_2Na_2Sn_3S_8$ and $Rb_3NaSn_3Se_8$ . Inorganic Chemistry, 2021, 60, 1055-1061.	4.0	18
60	Syntheses, crystal structures, and optical properties of $Pb_6B_3O_{10}X$ (X=F, Cl, Br). Journal of Solid State Chemistry, 2013, 204, 64-69.	2.9	17
61	Three Alkali Metal Lead Orthophosphates – Syntheses, Crystal Structures and Properties of $APbPO_4$ (A = K, Rb, Cs). European Journal of Inorganic Chemistry, 2015, 2015, 1490-1495.	2.0	17
62	Experiment and First-Principles Calculations of $A_2Mg_2TeB_2O_{10}$ (A = Pb, Ba): Influences of the Cosubstitution on the Structure Transformation and Optical Properties. Inorganic Chemistry, 2019, 58, 11127-11132.	4.0	17
63	Three non-centrosymmetric bismuth phosphates, $Li_2ABi(PO_4)_2$ (A = Tj, ET, Qq1, 1, 0.784314, rgBT). Frontiers, 2020, 7, 3364-3370.	6.0	17
64	$K_3B_4PO_{10}$ and $K_2MB_4PO_{10}$ (M = Tj, ET, Qq0, 0, 0, rgBT, Over). Frontiers, 2021, 8, 1468-1475.	6.0	17
65	Achieving a strong second harmonic generation response and a wide band gap in a Hg-based material. Inorganic Chemistry Frontiers, 2022, 9, 4075-4080.	6.0	17
66	A new polymorph of $Cd_3B_2O_6$ : synthesis, crystal structure and phase transformation. RSC Advances, 2014, 4, 13195-13200.	3.6	16
67	Crystal Growth and Associated Properties of a Nonlinear Optical Crystal – $Ba_2Zn(BO_3)_2$ . Crystals, 2016, 6, 68.	2.2	16
68	The Rubidium Barium Borate Resulting from $B_7O_{15}$ Fundamental Building Block Exhibits DUV Cutoff Edge. Inorganic Chemistry, 2018, 57, 13380-13385.	4.0	16
69	Syntheses, characterization, and theoretical calculation of $Rb_2Mg_3(P_2O_7)_2$ polymorphs with deep-ultraviolet cutoff edges. Science China Materials, 2020, 63, 593-601.	6.3	16
70	Syntheses, structures and characterization of non-centrosymmetric $Rb_2Zn_3(P_2O_7)_2$ and centrosymmetric $Cs_2M_3(P_2O_7)_2$ (M = Zn and Mg). Inorganic Chemistry Frontiers, 2020, 7, 3482-3490.	6.0	15
71	$Bi_{32}Cd_3P_{10}O_{76}$ : a new congruently melting nonlinear optical crystal with a large SHG response and a wide transparent region. Inorganic Chemistry Frontiers, 2021, 8, 344-351.	6.0	14
72	$K_2ZnMoP_2O_{10}$ : a novel nonlinear optical molybdophosphate with a strong second harmonic generation response and moderate birefringence. Journal of Materials Chemistry C, 2021, 9, 15321-15328.	5.5	14

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73	Syntheses, characterization and calculations of $\text{Li}_m\text{An}_n\text{M}_6\text{O}_{15}$ (A=Rb, Cs; M=Si, Ge; m+n=6). <i>Science China Materials</i> , 2020, 63, 1769-1778.	6.3	14
74	One-Side Capping in Two-Dimensional $\text{WO}_3$ -Type Materials Leading to Strong Second-Harmonic Response. <i>Chemistry of Materials</i> , 2022, 34, 3501-3508.	6.7	14
75	Application of the dimensional reduction formalism to $\text{Pb}_9\text{B}_x[\text{Li}_2(\text{P}_2\text{O}_7)_2(\text{P}_4\text{O}_{13})_2]$ ( $x = 0, 2, 6, 7$ ): a series of phosphates with two types of isolated polyphosphate groups. <i>Dalton Transactions</i> , 2017, 46, 4678-4684.	3.3	13
76	Crystal Growth and Linear and Nonlinear Optical Properties of $\text{KIO}_3 \cdot \text{Te}(\text{OH})_6$ . <i>Crystal Growth and Design</i> , 2017, 17, 4405-4412.	3.0	13
77	A New Cesium Pentaborate with New $\text{B}_{10}\text{O}_{19}$ Building Blocks. <i>Inorganic Chemistry</i> , 2014, 53, 2358-2360.	4.0	12
78	Influence of Cation on the Anion Frameworks and Properties of Four Lead Phosphates, $\text{A}_2\text{PbBi}_2(\text{PO}_4)_2(\text{P}_2\text{O}_7)$ (A = Rb, Cs) and $\text{A}_2\text{PbP}_2\text{O}_7$ (A = K, Rb). <i>Inorganic Chemistry</i> , 2020, 59, 2945-2951.	4.0	12
79	$\text{Ba}_7(\text{BO}_3)_3\text{GeO}_4\text{X}$ (X= Cl, Br): borogermanate halides with rigid $\text{GeO}_4$ tetrahedra and flexible $\text{XBa}_6$ octahedra. <i>RSC Advances</i> , 2015, 5, 53448-53454.	3.6	11
80	Synthesis, Structure, and Characterization of $\text{BaTi}(\text{IO}_3)_6 \cdot 0.5\text{H}_2\text{O}$ . <i>Inorganic Chemistry</i> , 2020, 59, 15430-15437.	4.0	11
81	Experimental and ab initio studies of two UV nonlinear optical materials. <i>RSC Advances</i> , 2017, 7, 20259-20265.	3.6	10
82	Structural insights into three phosphates with distinct polyanionic configurations. <i>Dalton Transactions</i> , 2019, 48, 13406-13412.	3.3	10
83	$\text{M}_2\text{Ca}_3\text{B}_{16}\text{O}_{28}$ (M = Rb, Cs): structures analogous to SBBO with three-dimensional open-framework layers. <i>RSC Advances</i> , 2016, 6, 14205-14210.	3.6	9
84	$\text{K}_9[\text{B}_4\text{O}_5(\text{OH})_4]_3(\text{CO}_3)_3\text{X}_7\text{H}_2\text{O}$ (X = Cl, Br): Syntheses, Characterizations, and Theoretical Studies of Noncentrosymmetric Halogen Borate-Carbonates with Short UV Cutoff Edges. <i>Inorganic Chemistry</i> , 2019, 58, 6974-6982.	4.0	9
85	Syntheses, structures, anomalous phase transition and optical properties of two new polymorphic $\text{Li}^\pm$ - and $\text{Li}^2$ - $\text{LiMoPO}_6$ . <i>Dalton Transactions</i> , 2019, 48, 16626-16632.	3.3	9
86	$\text{LaTeBO}_5$ : a new borotellurite with a large birefringence activated by the highly distorted $[\text{Te}(\text{iv})\text{O}_4]$ group. <i>Dalton Transactions</i> , 2021, 50, 12404-12407.	3.3	9
87	Ultraviolet nonlinear optical crystals $\text{A}_3\text{SrBi}(\text{P}_2\text{O}_7)_2$ (A = K, Rb) with large second harmonic generation responses. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2061-2067.	6.0	9
88	$\text{Li}_2\text{BaSc}(\text{BO}_3)_2\text{F}$ and $\text{LiBa}_2\text{Pb}(\text{BO}_3)_2\text{F}$ with Layered Structures featuring Special $\text{Li}^\pm\text{O}/\text{F}$ Configurations. <i>Chemistry - A European Journal</i> , 2018, 24, 15477-15481.	3.3	8
89	Flexible coordination of Pb atoms and variable zinc borate frameworks to construct three $\text{Pb}_5\text{Zn}_4\text{B}_6\text{O}_{18}$ polymorphs. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2501-2507.	6.0	8
90	New polymorphism for $\text{BaTi}(\text{IO}_3)_6$ with two polymorphs crystallizing in the same space group. <i>Dalton Transactions</i> , 2020, 49, 8443-8447.	3.3	8



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91	Ba <sub>6</sub> BO <sub>3</sub> Cl <sub>9</sub> and Pb <sub>6</sub> BO <sub>4</sub> Cl <sub>7</sub> : structural insights into ortho-borates with uncondensed BO <sub>4</sub> tetrahedra. <i>Chemical Communications</i> , 2020, 56, 6086-6089.	4.1	8
92	Synthesis, Structure, Characterization, and Calculation of a Noncentrosymmetric Fluorine-Containing Indium Iodate, Ba[InF <sub>3</sub> (IO <sub>3</sub> ) <sub>2</sub> ]. <i>Crystal Growth and Design</i> , 2021, 21, 4005-4012.	3.0	8
93	Inducing large birefringence by enhancing asymmetric electron distribution of Y <sup>4+</sup> O polyhedra. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1956-1963.	6.0	8
94	An Effective Strategy for Designing Nonlinear Optical Crystals by Combining the Structure-Directing Property of Oxyfluorides with Chemical Substitution. <i>Angewandte Chemie</i> , 2021, 133, 25506-25510.	2.0	7
95	Synthesis, structure and characterization of three new Mg-containing phosphates with deep-UV cut-off edges. <i>New Journal of Chemistry</i> , 2020, 44, 6771-6777.	2.8	6
96	Effect of Mo/P Ratios on Dimensions: Syntheses, Structures, and Properties of Three New Molybdophosphates. <i>Inorganic Chemistry</i> , 2020, 59, 5742-5750.	4.0	6
97	An unusual density evolution between SrCdB <sub>2</sub> O <sub>5</sub> polymorphs. <i>Dalton Transactions</i> , 2015, 44, 15823-15828.	3.3	5
98	Pb <sub>10</sub> O <sub>4</sub> (BO <sub>3</sub> ) <sub>3</sub> l <sub>3</sub> : a new noncentrosymmetric oxyborate iodide synthesized by the straightforward hydrothermal method. <i>Dalton Transactions</i> , 2019, 48, 14996-15001.	3.3	5
99	Three diphosphates, $\hat{\pm}$ -Li <sub>2</sub> Na <sub>2</sub> P <sub>2</sub> O <sub>7</sub> , Li <sub>8</sub> Pb <sub>3</sub> Ba(P <sub>2</sub> O <sub>7</sub> ) <sub>4</sub> and Li <sub>7</sub> Rb(P <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> : influences of co-substitution on the crystal structure. <i>Dalton Transactions</i> , 2020, 49, 6744-6750.	3.3	5
100	Designing A New Infrared Nonlinear Optical Material, $\hat{\pm}$ -BaGa <sub>2</sub> Se <sub>4</sub> Inspired by the Phase Transition of the BaB <sub>2</sub> O <sub>4</sub> (BBO) Crystal. <i>Angewandte Chemie</i> , 0, , .	2.0	5
101	K <sub>6</sub> Bi <sub>13</sub> (PO <sub>4</sub> ) <sub>15</sub> , K <sub>5</sub> Bi(P <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> , A <sub>5</sub> Bi <sub>5</sub> (PO <sub>4</sub> ) <sub>4</sub> (P <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (A=K, Rb): New Bismuth Phosphates with Different Condensed Phosphate Groups. <i>Journal of Alloys and Compounds</i> , 2021, 896, 163066.	5.5	5
102	Syntheses, structures and properties of metal phosphates Pb <sub>2</sub> Mg(PO <sub>4</sub> ) <sub>2</sub> , Pb <sub>4</sub> Zn <sub>8</sub> (PO <sub>4</sub> ) <sub>8</sub> and $\hat{\pm}$ -BaZn <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> . <i>Dalton Transactions</i> , 2017, 46, 16034-16040.	3.3	4
103	Pb <sub>3</sub> Ba <sub>3</sub> Zn <sub>6</sub> (BO <sub>3</sub> ) <sub>8</sub> and $\hat{\pm}$ -BaZn <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> : new members of the zincoborates containing two different dimensional Zn <sup>2+</sup> O units. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 101-107.	6.0	4
104	Synthesis and characterization of three new rare-earth orthoborates: Ba <sub>2</sub> MgY <sub>2</sub> (BO <sub>3</sub> ) <sub>4</sub> , Ba <sub>2</sub> CdY <sub>2</sub> (BO <sub>3</sub> ) <sub>4</sub> , and Ba <sub>2</sub> CdSc(BO <sub>3</sub> ) <sub>3</sub> . <i>Dalton Transactions</i> , 2020, 49, 10874-10879.	3.3	4
105	New Borate-citrate: Synthesis, Structure, and Properties of Sr[B(C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> ) <sub>2</sub> ](H <sub>2</sub> O) <sub>4</sub> ·3H <sub>2</sub> O <sub>3</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 856-860.		
106	Ba <sub>3</sub> B <sub>10</sub> O <sub>17</sub> Br <sub>2</sub> : a new barium borate halide with B <sup>4+</sup> O layered structure. <i>Dalton Transactions</i> , 2018, 47, 16418-16421.	3.3	3
107	An alkali metal phosphate RbPbBi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> with three kinds of disorder: the effect of isolated soft cation units on the crystal structure. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2050-2054.	6.0	3
108	Li <sub>3</sub> CaB <sub>2</sub> O <sub>5</sub> F: a unique sandwich-like structure with diverse and wide Li ion diffusion pathways. <i>Dalton Transactions</i> , 2020, 49, 12184-12188.	3.3	3

#	ARTICLE	IF	CITATIONS
109	In[Ba <sub>3</sub> Cl <sub>3</sub> F <sub>6</sub> ]: a novel infrared-transparent molecular sieve constructed by halides. <i>Chemical Communications</i> , 2020, 56, 3297-3300.	4.1	3
110	The first rare-earth lead phosphates Pb <sub>3</sub> AP <sub>3</sub> O <sub>12</sub> (A=Sc, Gd) with remarkable SHG enhancement. <i>Journal of Solid State Chemistry</i> , 2020, 286, 121276.	2.9	3
111	AC <sub>5</sub> Bi <sub>4</sub> (PO <sub>4</sub> ) <sub>2</sub> (P <sub>2</sub> O <sub>7</sub> ) <sub>3</sub> (A = K, Rb and Cs) with two kinds of isolated P=O groups designed by dimensional reduction theory. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 5270-5276.	6.0	3
112	Sr <sub>3</sub> [SnOSe <sub>3</sub> ][CO <sub>3</sub> ]: A Heteroanionic Nonlinear Optical Material Containing Planar π-conjugated [CO <sub>3</sub> ] and Heteroleptic [SnOSe <sub>3</sub> ] Anionic Groups. <i>Angewandte Chemie</i> , 0, .	2.0	3
113	Nonlinear Optical Materials: The Next Generation of Nonlinear Optical Materials: Rb <sub>3</sub> Ba <sub>3</sub> Li <sub>2</sub> Al <sub>4</sub> B <sub>6</sub> O <sub>20</sub> Fâ”Synthesis, Characterization, and Crystal Growth ( <i>Advanced Optical Materials</i> 23/2017). <i>Advanced Optical Materials</i> , 2017, 5, .	7.3	1
114	Cd <sub>4</sub> InO(BO <sub>3</sub> ) <sub>3</sub> : A New Nonlinear Optical Crystal Exhibiting Strong Second Harmonic Generation Effect and Moderate Birefringence. <i>Crystals</i> , 2022, 12, 266.	2.2	0