

# Hongping Wu

## List of Publications by Year in descending order

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114  
papers

5,567  
citations

136950

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h-index

82547

72  
g-index

115  
all docs

115  
docs citations

115  
times ranked

1401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing A New Infrared Nonlinear Optical Material, $\text{BaGa}_2\text{Se}_4$ Inspired by the Phase Transition of the $\text{BaB}_2\text{O}_4$ (BBO) Crystal. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	37
2	$\text{Pb}_4\text{SeBr}_6$ : A Congruently Melting Mid-Infrared Nonlinear Optical Material with Excellent Comprehensive Performance. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	21
3	$\text{NH}_4(\text{B}_6\text{PO}_{10}(\text{OH})_4)_2\text{H}_2\text{O}$ : exhibiting the largest birefringence in borophosphates. <i>Chemical Communications</i> , 2022, 58, 2834-2837.	4.1	24
4	Inducing large birefringence by enhancing asymmetric electron distribution of $\text{Y}_2\text{O}$ polyhedra. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1956-1963.	6.0	8
5	$\text{Cd}_4\text{InO}(\text{BO}_3)_3$ : A New Nonlinear Optical Crystal Exhibiting Strong Second Harmonic Generation Effect and Moderate Birefringence. <i>Crystals</i> , 2022, 12, 266.	2.2	0
6	$\text{Sr}_3[\text{SnOSe}_3][\text{CO}_3]$ : A Heteroanionic Nonlinear Optical Material Containing Planar $\pi$ -conjugated $[\text{CO}_3]$ and Heteroleptic $[\text{SnOSe}_3]$ Anionic Groups. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	38
7	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
8	Rational design of a promising oxychalcogenide infrared nonlinear optical crystal. <i>Chemical Science</i> , 2022, 13, 5305-5310.	7.4	27
9	Achieving a strong second harmonic generation response and a wide band gap in a Hg-based material. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 4075-4080.	6.0	17
10	Intriguing Dimensional Transition Inducing Variable Birefringence in $\text{K}_2\text{Na}_2\text{Sn}_3\text{S}_8$ and $\text{Rb}_3\text{NaSn}_3\text{Se}_8$ . <i>Inorganic Chemistry</i> , 2021, 60, 1055-1061.	4.0	18
11	$\text{Bi}_{32}\text{Cd}_3\text{P}_{10}\text{O}_{76}$ : a new congruently melting nonlinear optical crystal with a large SHG response and a wide transparent region. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 344-351.	6.0	14
12	$\text{K}_3\text{B}_4\text{PO}_{10}$ and $\text{K}_2\text{MB}_4\text{PO}_{10}$ (M) $\text{Tj ETQqO O O rgBT /Over}$ <i>Frontiers</i> , 2021, 8, 1468-1475.	6.0	17
13	$\text{LaTeBO}_5$ : 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
14	$\text{Ba}_4\text{Ca}(\text{B}_2\text{O}_5)_2\text{F}_2$ : $\pi$ -conjugation of $\text{B}_2\text{O}_5$ in the planar pentagonal layer achieving large second harmonic generation of <i>pyro</i> -borate. <i>Chemical Science</i> , 2021, 12, 13897-13901.	7.4	19
15	$\text{K}_5\text{Mg}_2\text{La}_3(\text{BO}_3)_6$ : An Efficient, Deep-Ultraviolet Nonlinear Optical Material. <i>Chemistry of Materials</i> , 2021, 33, 4240-4246.	6.7	33
16	$\text{BaYOBO}_3$ : 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
17	Synthesis, Structure, Characterization, and Calculation of a Noncentrosymmetric Fluorine-Containing Indium Iodate, $\text{Ba}[\text{InF}_3(\text{IO}_3)_2]$ . <i>Crystal Growth and Design</i> , 2021, 21, 4005-4012.	3.0	8
18	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

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19	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
20	Ultraviolet nonlinear optical crystals $A_3SrBi_2P_2O_7$ ( $A = K, Rb$ ) with large second harmonic generation responses. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2061-2067.	6.0	9
21	$AC_5Bi_4(PO_4)_2(P_2O_7)_3$ ( $A = K, Rb$ 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
22	$K_2ZnMoP_2O_{10}$ : a novel nonlinear optical molybdophosphate with a strong second harmonic generation response and moderate birefringence. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15321-15328.	5.5	14
23	$K_6Bi_{13}(PO_4)_{15}, K_5Bi_2(P_2O_7)_2, A_5Bi_5(PO_4)_4(P_2O_7)_2$ ( $A=K, Rb$ ): New Bismuth Phosphates with Different Condensed Phosphate Groups. <i>Journal of Alloys and Compounds</i> , 2021, 896, 163066.	5.5	5
24	$\hat{I}2-BaGa_4Se_7$ : 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
25	$Pb_3Ba_3Zn_6(BO_3)_8$ and $\hat{I}\pm-BaZn_2(BO_3)_2$ : new members of the zincoborates containing two different dimensional $Zn=O$ units. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 101-107.	6.0	4
26	Syntheses, characterization, and theoretical calculation of $Rb_2Mg_3(P_2O_7)_2$ polymorphs with deep-ultraviolet cutoff edges. <i>Science China Materials</i> , 2020, 63, 593-601.	6.3	16
27	$Li_2K_4TiOGe_4O_{12}$ : A Stable Mid-Infrared Nonlinear Optical Material. <i>Chemistry of Materials</i> , 2020, 32, 906-912.	6.7	48
28	Synthesis, Structure, and Characterization of $d^0$ Transition-Metal Iodate: $BaTi(IO_3)_6 \cdot 0.5H_2O$ . <i>Inorganic Chemistry</i> , 2020, 59, 15430-15437.	4.0	11
29	$CsZn_2BO_3X_2$ ( $X = F, Cl$ , 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
30	$CsZn_2BO_3X_2$ ( $X = F, Cl$ ), $TjETQq000rgBT$ Properties. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19006-19010.	13.8	91
31	Three non-centrosymmetric bismuth phosphates, $Li_2ABi(PO_4)_2$ ( $A = TjETQq110.784314rgB$ Frontiers, 2020, 7, 3364-3370.	6.0	17
32	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 $Mg$ ). <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3482-3490.	6.0	15
33	Synthesis and characterization of three new rare-earth orthoborates: $Ba_2MgY_2(BO_3)_4$ , $Ba_2CdY_2(BO_3)_4$ , and $Ba_2CdSc(BO_3)_3$ . <i>Dalton Transactions</i> , 2020, 49, 10874-10879.	3.3	4
34	$Li_3CaB_2O_5F$ : a unique sandwich-like structure with diverse and wide Li ion diffusion pathways. <i>Dalton Transactions</i> , 2020, 49, 12184-12188.	3.3	3
35	$PbSrSiO_4$ : 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
36	New polymorphism for $BaTi(IO_3)_6$ with two polymorphs crystallizing in the same space group. <i>Dalton Transactions</i> , 2020, 49, 8443-8447.	3.3	8

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37	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
38	Designing Silicates as Deep-UV Nonlinear Optical (NLO) Materials using Edge-Sharing Tetrahedra. <i>Angewandte Chemie</i> , 2020, 132, 9007-9011.	2.0	35
39	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
40	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
41	BaF <sub>2</sub> TeF <sub>2</sub> (OH) <sub>2</sub> : 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
42	Influence of Cation on the Anion Frameworks and Properties of Four Lead Phosphates, A <sub>2</sub> PbBi <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (P <sub>2</sub> O <sub>7</sub> ) (A = Rb, Cs) and A <sub>2</sub> PbP <sub>2</sub> O <sub>7</sub> (A = K, Rb). <i>Inorganic Chemistry</i> , 2020, 59, 2945-2951.	4.0	12
43	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
44	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
45	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
46	Three diphosphates, 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
47	Syntheses, characterization and calculations of LimAnM <sub>6</sub> O <sub>15</sub> (A=Rb, Cs; M=Si, Ge; m+n=6). <i>Science China Materials</i> , 2020, 63, 1769-1778.	6.3	14
48	Structural insights into three phosphates with distinct polyanionic configurations. <i>Dalton Transactions</i> , 2019, 48, 13406-13412.	3.3	10
49	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
50	Experiment and First-Principles Calculations of A <sub>2</sub> Mg <sub>2</sub> TeB <sub>2</sub> O <sub>10</sub> (A = Pb, Ba): Influences of the Cosubstitution on the Structure Transformation and Optical Properties. <i>Inorganic Chemistry</i> , 2019, 58, 11127-11132.	4.0	17
51	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 ETQqđ.đ 0.7843đ 14 rgBT		
52	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
53	K <sub>9</sub> [B <sub>4</sub> O <sub>5</sub> (OH) <sub>4</sub> ] <sub>3</sub> (CO <sub>3</sub> ) <sub>3</sub> X <sub>7</sub> H <sub>2</sub> 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
54	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

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55	Syntheses, structures, anomalous phase transition and optical properties of two new polymorphic $\hat{1}\pm$ - and $\hat{1}^2$ -LiMoPO <sub>6</sub> . Dalton Transactions, 2019, 48, 16626-16632.	3.3	9
56	Ba <sub>3</sub> B <sub>10</sub> O <sub>17</sub> Br <sub>2</sub> : a new barium borate halide with Bâ€‘O layered structure. Dalton Transactions, 2018, 47, 16418-16421.	3.3	3
57	The Rubidium Barium Borate Resulting from B <sub>7</sub> O <sub>15</sub> Fundamental Building Block Exhibits DUV Cutoff Edge. Inorganic Chemistry, 2018, 57, 13380-13385.	4.0	16
58	Li <sub>2</sub> BaSc(BO <sub>3</sub> ) <sub>2</sub> F and LiBa <sub>2</sub> Pb(BO <sub>3</sub> ) <sub>2</sub> F with Layered Structures featuring Special Liâ€™O/F Configurations. Chemistry - A European Journal, 2018, 24, 15477-15481.	3.3	8
59	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 rge Substitution Application in Cyclophosphate Family and Nonlinear Optical Properties. Inorganic Chemistry, 2018, 57, 7372-7379.	4.0	26
60	K <sub>2</sub> TeP <sub>2</sub> O <sub>8</sub> : a new telluro-phosphate with a pentagonal Teâ€™Pâ€™O layer structure. Dalton Transactions, 2018, 47, 9453-9458.	3.3	20
61	Ba <sub>3</sub> Mg <sub>3</sub> (BO <sub>3</sub> ) <sub>3</sub> F <sub>3</sub> polymorphs with reversible phase transition and high performances as ultraviolet nonlinear optical materials. Nature Communications, 2018, 9, 3089.	12.8	314
62	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> ]Â·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> ]Â·H <sub>2</sub> O. Inorganic Chemistry, 2018, 57, 9376-9384.	4.0	21
63	Flexible coordination of Pb atoms and variable zincâ€™borate frameworks to construct three Pb <sub>5</sub> Zn <sub>4</sub> B <sub>6</sub> O <sub>18</sub> polymorphs. Inorganic Chemistry Frontiers, 2018, 5, 2501-2507.	6.0	8
64	M <sub>4</sub> Mg <sub>4</sub> (P <sub>2</sub> O <sub>7</sub> ) <sub>3</sub> (M = K, Rb): Structural Engineering of Pyrophosphates for Nonlinear Optical Applications. Chemistry of Materials, 2017, 29, 1845-1855.	6.7	187
65	ACaBO <sub>3</sub> (A = Cs, Rb): two new cubic borates with isolated BO <sub>3</sub> groups. Dalton Transactions, 2017, 46, 4968-4974.	3.3	19
66	Phase-Matching in Nonlinear Optical Compounds: A Materials Perspective. Chemistry of Materials, 2017, 29, 2655-2668.	6.7	177
67	Experimental and ab initio studies of two UV nonlinear optical materials. RSC Advances, 2017, 7, 20259-20265.	3.6	10
68	Application of the dimensional reduction formalism to Pb <sub>9</sub> â€™xBax[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> ] (x = 0, 2, 6, 7): a series of phosphates with two types of isolated polyphosphate groups. Dalton Transactions, 2017, 46, 4678-4684.	3.3	13
69	The Nextâ€™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, 7.3 Characterization, and Crystal Growth. Advanced Optical Materials, 2017, 5, 1700840.		68
70	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 $\hat{1}\pm$ -BaZn <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> . Dalton Transactions, 2017, 46, 16034-16040.	3.3	4
71	Deep-Ultraviolet Nonlinear-Optical Material K <sub>3</sub> Sr <sub>3</sub> Li <sub>2</sub> Al <sub>4</sub> B <sub>6</sub> O <sub>20</sub> F: Addressing the Structural Instability Problem in KBe <sub>2</sub> BO <sub>3</sub> F <sub>2</sub> . Inorganic Chemistry, 2017, 56, 8755-8758.	4.0	82
72	Nonlinear Optical Materials: The Nextâ€™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, 7.3 Characterization, and Crystal Growth (Advanced Optical Materials 23/2017). Advanced Optical Materials, 2017, 5, .		1

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73	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
74	Crystal Growth and Associated Properties of a Nonlinear Optical Crystal $\text{Ba}_2\text{Zn}(\text{BO}_3)_2$ . <i>Crystals</i> , 2016, 6, 68.	2.2	16
75	Application of the Dimensional Reduction Formalism to $\text{Pb}_{12}[\text{Li}_2(\text{P}_2\text{O}_7)_2(\text{P}_4\text{O}_{13})_2](\text{P}_4\text{O}_{13})$ : a Phosphate Containing Three Types of Isolated $\text{PO}_4$ Groups. <i>Inorganic Chemistry</i> , 2016, 55, 7329-7331.	4.0	21
76	Top-Seeded Solution Crystal Growth, Morphology, Optical and Thermal Properties of $\text{Ba}_3(\text{Zn}_5\text{O}_{10})\text{PO}_4$ . <i>Crystal Growth and Design</i> , 2016, 16, 3976-3982.	3.0	34
77	Effect of the $[\text{Ba}_2\text{BO}_3\text{F}]_n$ Layer on the Band Gap: Synthesis, Characterization, and Theoretical Studies of $\text{BaZn}_2\text{B}_2\text{O}_6 \cdot n\text{Ba}_2\text{BO}_3\text{F}$ ( $n = 0, 1, 2$ ). <i>Inorganic Chemistry</i> , 2016, 55, 4806-4812.	4.0	21
78	The mechanism of large second harmonic generation enhancement activated by $\text{Zn}^{2+}$ substitution. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 32931-32936.	2.8	31
79	$\text{LiNa}_5\text{Mo}_9\text{O}_{30}$ : Crystal Growth, Linear, and Nonlinear Optical Properties. <i>Chemistry of Materials</i> , 2016, 28, 4483-4491.	6.7	61
80	Electronic, Crystal Chemistry, and Nonlinear Optical Property Relationships in the Dugganite $\text{A}_3\text{B}_3\text{CD}_2\text{O}_{14}$ Family. <i>Journal of the American Chemical Society</i> , 2016, 138, 4984-4989.	13.7	118
81	$\text{NaBa}_4(\text{Ga}_4\text{O}_9)_2\text{X}_3$ ( $\text{X} = \text{Cl}, \text{Br}$ ) with NLO-Active $\text{GaO}_4$ Tetrahedral Unit: Experimental and ab Initio Studies. <i>Journal of Physical Chemistry C</i> , 2016, 120, 6190-6197.	3.1	22
82	$\text{M}_2\text{Ca}_3\text{B}_{16}\text{O}_{28}$ ( $\text{M} = \text{Rb}, \text{Cs}$ ): structures analogous to SBBO with three-dimensional open-framework layers. <i>RSC Advances</i> , 2016, 6, 14205-14210.	3.6	9
83	Simulated pressure-induced blue-shift of phase-matching region and nonlinear optical mechanism for $\text{K}_3\text{B}_6\text{O}_{10}\text{X}$ ( $\text{X} = \text{Cl}, \text{Br}$ ). <i>Applied Physics Letters</i> , 2015, 106, .	3.3	121
84	Three Alkali Metal Lead Orthophosphates $\text{APbPO}_4$ ( $\text{A} = \text{K}, \text{Rb}, \text{Cs}$ ). <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1490-1495.	2.0	17
85	An unusual density evolution between $\text{SrCd}_2\text{B}_2\text{O}_5$ polymorphs. <i>Dalton Transactions</i> , 2015, 44, 15823-15828.	3.3	5
86	Polar Polymorphism: $\hat{1}\pm$ , $\hat{1}^2$ , and $\hat{1}^3$ - $\text{Pb}_2\text{Ba}_4\text{Zn}_4\text{B}_{14}\text{O}_{31}$ $\hat{1}^2$ Synthesis, Characterization, and Nonlinear Optical Properties. <i>Chemistry of Materials</i> , 2015, 27, 4779-4788.	6.7	75
87	$\text{Ba}_7(\text{BO}_3)_3\text{GeO}_4\text{X}$ ( $\text{X} = \text{Cl}, \text{Br}$ ): 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
88	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
89	$\text{Pb}_3\text{B}_6\text{O}_{11}\text{F}_2$ : 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
90	Synthesis, structures, optical properties and electronic structures of two mixed metal borates $\text{MBaB}_5\text{O}_9$ ( $\text{M} = \text{Na}, \text{K}$ ). <i>Journal of Alloys and Compounds</i> , 2014, 585, 602-607.	5.5	22

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91	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
92	A new polymorph of $\text{Cd}_3\text{B}_2\text{O}_6$ : synthesis, crystal structure and phase transformation. <i>RSC Advances</i> , 2014, 4, 13195-13200.	3.6	16
93	$\text{Pb}_4\text{Zn}_2\text{B}_{10}\text{O}_{21}$ : a congruently melting lead zinc borate with a novel $[\text{B}_{10}\text{O}_{24}]$ anionic group and an interesting $[\text{Pb}_4\text{O}_{12}]^{\text{z}}$ chain. <i>New Journal of Chemistry</i> , 2014, 38, 285-291.	2.8	27
94	Effect of Halogen (Cl, Br) on the Symmetry of Flexible Perovskite-Related Framework. <i>Inorganic Chemistry</i> , 2014, 53, 11213-11220.	4.0	30
95	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
96	$\text{Cs}_3\text{Zn}_6\text{B}_9\text{O}_{21}$ : 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
97	Syntheses, crystal structures, and optical properties of $\text{Pb}_6\text{B}_3\text{O}_{10}\text{X}$ (X=F, Cl, Br). <i>Journal of Solid State Chemistry</i> , 2013, 204, 64-69.	2.9	17
98	Effect of Rigid Units on the Symmetry of the Framework: Design and Synthesis of Centrosymmetric $\text{NaBa}_4(\text{B}_5\text{O}_9)_2\text{F}_2\text{Cl}$ and Noncentrosymmetric $\text{NaBa}_4(\text{AlB}_4\text{O}_9)_2\text{Br}_3$ . <i>Crystal Growth and Design</i> , 2013, 13, 3514-3521.	3.0	43
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