

## List of PR Articles by Year in descending order

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329

PR articles

18,905

PR citations

9278

64

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8854

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19139

doc citations

12877

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citing authors

#	ARTICLE	IF	PR
1	Deep ultraviolet transparent borophosphates $\text{LiAB}_2\text{P}_2\text{O}_9$ ( $A = \text{Tj, ET, Qq1}$ ) $\text{LiNaB}_2\text{P}_2\text{O}_8$ ( $\text{OH}$ ) $\cdot\text{H}_2\text{O}$ exhibiting a moderate second-harmonic generation response. <i>Journal of Materials Chemistry C</i> , 2025, 13, 3251-3258.	0.784314	2
2	Selenoborates: a latent structure resource for infrared functional crystal materials. <i>Inorganic Chemistry Frontiers</i> , 2025, 12, 2182-2193.	6.4	1
3	Optimizing optical anisotropy in low-dimensional structures <i>via</i> intralayer hydrogen bonding modulation and anionic substitution. <i>Materials Horizons</i> , 2025, 12, 3538-3545.	10.3	12
4	$\text{A}^{\text{I}}\text{B}_3\text{C}_2\text{Q}_6\text{V}_6\text{X}^{\text{VII}}$ : A Thioborate Halide Family for Developing Wide Bandgap Infrared Nonlinear Materials by Coupling Planar $[\text{B}_3]$ and Polycations. <i>Small</i> , 2024, 20, .	11.5	16
5	$\text{PbTeB}_4\text{O}_9$ : a lead tellurium borate with unprecedented fundamental building block $[\text{B}_4\text{O}_{10}]$ and large birefringence. <i>Chemical Communications</i> , 2024, 60, 340-343.	3.9	11
6	$\text{Cd}_8(\text{BO}_3)_4\text{SiO}_4$ : Metal Cation Inducing the Formation of Isolated $[\text{BO}_3]$ and $[\text{SiO}_4]$ Units in Borate Silicate. <i>Inorganic Chemistry</i> , 2024, 63, 852-859.	4.6	12
7	$\text{Hg}_7\text{P}_2\text{Se}_{12}$ : A New Hg-Based Selenide $\text{Hg}_7\text{P}_2\text{Se}_{12}$ Exhibiting Wide Infrared Transparency Range and Strong Nonlinear Optical Effect. <i>Advanced Functional Materials</i> , 2024, 34, .	16.9	60
8	New antimony fluorooxoborates with strong birefringence and unprecedented structural characterisation. <i>Chemical Communications</i> , 2024, 60, 2653-2656.	3.9	14
9	Where do the Fluorine Atoms Go in Inorganic Oxide Fluorinations? A Fluorooxoborate Illustration under Terahertz Light. <i>Angewandte Chemie - International Edition</i> , 2024, 63, .	14.1	25
10	Where do the Fluorine Atoms Go in Inorganic Oxide Fluorinations? A Fluorooxoborate Illustration under Terahertz Light. <i>Angewandte Chemie</i> , 2024, 136, .	1.4	0
11	Wide band gap selenide infrared nonlinear optical materials $\text{A}^{\text{II}}\text{Mg}_6\text{Ga}_6\text{Se}_{16}$ with strong SHG responses and high laser-induced damage thresholds. <i>Chemical Science</i> , 2024, 15, 6577-6582.	7.2	25
12	A Universal Design Strategy Achieving Large Birefringence and Short Phase-Matching Capability of Optical Materials via Dissimilating Non-Conjugated Units. <i>Advanced Optical Materials</i> , 2024, 12, .	7.0	6
13	$\text{NaB}(\text{OH})_3\text{CH}_3$ : a deep-ultraviolet optical crystal with unprecedented methyl-modified $[\text{B}(\text{OH})_3\text{CH}_3]$ units. <i>Journal of Materials Chemistry C</i> , 2024, 12, 7916-7920.	5.1	5
14	$\text{CsAlB}_3\text{O}_6\text{Cl}$ : the rational construction of a KBBF-type structure with aligned $\text{A}^{\text{II}}[\text{AlB}_3\text{O}_6\text{Cl}]$ layers <i>via</i> introducing unprecedented $[\text{AlO}_3\text{Cl}]$ tetrahedra. <i>Chemical Communications</i> , 2024, 60, 6516-6519.	3.9	5
15	Structure-Prediction-Oriented Synthesis of Thiophosphates as Promising Infrared Nonlinear Optical Materials. <i>Angewandte Chemie</i> , 2024, 136, .	1.4	0
16	Structure-Prediction-Oriented Synthesis of Thiophosphates as Promising Infrared Nonlinear Optical Materials. <i>Angewandte Chemie - International Edition</i> , 2024, 63, .	14.1	15
17	Recent advances in rational structure design for nonlinear optical crystals: leveraging advantageous templates. <i>Chemical Society Reviews</i> , 2024, 53, 6568-6599.	37.7	96
18	$\text{CsHg}_2\text{I}_5$ , a compound with rare $[\text{Hg}_2\text{I}_5]$ dimers and large optical anisotropy. <i>Dalton Transactions</i> , 2024, 53, 12090-12097.	3.2	1

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19	A Machine-Learning-Assisted Crystalline Structure Prediction Framework To Accelerate Materials Discovery. ACS Applied Materials & Interfaces, 2024, 16, 36658-36666.	8.0	12
20	[B <sub>3</sub> O <sub>3</sub> F <sub>4</sub> (OH)] <sup>2-</sup> : A Versatile Hydroxyfluorooxoborate Heteroanion Producing Compounds with Highly Tunable Optical Anisotropy. Chemistry of Materials, 2024, 36, 6985-6993.	6.8	13
21	NH <sub>4</sub> Y(SO <sub>4</sub> ) <sub>2</sub> ·H <sub>2</sub> O and NH <sub>4</sub> YSO <sub>4</sub> F <sub>2</sub> : Two New Ammonium Rare Earth Metal Sulfates with Enhanced Optical Anisotropy and Deep Ultraviolet Transmission. Crystal Research and Technology, 2024, 59, .	1.7	3
22	(C <sub>3</sub> N <sub>2</sub> H <sub>5</sub> )B <sub>3</sub> O <sub>3</sub> F <sub>2</sub> (OH) <sub>2</sub> : Realizing Large Birefringence via a Synergistic Effect between Anion F/OH Ratio Optimization and Cation Activation. Small Structures, 2024, 5, .	11.0	17
23	The Directional Design of the Quasi-Phase-Matching Short-Wave Ultraviolet Nonlinear Optical Crystal. Laser and Photonics Reviews, 2024, 18, .	9.2	19
24	Chemical modulation of Al <sup>I</sup> RE <sup>III</sup> C <sup>IV</sup> QVI <sub>4</sub> family compounds for band gap and optical anisotropy enhancement. Inorganic Chemistry Frontiers, 2024, 11, 6919-6927.	6.4	7
25	“One stone two birds”-design of borates featuring edge-sharing [BO <sub>4</sub> ] and different B=O configurations in one structure utilizing covalent tetrahedra. Journal of Materials Chemistry C, 2024, 12, 15032-15038.	5.1	5
26	Li <sub>2</sub> Ca <sub>8</sub> B <sub>12</sub> O <sub>24</sub> F <sub>6</sub> Cl and Li <sub>1.2</sub> Na <sub>2.8</sub> B <sub>6</sub> O <sub>11</sub> : A Case of Cation-Induced Birefringence Enhancement via Dimensional Changes of Highly Polymerized [B <sub>12</sub> O <sub>24</sub> ] Motifs. Inorganic Chemistry, 2024, 63, 16461-16469.	4.6	9
27	Research progress in optical materials with cationic organic planar $\pi$ -conjugated groups containing C=N bonds. Inorganic Chemistry Frontiers, 2024, 11, 7756-7774.	6.4	22
28	Shooting short-wavelength nonlinear optical materials with targeted balance performances in hydroxyborates through first-principles high-throughput screening. Inorganic Chemistry Frontiers, 2024, 11, 7843-7852.	6.4	1
29	Exploring short-wavelength birefringent crystals <i>via</i> triggering cooperative arrangement between different $\pi$ -conjugated groups. Chemical Communications, 2024, 60, 13566-13569.	3.9	4
30	Ca <sub>3</sub> Al <sub>2</sub> B <sub>8</sub> O <sub>18</sub> : borate with a graphene-like layer featuring two types of topological six-membered rings induced by [AlO <sub>4</sub> ] units. Chemical Communications, 2024, 60, 15047-15050.	3.9	5
31	Structural Evolution and Optical Properties of Hydroxyfluorooxoborates MM <sup>2</sup> <sub>2n-1</sub> [B <sub>3</sub> O <sub>3</sub> F <sub>4</sub> (OH)] <sub>n</sub> (M = K, Cs). Tj ETQq1 1 0.7843 6.8 11697-11705.	6.8	6
32	The New Paradigm of Ligand Substitution-Driven Enhancement of Anisotropy from SO <sub>4</sub> Units in Short-Wavelength Region. ACS Central Science, 2024, 10, 2312-2320.	8.9	8
33	Li <sub>0.5</sub> Na <sub>0.5</sub> AlB <sub>2</sub> O <sub>4</sub> F <sub>2</sub> : Fluoroaluminoborate with Aligned <sup>1</sup> $\alpha$ [BO <sub>2</sub> ] Chain Induced by Unprecedented [AlO <sub>3</sub> F <sub>3</sub> ] <sup>6-</sup> Species Features Enhanced Birefringence. Advanced Optical Materials, 2023, 11, .	7.0	25
34	Rb <sub>3</sub> B <sub>5</sub> O <sub>8</sub> F <sub>2</sub> and K <sub>0.6</sub> Rb <sub>2.4</sub> B <sub>5</sub> O <sub>8</sub> F <sub>2</sub> : two new deep-ultraviolet transparent nonlinear optical fluorooxoborates designed by cation regulation. Inorganic Chemistry Frontiers, 2023, 10, 787-792.	6.4	12
35	Rb <sub>2</sub> CdSi <sub>4</sub> S <sub>10</sub> : novel [Si <sub>4</sub> S <sub>10</sub> ] T <sub>2</sub> -supertetrahedra-contained infrared nonlinear optical material with large band gap. Materials Horizons, 2023, 10, 619-624.	10.3	70
36	Aluminoborates as Nonlinear Optical Materials. Angewandte Chemie - International Edition, 2023, 62, .	14.1	62

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37	LiNaB <sub>6</sub> O <sub>9</sub> F <sub>2</sub> : A Promising UV NLO Crystal Having Fluorine-Directed Optimal Performances and Double Interpenetrating [B <sub>6</sub> O <sub>9</sub> F <sub>2</sub> ] <sub>z</sub> Networks. <i>Advanced Optical Materials</i> , 2023, 11, .	7.0	27
38	Aluminoborates as Nonlinear Optical Materials. <i>Angewandte Chemie</i> , 2023, 135, .	1.4	12
39	Rational Design of the First Ammonium Magnesium Borate with Deep-Ultraviolet Cutoff Edge and Moderate Birefringence and Further Investigation into the Nature of Ammonium in the Borate System. <i>Inorganic Chemistry</i> , 2023, 62, 1697-1707.	4.6	14
40	Cs[B <sub>3</sub> O <sub>3</sub> F <sub>2</sub> (OH) <sub>2</sub> ]: discovery of a hydroxyfluorooxoborate guided by selective organic-inorganic transformation. <i>Chemical Communications</i> , 2023, 59, 2114-2117.	3.9	10
41	Identifying Ordered OH/F Anions in Hydroxyfluorides by a Terahertz Spectroscopic Approach. <i>Journal of Physical Chemistry C</i> , 2023, 127, 4367-4373.	3.1	15
42	NaRb <sub>6</sub> (B <sub>4</sub> O <sub>5</sub> (OH) <sub>4</sub> ) <sub>3</sub> (BO <sub>2</sub> ) <sub>3</sub> Featuring Noncentrosymmetry, Chirality, and the Linear Anionic Group BO <sub>2</sub> <sup>-</sup> . <i>Journal of the American Chemical Society</i> , 2023, 145, 4928-4933.	15.1	87
43	Target-Driven Design of Deep-UV Nonlinear Optical Materials via Interpretable Machine Learning. <i>Advanced Materials</i> , 2023, 35, .	24.3	95
44	CaB <sub>2</sub> O <sub>2</sub> F <sub>4</sub> : A Novel [BOF <sub>2</sub> ] <sub>z</sub> -Based Structural Template with a Strong Second Harmonic Generation Response and Large Band Gap. <i>Journal of Physical Chemistry C</i> , 2023, 127, 6586-6592.	3.1	2
45	Chain-like [S <sub>x</sub> ] <sub>z</sub> (x=2-6) Units Realizing Giant Birefringence with Transparency in the Near-Infrared for Optoelectronic Materials. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	14.1	41
46	Enhancing birefringence of non- $\pi$ -conjugated sulfate systems through rare-earth metal-centered polyhedra. <i>CrystEngComm</i> , 2023, 25, 2939-2945.	2.4	8
47	Theoretical Prediction-Assisted Synthesis and Characterization of Infrared Nonlinear Optical Material NaSrBS <sub>3</sub> . <i>Advanced Optical Materials</i> , 2023, 11, .	7.0	22
48	HgB <sub>2</sub> S <sub>4</sub> : A $x=10$ Metal Thioborate with Giant Birefringence and Wide Band Gap. <i>Chemistry of Materials</i> , 2023, 35, 4556-4563.	6.8	29
49	Achieving the full-wavelength phase-matching for efficient nonlinear optical frequency conversion in C(NH <sub>2</sub> ) <sub>3</sub> BF <sub>4</sub> . <i>Nature Photonics</i> , 2023, 17, 694-701.	29.1	438
50	Improved Birefringence Activated by Tetrahedra Decorated with a Single Linear Unit. <i>Angewandte Chemie</i> , 2023, 135, .	1.4	0
51	Improved Birefringence Activated by Tetrahedra Decorated with a Single Linear Unit. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	14.1	28
52	Stereochemically Active Tin(II)-Induced Enhancement of Birefringence in Sn <sup>II</sup> Sn <sup>IV</sup> (PO <sub>4</sub> ) <sub>2</sub> and SrSn(PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> . <i>Chemistry - A European Journal</i> , 2023, 29, .	3.3	3
53	Two Ultraviolet Optical Crystals K <sub>6</sub> B <sub>12</sub> O <sub>19</sub> F <sub>4</sub> and K <sub>12</sub> B <sub>28</sub> O <sub>48</sub> : The Effects of Metal Cations Size and the F Ions on the Structure. <i>Inorganic Chemistry</i> , 2023, 62, 7599-7604.	4.6	3
54	Recent progress in borate-based short-wavelength nonlinear optical crystals with boron-oxygen skeleton modification. <i>Materials Chemistry Frontiers</i> , 2023, 7, 4683-4692.	6.1	22



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73	MM <sup>2</sup> B <sub>3</sub> O <sub>4</sub> F <sub>3</sub> (M = K; M <sup>2</sup> = Na, K, Cs): Alkali-Metal Fluorooxoborates with <sup>1</sup> [B <sub>3</sub> O <sub>4</sub> F <sub>3</sub> ] Chains and Deep-Ultraviolet Cutoff Edges. <i>Inorganic Chemistry</i> , 2022, 61, 2713-2718.	4.6	10
74	Guanidinium Fluorooxoborates as Efficient Metal-free Short-Wavelength Nonlinear Optical Crystals. <i>Chemistry of Materials</i> , 2022, 34, 440-450.	6.8	129
75	Ba <sub>10</sub> Lu <sub>18</sub> O <sub>32</sub> F <sub>13</sub> : the first example of borate in the Lu <sup>Ba</sup> O <sup>F</sup> system with the unprecedented FBB [B <sub>9</sub> O <sub>22</sub> ]. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2298-2304.	6.4	12
76	“Removing Center” An Effective Structure Design Strategy for Nonlinear Optical Crystals. <i>Chemistry of Materials</i> , 2022, 34, 2429-2438.	6.8	32
77	Strong Nonlinearity Induced by Coaxial Alignment of Polar Chain and Dense [BO <sub>3</sub> ] Units in CaZn <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> . <i>Angewandte Chemie</i> , 2022, 134, .	1.4	10
78	Strong Nonlinearity Induced by Coaxial Alignment of Polar Chain and Dense [BO <sub>3</sub> ] Units in CaZn <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.1	196
79	Toward the Rational Design of Mid-Infrared Nonlinear Optical Materials with Targeted Properties via a Multi-Level Data-Driven Approach. <i>Advanced Functional Materials</i> , 2022, 32, .	16.9	98
80	[C <sub>3</sub> N <sub>6</sub> H <sub>7</sub> ] <sub>2</sub> [B <sub>3</sub> O <sub>3</sub> F <sub>4</sub> (OH)]: a new hybrid birefringent crystal with strong optical anisotropy induced by mixed functional units. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6590-6595.	5.1	76
81	(N <sub>2</sub> H <sub>6</sub> )[HPO <sub>3</sub> F] <sub>2</sub> : maximizing the optical anisotropy of deep-ultraviolet fluorophosphates. <i>Chemical Communications</i> , 2022, 58, 5594-5597.	3.9	31
82	Noncentrosymmetric Rare-Earth Borate Fluoride La <sub>2</sub> B <sub>5</sub> O <sub>9</sub> F <sub>3</sub> : A New Ultraviolet Nonlinear Optical Crystal with Enhanced Linear and Nonlinear Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 18704-18712.	8.0	45
83	The Combination of Structure Prediction and Experiment for the Exploration of Alkali-Earth Metal-Contained Chalcopyrite-Like IR Nonlinear Optical Material. <i>Advanced Science</i> , 2022, 9, .	12.7	83
84	Lone Pair-Driven Enhancement of Birefringence in Polar Alkali Metal Antimony Phosphates. <i>Chemistry of Materials</i> , 2022, 34, 4224-4231.	6.8	39
85	Double-Modification Oriented Design of a Deep-UV Birefringent Crystal Functionalized by [B <sub>12</sub> O <sub>16</sub> F <sub>4</sub> (OH) <sub>4</sub> ] Clusters. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.1	121
86	Double-Modification Oriented Design of a Deep-UV Birefringent Crystal Functionalized by [B <sub>12</sub> O <sub>16</sub> F <sub>4</sub> (OH) <sub>4</sub> ] Clusters. <i>Angewandte Chemie</i> , 2022, 134, .	1.4	9
87	Promising Deep-Ultraviolet Birefringent Materials via Rational Design and Assembly of Planar <sup>+</sup> Conjugated [B(OH) <sub>3</sub> ] and [B <sub>3</sub> O <sub>3</sub> (OH) <sub>3</sub> ] Functional Species. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.1	68
88	Enhancement of Birefringence in Borophosphate Pushing Phase-Matching into the Short-Wavelength Region. <i>Journal of the American Chemical Society</i> , 2022, 144, 9083-9090.	15.1	136
89	Second-Harmonic Generation-Positive Na <sub>2</sub> Ga <sub>2</sub> Si <sub>6</sub> with a Broad Band Gap and a High Laser Damage Threshold. <i>Inorganic Chemistry</i> , 2022, 61, 7546-7552.	4.6	12
90	CsAB <sub>8</sub> O <sub>12</sub> F <sub>2</sub> ·A·CsI (A = K <sup>+</sup> ), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (NH <sub>4</sub> ) <sub>2</sub> structures via a salt-inclusion strategy. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8584-8588.	5.1	28

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91	NaBaBS <sub>3</sub> : A Promising Infrared Functional Material with Large Birefringence Induced by $\pi$ -Conjugated [BS <sub>3</sub> ] Units. Chemistry of Materials, 2022, 34, 5215-5223.	6.8	27
92	Performance of optical materials with the derivative of planar $\pi$ -conjugated groups: Recent advances and future prospects. Inorganic Chemistry Frontiers, 2022, 9, 4554-4568.	6.4	32
93	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: a competitive nonlinear optical crystal for generation of a 266 nm laser. Journal of Materials Chemistry C, 2022, 10, 11232-11238.	5.1	31
94	Rearrangement of [B <sub>2</sub> O <sub>5</sub> ] Dimers within [B <sub>7</sub> O <sub>14</sub> ] Clusters Enables Enhanced Optical Anisotropy in Li <sub>3</sub> Cs <sub>6</sub> Al <sub>2</sub> B <sub>14</sub> O <sub>28</sub> F. Inorganic Chemistry, 2022, 61, 12067-12072.	4.6	4
95	$\hat{\Gamma}$ -LiMB <sub>9</sub> O <sub>15</sub> (M = Sr, Pb): flexible [B <sub>3</sub> O <sub>7</sub> ] units leading to the low temperature phase of $\hat{\Gamma}$ <sup>2</sup> -LiMB <sub>9</sub> O <sub>15</sub> (M = Sr, Pb). Inorganic Chemistry Frontiers, 2022, 9, 5371-5376.	6.4	9
96	Difluoro(oxalato)borates as Short-Wavelength Optical Crystals with Bifunctional [BF <sub>2</sub> CO <sub>4</sub> ] Units. Chemistry of Materials, 2022, 34, 7516-7525.	6.8	32
97	From Phosphate Fluoride to Fluorophosphate: Design of Novel Ultraviolet/Deep-Ultraviolet Nonlinear Optical Materials for BePO <sub>3</sub> F with Optical Property Enhancement. ACS Applied Materials & Interfaces, 2022, 14, 39081-39090.	8.0	29
98	NaB <sub>3</sub> O <sub>4</sub> F(OH): A Hydroxyfluorooxoborate with One-Dimensional Chain Featuring Large Birefringence and Short Ultraviolet Cutoff Edge. Inorganic Chemistry, 2022, 61, 13600-13607.	4.6	5
99	Li <sub>6.58</sub> Na <sub>7.43</sub> Sr <sub>4</sub> (B <sub>9</sub> O <sub>18</sub> )(B <sub>12</sub> O <sub>24</sub> )Cl: unprecedented combination of the largest two highly polymerized isolated B $\hat{\Gamma}$ O clusters with novel isolated B <sub>9</sub> O <sub>18</sub> FBB. Inorganic Chemistry Frontiers, 2022, 9, 4614-4623.	6.4	18
100	Origins of THz Modes and Their IR Intensities in LiNbO <sub>3</sub> . Journal of Physical Chemistry C, 2022, 126, 15509-15516.	3.1	11
101	A <sub>2</sub> B <sub>6</sub> O <sub>9</sub> F <sub>2</sub> (A = NH <sub>4</sub> , K): new members of A <sub>2</sub> B <sub>6</sub> O <sub>9</sub> F <sub>2</sub> family with deep-UV cutoff edges and moderate birefringence. Chemical Communications, 2022, 58, 12369-12372.	3.9	14
102	Predicting Diamond-like Nitrides as Infrared Nonlinear Optical Materials with High Thermal Conductivity. Chemistry of Materials, 2022, 34, 10059-10067.	6.8	16
103	Sn <sub>3</sub> B <sub>10</sub> O <sub>17</sub> Cl <sub>2</sub> Achieving Birefringence Enhancement by Stereochemical Activity Lone Pair. Inorganic Chemistry, 2022, 61, 18238-18244.	4.6	9
104	Large optical anisotropy-oriented construction of a carbonate-nitrate chloride compound as a potential ultraviolet birefringent material. Chemical Science, 2022, 13, 13482-13488.	7.2	36
105	Exploring Short-Wavelength Phase-Matching Nonlinear Optical Crystals by Employing KBe <sub>2</sub> BO <sub>3</sub> F <sub>2</sub> as the Template. ACS Central Science, 2022, 8, 1557-1564.	8.9	85
106	A <sup>I</sup> B <sub>3</sub> C <sub>3</sub> Q <sub>8</sub> V <sup>I</sup> : A New Family for the Design of Infrared Nonlinear Optical Materials by Coupling Octahedra and Tetrahedra Units. Journal of the American Chemical Society, 2022, 144, 21916-21925.	15.1	132
107	$\hat{\Gamma}$ -SnF <sub>2</sub> : A UV Birefringent Material with Large Birefringence and Easy Crystal Growth. Angewandte Chemie - International Edition, 2021, 60, 3540-3544.	14.1	195
108	Series of Crystals with Giant Optical Anisotropy: A Targeted Strategic Research. Angewandte Chemie, 2021, 133, 1352-1358.	1.4	11

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109	Series of Crystals with Giant Optical Anisotropy: A Targeted Strategic Research. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1332-1338.	14.1	126
110	$\text{SnF}_2$ : A UV Birefringent Material with Large Birefringence and Easy Crystal Growth. <i>Angewandte Chemie</i> , 2021, 133, 3582-3586.	1.4	12
111	Borates: A Rich Source for Optical Materials. <i>Chemical Reviews</i> , 2021, 121, 1130-1202.	52.3	964
112	$\text{Sn}_2\text{B}_5\text{O}_9\text{Br}$ as an Outstanding Bifunctional Material with Strong Second-Harmonic Generation Effect and Large Birefringence. <i>Advanced Optical Materials</i> , 2021, 9, .	7.0	86
113	$\text{AB}_{11}\text{O}_{16}(\text{OH})_2$ (A = K and Cs): interpenetrating 2D layers with large birefringence. <i>CrystEngComm</i> , 2021, 23, 35-39.	2.4	6
114	$\text{Cs}_2\text{AlB}_5\text{O}_{10}$ : a short-wavelength nonlinear optical crystal with moderate second harmonic generation response. <i>Dalton Transactions</i> , 2021, 50, 822-825.	3.2	11
115	$\text{Ba}_2\text{B}_7\text{O}_{12}\text{F}$ with novel FBB [ $\text{B}_7\text{O}_{16}\text{F}$ ] and deep-ultraviolet cut-off edge. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 339-343.	6.4	31
116	$\text{Sn}_{14}\text{O}_{11}\text{Br}_6$ : a promising birefringent material with a [ $\text{Sn}_{14}\text{O}_{11}\text{Br}_6$ ] layer. <i>Journal of Materials Chemistry C</i> , 2021, 9, 7103-7109.	5.1	26
117	Synergism of multiple functional chromophores significantly enhancing the birefringence in layered non-centrosymmetric chalcogenides. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1588-1598.	6.4	18
118	Barium fluoroiodate crystals with a large band gap and birefringence. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3127-3133.	6.4	23
119	$\text{Ba}_2\text{BS}_3\text{Cl}$ and $\text{Ba}_5\text{B}_2\text{S}_8\text{Cl}_2$ : first alkaline-earth metal thioborate halides with [ $\text{BS}_3$ ] units. <i>Chemical Communications</i> , 2021, 57, 6440-6443.	3.9	21
120	The synthesis, characterization, and theoretical analysis of $(\text{NH}_4)_3\text{PbCl}_5$ . <i>New Journal of Chemistry</i> , 2021, 45, 2038-2043.	2.5	1
121	Design and synthesis of $\text{Ba}_3\text{SiSe}_5$ with suitable birefringence modulated via $M^{IV}$ atoms in the $\text{Ba}M^{IV}Q$ ( $M^{IV} = \text{Si, Ge; Q} = \text{S, Se}$ ) system. <i>Dalton Transactions</i> , 2021, 50, 11999-12005.	3.2	3
122	An antimony borate with large birefringence exhibiting unwonted [ $\text{B}_5\text{O}_{11}$ ] fundamental building blocks and dimeric [ $\text{Sb}_2\text{O}_6$ ] clusters. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2584-2590.	6.4	23
123	$\text{BaZn}_3(\text{BO}_3)_2\text{F}_2$ : a new beryllium-free zincoborate with a KBBF-type structure. <i>Dalton Transactions</i> , 2021, 50, 13216-13219.	3.2	9
124	A review on the recently developed promising infrared nonlinear optical materials. <i>Dalton Transactions</i> , 2021, 50, 3155-3160.	3.2	90
125	$\text{SrTi}(\text{IO}_3)_6 \cdot 2\text{H}_2\text{O}$ and $\text{SrSn}(\text{IO}_3)_6$ : distinct arrangements of lone pair electrons leading to large birefringences. <i>RSC Advances</i> , 2021, 11, 10309-10315.	4.4	10
126	Computationally assisted multistage design and prediction driving the discovery of deep-ultraviolet nonlinear optical materials. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3507-3523.	6.1	41

#	ARTICLE	IF	PR CITATIONS
127	From centrosymmetric to noncentrosymmetric: effect of the cation on the crystal structures and birefringence values of $(\text{NH}_4)_2\text{AE}(\text{PO}_2\text{F}_2)_n$ (AE = Mg, Sr and Ba); Tj ETQq1 1 0.784314	3.2	18
128	From $\text{BaCl}_2$ to $\text{Ba}(\text{NO}_3)_3\text{Cl}$ : significantly enhanced birefringence derived from $\text{f}^0$ -conjugated $[\text{NO}_3]$ . New Journal of Chemistry, 2021, 45, 17544-17550.	2.5	12
129	$\text{BaTi}(\text{BO}_3)_2$ : an excellent birefringent material with highly coplanar isolated $[\text{BO}_3]$ groups. New Journal of Chemistry, 2021, 45, 7065-7068.	2.5	13
130	$\text{Pb}_{2.28}\text{Ba}_{1.72}\text{B}_{10}\text{O}_{19}$ featuring a three-dimensional $\text{B}^{\text{IV}}\text{O}$ anionic network with edge-sharing $[\text{BO}_4]$ obtained under ambient pressure. Inorganic Chemistry Frontiers, 2021, 8, 3716-3722.	6.4	6
131	$\text{Ba}_{2.5}\text{Pb}_{1.5}\text{B}_{12}\text{O}_{22}$ : structural transformation from a centrosymmetric to a noncentrosymmetric space group by introducing Pb into $\text{Ba}_2\text{B}_6\text{O}_{11}$ . Dalton Transactions, 2021, 50, 13031-13036.	3.2	7
132	Finding Short-Wavelength Birefringent Crystals with Large Optical Anisotropy Activated by $\text{f}^0$ -Conjugated $[\text{C}(\text{NH}_2)_3]$ Units. Crystal Growth and Design, 2021, 21, 1869-1877.	3.4	43
133	$\text{Na}_6\text{MQ}_4$ (M=Zn, Cd; Q=S, Se): Promising New Ternary Infrared Nonlinear Optical Materials. Chemistry - A European Journal, 2021, 27, 6538-6544.	3.3	22
134	Toward the Enhancement of Critical Performance for Deep-Ultraviolet Frequency-Doubling Crystals Utilizing Covalent Tetrahedra. Accounts of Materials Research, 2021, 2, 282-291.	12.5	127
135	Prediction of Novel van der Waals Boron Oxides with Superior Deep-Ultraviolet Nonlinear Optical Performance. Angewandte Chemie, 2021, 133, 10886-10892.	1.4	6
136	Prediction of Novel van der Waals Boron Oxides with Superior Deep-Ultraviolet Nonlinear Optical Performance. Angewandte Chemie - International Edition, 2021, 60, 10791-10797.	14.1	38
137	$\text{M}_3\text{B}_6\text{O}_{10}\text{NO}_3$ (M=...=...K, Rb): Two New Alkali Metal Borate Nitrates with Noncentrosymmetric Structures. European Journal of Inorganic Chemistry, 2021, 2021, 1297-1304.	1.9	15
138	Cation Substitution of Hexagonal Triple Perovskites: A Case in Trimetallic Tellurates $\text{A}_2\text{A}^2\text{BTe}_2\text{O}_9$ . Inorganic Chemistry, 2021, 60, 6099-6106.	4.6	8
139	Expanding the chemistry of borates with functional $[\text{BO}_2]^-$ anions. Nature Communications, 2021, 12, .	13.9	179
140	Discovery of First Magnesium Fluorooxoborate with Stable Fluorine Terminated Framework for Deep-UV Nonlinear Optical Application. Angewandte Chemie, 2021, 133, 14771-14777.	1.4	18
141	$\text{RbMT}_3(\text{BO}_3)_2\text{O}_3$ (M=Ba, Sr; T=Al, Ga): New Double-Layered Oxyborates Constructed from $[\text{BO}_3]$ Triangles and $[\text{TO}_4]$ Tetrahedra. Chemistry - A European Journal, 2021, 27, 8698-8703.	3.3	12
142	Discovery of First Magnesium Fluorooxoborate with Stable Fluorine Terminated Framework for Deep-UV Nonlinear Optical Application. Angewandte Chemie - International Edition, 2021, 60, 14650-14656.	14.1	158
143	Unique Unilateral-Chelated Mode-Induced $\text{d}^0$ - $\text{p}^0$ Interaction Enhances Second-Harmonic Generation Response in New $\text{Ln}_3\text{LiMS}_7$ Family. Chemistry of Materials, 2021, 33, 4225-4230.	6.8	36
144	$\text{Cs}_4\text{B}_4\text{O}_3\text{F}_{10}$ : First Fluorooxoborate with $[\text{BF}_4]$ Involving Heteroanionic Units and Extremely Low Melting Point. Chemistry - A European Journal, 2021, 27, 9753-9757.	3.3	18

#	ARTICLE	IF	PR CITATIONS
145	Fluorine-Driven Enhancement of Birefringence in the Fluorooxosulfate: A Deep Evaluation from a Joint Experimental and Computational Study. <i>Advanced Science</i> , 2021, 8, .	12.7	121
146	Yb:GdScO <sub>3</sub> crystal for efficient ultrashort pulse lasers. <i>Optics Letters</i> , 2021, 46, 3641.	3.0	51
147	The First Mixed Calcium Zinc Borate with a Flexible [B <sub>8</sub> O <sub>17</sub> ] Fundamental Building Block and Short UV Cutoff Edge. <i>Chemistry - A European Journal</i> , 2021, 17, 1721-1726.	3.3	5
148	Li <sub>3</sub> La <sub>2</sub> (BO <sub>3</sub> ) <sub>3</sub> and Li <sub>1.75</sub> Na <sub>1.25</sub> La <sub>2</sub> (BO <sub>3</sub> ) <sub>3</sub> : A Great Enhancement in Birefringence Induced by Optimal Arrangement of $\pi$ -Conjugated [BO <sub>3</sub> ] Units. <i>Inorganic Chemistry</i> , 2021, 60, 12565-12572.	4.6	24
149	Hydroxyfluorooxoborate Na[B <sub>3</sub> O <sub>3</sub> F <sub>2</sub> (OH) <sub>2</sub> ] $\cdot$ ...[B(OH) <sub>3</sub> ]: Optimizing the Optical Anisotropy with Heteroanionic Units for Deep Ultraviolet Birefringent Crystals. <i>Angewandte Chemie</i> , 2021, 133, 20632-20638.	1.4	14
150	Hg <sub>3</sub> P <sub>2</sub> S <sub>8</sub> : A New Promising Infrared Nonlinear Optical Material with a Large Second-Harmonic Generation and a High Laser-Induced Damage Threshold. <i>Chemistry of Materials</i> , 2021, 33, 6514-6521.	6.8	105
151	Hydroxyfluorooxoborate Na[B <sub>3</sub> O <sub>3</sub> F <sub>2</sub> (OH) <sub>2</sub> ] $\cdot$ ...[B(OH) <sub>3</sub> ]: Optimizing the Optical Anisotropy with Heteroanionic Units for Deep Ultraviolet Birefringent Crystals. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20469-20475.	14.1	136
152	Li <sub>4</sub> MgGe <sub>2</sub> S <sub>7</sub> : The First Alkali and Alkaline-Earth Diamond-Like Infrared Nonlinear Optical Material with Exceptional Large Band Gap. <i>Angewandte Chemie</i> , 2021, 133, 24333-24338.	1.4	14
153	Li <sub>3</sub> O <sub>4</sub> F	3.0	7
154	Li <sub>4</sub> MgGe <sub>2</sub> S <sub>7</sub> : The First Alkali and Alkaline-Earth Diamond-Like Infrared Nonlinear Optical Material with Exceptional Large Band Gap. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24131-24136.	14.1	194
155	Finding a Series of BaBOF <sub>3</sub> Fluorooxoborate Polymorphs with Tunable Symmetries: A Simple but Flexible Case. <i>Chemistry of Materials</i> , 2021, 33, 7905-7913.	6.8	36
156	Identical in Formula but Not Isotypic in Configuration: Discovery of a New Highly Polymerized [B <sub>12</sub> O <sub>24</sub> ] Cluster in Cs <sub>3</sub> AlB <sub>6</sub> O <sub>12</sub> . <i>Inorganic Chemistry</i> , 2021, 60, 15131-15135.	4.6	11
157	Sn <sub>2</sub> PO <sub>4</sub> : An Excellent Birefringent Material with Giant Optical Anisotropy in Non $\pi$ -Conjugated Phosphate. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24901-24904.	14.1	192
158	InnenrÄ¼cktitelbild: Li <sub>4</sub> MgGe <sub>2</sub> S <sub>7</sub> : The First Alkali and Alkaline-Earth Diamond-Like Infrared Nonlinear Optical Material with Exceptional Large Band Gap ( <i>Angew. Chem.</i> ) Tj ETQq0 0 0 rBT /Overdock 10 Tf		
159	BaB <sub>4</sub> O <sub>5</sub> F <sub>4</sub> with reversible phase transition featuring unprecedented fundamental building blocks of [B <sub>16</sub> O <sub>21</sub> F <sub>16</sub> ] in the $\langle i \rangle^{\pm} / i$ -phase and [B <sub>4</sub> O <sub>6</sub> F <sub>4</sub> ] in the $\langle i \rangle^2 / i$ -phase. <i>Chemical Communications</i> , 2021, 57, 4182-4185.	3.9	18
160	Two deep-ultraviolet nonlinear optical monolayers obtained by a template-optimized design strategy. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4791-4795.	6.4	2
161	Enhanced birefringence and suppressed second harmonic generation response mechanism in nonlinear optical materials $\langle i \rangle$ via $\langle i \rangle$ structural fine-tuning. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7580-7586.	6.1	9
162	Sn <sub>3</sub> B <sub>8</sub> O <sub>15</sub> : A Ternary Tin(II) Borate with Flexible [B <sub>8</sub> O <sub>18</sub> ] <sup>12-</sup> Fundamental Building Block Formed by [B <sub>7</sub> O <sub>16</sub> ] <sup>11-</sup> and [BO <sub>3</sub> ] <sup>3-</sup> Groups. <i>Inorganic Chemistry</i> , 2021, 60, 883-891.	4.6	10



#	ARTICLE	IF	PR CITATIONS
181	Broadening of the Fluorescence Spectra of Sesquioxide Crystals for Ultrafast Lasers. <i>Crystal Growth and Design</i> , 2020, 20, 4678-4685.	3.4	33
182	$\text{Li}_4\text{Ca}_2\text{B}_8\text{O}_{16}$ : A Borate with a Unique Fundamental Building Block and a Short Cutoff Edge. <i>Inorganic Chemistry</i> , 2020, 59, 8396-8403.	4.6	14
183	From $\text{BaAl}_2(\text{BO}_3)_2\text{O}$ to $\text{SnAl}_2(\text{BO}_3)_2\text{F}_2$ : structure transformation based on ion regulation. <i>New Journal of Chemistry</i> , 2020, 44, 9852-9857.	2.5	3
184	$\text{Rb}_3\text{BaTeB}_7\text{O}_{15}$ : a novel $[\text{B}_7\text{O}_{16}]$ fundamental building block in a new telluroborate with $[\text{TeO}_3]$ polyhedra. <i>Dalton Transactions</i> , 2020, 49, 8911-8917.	3.2	11
185	New Alkaline-Earth Metal Fluoroiodates Exhibiting Large Birefringence and Short Ultraviolet Cutoff Edge with Highly Polarizable $(\text{IO}_3\text{F})^{2-}$ Units. <i>Chemistry of Materials</i> , 2020, 32, 5723-5728.	6.8	60
186	$\text{K}_2\text{Na}(\text{IO}_3)_2(\text{I}_3\text{O}_8)$ with Strong Second Harmonic Generation Response Activated by Two Types of Isolated Iodate Anions. <i>Chemistry of Materials</i> , 2020, 32, 3608-3614.	6.8	45
187	Alignment of Polar Moieties Leading to Strong Second Harmonic Response in $\text{KCsMoP}_2\text{O}_9$ . <i>Chemistry of Materials</i> , 2020, 32, 3297-3303.	6.8	48
188	Polar polymorphism: $\hat{1}\pm$ - and $\hat{1}^2$ - $\text{KCsWP}_2\text{O}_9$ nonlinear optical materials with a strong second harmonic generation response. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11441-11448.	5.1	24
189	$\text{PbB}_5\text{O}_7\text{F}_3$ : A High-Performing Short-Wavelength Nonlinear Optical Material. <i>Chemistry of Materials</i> , 2020, 32, 2172-2179.	6.8	111
190	Noncentrosymmetric Fluorooxoborates $\text{A}_{10}\text{B}_{13}\text{O}_{15}\text{F}_{19}$ (A = K and Rb) with Unexpected $[\text{B}_{10}\text{O}_{12}\text{F}_{13}]^{7-}$ Units and Deep-Ultraviolet Cutoff Edges. <i>Inorganic Chemistry</i> , 2020, 59, 3274-3280.	4.6	25
191	$\text{BaGeO}_3$ : A Mid-IR Transparent Crystal with Superstrong Raman Response. <i>Inorganic Chemistry</i> , 2020, 59, 3542-3545.	4.6	7
192	Structural Diversity of Molybdate Iodate and Fluoromolybdate: Syntheses, Structures, and Calculations on $\text{Na}_3(\text{MoO}_4)(\text{IO}_3)$ and $\text{Na}_3\text{Cs}(\text{MoO}_2\text{F}_4)_2$ . <i>Inorganic Chemistry</i> , 2020, 59, 3034-3041.	4.6	18
193	$\text{Ba}(\text{B}_2\text{OF}_3\text{OH})_2$ with well-ordered OH/F anions and a unique $\text{B}_2\text{OF}_3\text{OH}$ dimer. <i>Chemical Communications</i> , 2020, 56, 3301-3304.	3.9	29
194	Band-Gap Modulation of Nonlinear-Optical Fluorooxoborates by Controlling the F/B Ratios. <i>Inorganic Chemistry</i> , 2020, 59, 1588-1591.	4.6	3
195	A Promising Fluorooxoborate Framework with Flexible Capability for Diverse Cations to Enhance the Second Harmonic Generation. <i>Chemistry - A European Journal</i> , 2020, 26, 3723-3728.	3.3	14
196	$\text{LiBa}_4\text{Ga}_5\text{Q}_{12}$ (Q = S, Se): Noncentrosymmetric Metal Chalcogenides with a Cesium Chloride Topological Structure Displaying a Remarkable Laser Damage Threshold. <i>Inorganic Chemistry</i> , 2020, 59, 5674-5682.	4.6	30
197	Prediction of ternary fluorooxoborates with coplanar triangular units $[\text{BO}_x\text{F}_3\text{~}x]^{x-}$ from first-principles. <i>Dalton Transactions</i> , 2020, 49, 5424-5428.	3.2	13
198	Three diphosphates, $\hat{1}\pm\text{-Li}_2\text{Na}_2\text{P}_2\text{O}_7$ , $\text{Li}_8\text{Pb}_3\text{Ba}(\text{P}_2\text{O}_7)_4$ and $\text{Li}_7\text{Rb}(\text{P}_2\text{O}_7)_2$ : influences of co-substitution on the crystal structure. <i>Dalton Transactions</i> , 2020, 49, 6744-6750.	3.2	7



#	ARTICLE	IF	PR CITATIONS
217	The first lithium difluorophosphate $\text{LiPO}_2\text{F}_2$ with a neutral polytetrahedral microporous architecture. <i>Chemical Communications</i> , 2019, 55, 1817-1820.	3.9	33
218	An alkali metal phosphate $\text{RbPbBi}_2(\text{PO}_4)_3$ 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.	6.4	7
219	$\text{P}_9\text{O}_{14}$ : A Triple-Layered Borate with Edge-Sharing $\text{BO}_4$ Tetrahedra Exhibiting a Short Cutoff Edge and a Large Birefringence. <i>Chemistry - A European Journal</i> , 2019, 25, 11614-11619.	3.3	29
220	Ligand Engineering for Broadening Infrared Luminescence of Kramers Ytterbium Ions in Disordered Sesquioxides. <i>Crystal Growth and Design</i> , 2019, 19, 3704-3713.	3.4	29
221	$\text{K}_2[\text{B}_4\text{O}_5(\text{OH})_4]\cdot\text{H}_2\text{O}$ and $\text{K}_2[\text{B}_4\text{O}_5(\text{OH})_4]^{2-}$ : two new hydrated potassium borates with isolated $[\text{B}_4\text{O}_5(\text{OH})_4]^{2-}$ units and different structural frameworks. <i>New Journal of Chemistry</i> , 2019, 43, 11660-11665.	2.5	8
222	Transformation of the $\text{BO}_4$ Units from Corner-Sharing to Edge-Sharing Linkages in $\text{BaMBO}_4$ (M = Ga, Al). <i>Inorganic Chemistry</i> , 2019, 58, 8237-8244.	4.6	31
223	$\text{Be}_2\text{CO}_3\text{F}_2$ Monolayer: A Flexible Ultraviolet Nonlinear Optical Material via Rational Design. <i>Inorganic Chemistry</i> , 2019, 58, 7715-7721.	4.6	6
224	Three new phosphates, $\text{Cs}_8\text{Pb}_4(\text{P}_2\text{O}_7)_4$ , $\text{CsLi}_7(\text{P}_2\text{O}_7)_2$ and $\text{LiCa}(\text{PO}_3)_3$ : structural comparison, characterization and theoretical calculation. <i>Dalton Transactions</i> , 2019, 48, 8948-8954.	3.2	22
225	Two alkali calcium borates exhibiting second harmonic generation and deep-UV cutoff edges. <i>New Journal of Chemistry</i> , 2019, 43, 9354-9363.	2.5	3
226	$\text{K}_9[\text{B}_4\text{O}_5(\text{OH})_4]_3(\text{CO}_3)_3\text{X}\cdot 7\text{H}_2\text{O}$ (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.	4.6	15
227	From centrosymmetric to noncentrosymmetric: cation-directed structural evolution in $\text{X}_3\text{ZnB}_5\text{O}_{10}$ (X = Na, K, Rb) and $\text{Cs}_{12}\text{Zn}_4(\text{B}_5\text{O}_{10})_4$ crystals. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1461-1467.	6.4	22
228	A new barium fluorooxoborate $\text{BaB}_5\text{O}_8\text{F}\cdot\text{H}_2\text{O}$ with large birefringence and a wide UV transparency window. <i>Dalton Transactions</i> , 2019, 48, 6714-6717.	3.2	25
229	Module-Analysis-Assisted Design of Deep Ultraviolet Fluorooxoborates with Extremely Large Gap and High Structural Stability. <i>Chemistry of Materials</i> , 2019, 31, 2807-2813.	6.8	102
230	$\text{NaCa}_5\text{BO}_3(\text{SiO}_4)_2$ with Interesting Isolated $[\text{BO}_3]$ and $[\text{SiO}_4]$ Units in Alkali- and Alkaline-Earth-Metal Borosilicates. <i>Inorganic Chemistry</i> , 2019, 58, 3937-3943.	4.6	13
231	Designing Three Fluorooxoborates with a Wide Transmittance Window by Anionic Group Substitution. <i>Inorganic Chemistry</i> , 2019, 58, 3596-3600.	4.6	15
232	$\text{Cs}_2\text{Zn}_5(\text{PO}_4)_4$ and $\text{Cs}_3$		

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235	Ba <sub>2</sub> O <sub>3</sub> F <sub>2</sub> : A Barium Fluorooxoborate with a Unique [B <sub>2</sub> O <sub>3</sub> F] <sup>6+</sup> Layer and Short Cutoff Edge. Chemistry - A European Journal, 2019, 25, 6693-6697.	3.3	34
236	Targeting the Next Generation of Deep-Ultraviolet Nonlinear Optical Materials: Expanding from Borates to Borate Fluorides to Fluorooxoborates. Accounts of Chemical Research, 2019, 52, 791-801.	16.7	417
237	A <sub>2</sub> SrM <sup>IV</sup> S <sub>4</sub> (A = Li, Na; M <sup>IV</sup> = Ge, Sn) concurrently exhibiting wide bandgaps and good nonlinear optical responses as new potential infrared nonlinear optical materials. Chemical Science, 2019, 10, 3963-3968.	7.2	71
238	Sn <sub>2</sub> B <sub>7</sub> O <sub>12</sub> F with a 2 <sup>+</sup> [B <sub>14</sub> O <sub>24</sub> ] <sup>6+</sup> layer constructed from the unprecedented [B <sub>7</sub> O <sub>16</sub> ] <sup>11+</sup> fundamental building block. Inorganic Chemistry Frontiers, 2019, 6, 996-1002.	6.4	17
239	Li <sub>2</sub> ZnGeS <sub>4</sub> : a promising diamond-like infrared nonlinear optical material with high laser damage threshold and outstanding second-harmonic generation response. Dalton Transactions, 2019, 48, 4484-4488.	3.2	42
240	LiGeBO <sub>4</sub> : a nonlinear optical material with a balance between deep-ultraviolet cut-off edge and large SHG response induced by hand-in-hand tetrahedra. Inorganic Chemistry Frontiers, 2019, 6, 914-919.	6.4	20
241	Ba <sub>4</sub> (BS <sub>3</sub> S) <sub>2</sub> S <sub>4</sub> : a new thioborate with unprecedented [BS <sub>3</sub> -S] and [S <sub>4</sub> ] fundamental building blocks. Chemical Communications, 2019, 55, 14793-14796.	3.9	19
242	Mg(H <sub>2</sub> O) <sub>6</sub> B <sub>4</sub> O <sub>5</sub> (OH) <sub>4</sub> (H <sub>2</sub> O) <sub>3</sub> : a new hydrated borate with a short DUV cutoff edge. Dalton Transactions, 2019, 48, 17408-17413.	3.2	9
243	Ce(IO <sub>3</sub> ) <sub>2</sub> F <sub>2</sub> ·...H <sub>2</sub> O: The First Rare-Earth Metal Iodate Fluoride with Large Second Harmonic Generation Response. Chemistry - A European Journal, 2019, 25, 1221-1226.	3.3	60
244	A review on the development of infrared nonlinear optical materials with triangular anionic groups. Journal of Solid State Chemistry, 2019, 271, 266-272.	3.3	36
245	Rational Design via Synergistic Combination Leads to an Outstanding Deep-Ultraviolet Birefringent Li <sub>2</sub> Na <sub>2</sub> B <sub>2</sub> O <sub>5</sub> Material with an Unvalued B <sub>2</sub> O <sub>5</sub> Functional Gene. Journal of the American Chemical Society, 2019, 141, 3258-3264.	15.1	270
246	Effect of Element Substitution on Structural Transformation and Optical Performances in $\text{Li}(\text{Li})_{2-x}\text{BaM}^{\text{IV}}\text{Q}_4$ ( $\text{Li}$ , $\text{Na}$ , $\text{Cu}$ , and $\text{Ag}$ ; $\text{M}^{\text{IV}}$ = $\text{Tj}$ , $\text{ETQq1}$ , $1.0784314$ $\text{rgBT}$ )	4.0	59
247	$\text{K}_3\text{B}_6\text{O}$	3.3	41
248	SrB <sub>5</sub> O <sub>7</sub> F <sub>3</sub> Functionalized with [B <sub>5</sub> O <sub>9</sub> F <sub>3</sub> ] <sup>6+</sup> Chromophores: Accelerating the Rational Design of Deep-Ultraviolet Nonlinear Optical Materials. Angewandte Chemie, 2018, 130, 6203-6207.	1.4	115
249	A Series of Rare-Earth Borates K <sub>7</sub> MRE <sub>2</sub> B <sub>15</sub> O <sub>30</sub> (M = $\text{Tj}$ , $\text{ETQq1}$ , $1.0784314$ $\text{rgBT}$ ) Materials, 2018, 30, 2414-2423.	6.8	94
250	SrB <sub>5</sub> O <sub>7</sub> F <sub>3</sub> Functionalized with [B <sub>5</sub> O <sub>9</sub> F <sub>3</sub> ] <sup>6+</sup> Chromophores: Accelerating the Rational Design of Deep-Ultraviolet Nonlinear Optical Materials. Angewandte Chemie - International Edition, 2018, 57, 6095-6099.	14.1	711
251	BaBOF <sub>3</sub> : a new aurivillius-like borate containing two types of F atoms. Dalton Transactions, 2018, 47, 5157-5160.	3.2	32
252	Innen-Äktitelbild: SrB <sub>5</sub> O <sub>7</sub> F <sub>3</sub> Functionalized with [B <sub>5</sub> O <sub>9</sub> F <sub>3</sub> ] <sup>6+</sup> Chromophores: Accelerating the Rational Design of Deep-Ultraviolet Nonlinear Optical Materials (Angew. Chem. 21/2018). Angewandte Chemie, 2018, 130, 6461-6461.	1.4	0

#	ARTICLE	IF	PR CITATIONS
253	Polar Fluorooxoborate, $\text{NaB}_4\text{O}_6\text{F}$ : A Promising Material for Ionic Conduction and Nonlinear Optics. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6577-6581.	14.1	476
254	$\text{CaB}_5\text{O}_7\text{F}_3$ : A Beryllium-Free Alkaline-Earth Fluorooxoborate Exhibiting Excellent Nonlinear Optical Performances. <i>Inorganic Chemistry</i> , 2018, 57, 4820-4823.	4.6	181
255	$\text{Ba}_2\text{ZnSc}(\text{BO}_3)_3$ and $\text{Ba}_4\text{Zn}_5\text{Sc}_2(\text{BO}_3)_8$ : first examples of borates in the $\text{Zn}^{\text{II}}\text{Sc}^{\text{III}}\text{O}$ system featuring special structure configurations. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1787-1794.	6.4	15
256	Polar Fluorooxoborate, $\text{NaB}_4\text{O}_6\text{F}$ : A Promising Material for Ionic Conduction and Nonlinear Optics. <i>Angewandte Chemie</i> , 2018, 130, 6687-6691.	1.4	69
257	$\text{Na}_6\text{Zn}_3\text{MIII}_2\text{Q}_9$ ( $\text{M}^{\text{III}} = \text{Ga, In; Q} = \text{S, Se}$ ): four new supertetrahedron-layered chalcogenides with unprecedented vertex-sharing $\text{T}_3$ -clusters and desirable photoluminescence performances. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1415-1422.	6.4	32
258	$\text{LiNa}_4\text{B}_{15}\text{O}_{25}$ : Featuring Unprecedented $\text{B}_{15}\text{O}_{30}$ Fundamental Building Block and Deep-UV Cutoff Edge. <i>Inorganic Chemistry</i> , 2018, 57, 2876-2882.	4.6	20
259	$\text{LiCs}_2\text{La}(\text{BO}_3)_2$ and $\text{Li}_3\text{K}_9\text{La}_3(\text{BO}_3)_7$ : new mixed alkali metal lanthanum borates with three-dimensional open frameworks and short cut-off edges. <i>Dalton Transactions</i> , 2018, 47, 3512-3520.	3.2	10
260	Functional Materials Design via Structural Regulation Originated from Ions Introduction: A Study Case in Cesium Iodate System. <i>Chemistry of Materials</i> , 2018, 30, 1136-1145.	6.8	91
261	Four new quaternary chalcogenides $\text{A}_2\text{Ba}_7\text{Sn}_4\text{Q}_{16}$ (A) $T_j \text{EQq}_1$ 1 0.784314 rgB investigation. <i>New Journal of Chemistry</i> , 2018, 42, 3350-3355.	2.5	26
262	Cation-Tuned Synthesis of Fluorooxoborates: Towards Optimal Deep-Ultraviolet Nonlinear Optical Materials. <i>Angewandte Chemie</i> , 2018, 130, 2172-2176.	1.4	145
263	Oxyhalides: prospecting ore for optical functional materials with large laser damage thresholds. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2435-2442.	5.1	71
264	Cation-Tuned Synthesis of Fluorooxoborates: Towards Optimal Deep-Ultraviolet Nonlinear Optical Materials. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2150-2154.	14.1	681
265	A Member of Fluorooxoborates: $\text{Li}_2\text{Na}_{0.9}\text{K}_{0.1}\text{B}_5\text{O}_8\text{F}_2$ with the Fundamental Building Block $\text{B}_5\text{O}_{10}\text{F}_2$ and a Short Cutoff Edge. <i>Inorganic Chemistry</i> , 2018, 57, 873-878.	4.6	26
266	Computer-Assisted Design of a Superior $\text{Be}_2\text{BO}_3\text{F}$ Deep-Ultraviolet Nonlinear-Optical Material. <i>Inorganic Chemistry</i> , 2018, 57, 5716-5719.	4.6	37
267	$\text{MBaYB}_6\text{O}_{12}$ (M = Rb, Cs): two new rare-earth borates with large birefringence and short ultraviolet cutoff edges. <i>Dalton Transactions</i> , 2018, 47, 750-757.	3.2	38
268	$\text{NaBaM}^{\text{III}}\text{Q}_3$ ( $\text{M}^{\text{III}} = \text{Al, Ga; Q} = \text{S, Se}$ ): first quaternary chalcogenides with isolated edge-sharing ( $\text{MIII}_2\text{Q}_6$ ) dimers. <i>Dalton Transactions</i> , 2018, 47, 16044-16047.	3.2	10
269	$\text{Ba}_3\text{B}_{10}\text{O}_{17}\text{Br}_2$ : a new barium borate halide with $\text{B}^{\text{IV}}$ layered structure. <i>Dalton Transactions</i> , 2018, 47, 16418-16421.	3.2	4
270	Designing an Excellent Deep-Ultraviolet Birefringent Material for Light Polarization. <i>Journal of the American Chemical Society</i> , 2018, 140, 16311-16319.	15.1	502

#	ARTICLE	IF	PR CITATIONS
271	Two Lanthanide Borate Chlorides $\text{LnB}_4\text{O}_6(\text{OH})_2\text{Cl}$ (Ln = La, Ce) with Wide Ultraviolet Transmission Windows and Large Second-Harmonic Generation Responses. <i>Inorganic Chemistry</i> , 2018, 57, 14953-14960.	4.6	20
272	Ion-induced structural and optical performance evolution in LBO-like crystals: experimental and theoretical investigation. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2955-2963.	6.4	11
273	The Rubidium Barium Borate Resulting from $\text{B}_7\text{O}_{15}$ Fundamental Building Block Exhibits DUV Cutoff Edge. <i>Inorganic Chemistry</i> , 2018, 57, 13380-13385.	4.6	17
274	$\text{Li}_2\text{BaSc}(\text{BO}_3)_2\text{F}$ and $\text{LiBa}_2\text{Pb}(\text{BO}_3)_2\text{F}$ with Layered Structures featuring Special $\text{Li}^{2+}/\text{O}^2-$ Configurations. <i>Chemistry - A European Journal</i> , 2018, 24, 15477-15481.	3.3	11
275	The first lead fluorooxoborate $\text{PbB}_5\text{O}_8\text{F}$ : achieving the coexistence of large birefringence and deep-ultraviolet cut-off edge. <i>Chemical Communications</i> , 2018, 54, 6308-6311.	3.9	76
276	$\text{M}^{\text{I}}\text{M}^{\text{II}}\text{P}_3\text{O}_9$ ( $\text{M}^{\text{I}} = \text{Rb}$ , $\text{M}^{\text{II}} = \text{Cd}$ ) Tj ETQq0 0 0 rgBT /Overlock Substitution Application in Cyclophosphate Family and Nonlinear Optical Properties. <i>Inorganic Chemistry</i> , 2018, 57, 7372-7379.	4.6	32
277	Remarkable multimember-ring configurations in a new family of $\text{Na}_7\text{M}^{\text{II}}\text{Sb}_5\text{S}_{12}$ ( $\text{M}^{\text{II}} = \text{Zn}$ , $\text{Cd}$ , $\text{Hg}$ ) exhibiting various three-dimensional tunnel structures. <i>Chemical Communications</i> , 2018, 54, 8269-8272.	3.9	24
278	Designing Deep-UV Birefringent Crystals by Cation Regulation. <i>Chemistry - A European Journal</i> , 2018, 24, 11267-11272.	3.3	55
279	$\text{K}_{11}\text{RbB}_{28}\text{O}_{48}$ : a new triple-layered borate with an unprecedented $[\text{B}_{28}\text{O}_{57}]$ fundamental building block. <i>Dalton Transactions</i> , 2018, 47, 10833-10836.	3.2	19
280	$\text{K}_2\text{TeP}_2\text{O}_8$ : a new telluro-phosphate with a pentagonal $\text{Te}^{\text{VI}}\text{O}$ layer structure. <i>Dalton Transactions</i> , 2018, 47, 9453-9458.	3.2	26
281	$\text{Ba}_3\text{Mg}_3(\text{BO}_3)_3\text{F}_3$ polymorphs with reversible phase transition and high performances as ultraviolet nonlinear optical materials. <i>Nature Communications</i> , 2018, 9, .	13.9	448
282	The First Examples of Lithium-Containing Mixed-Alkali Strontium Borates with Different Dimensional Anionic Architectures and Short Cutoff Edges. <i>Chemistry - A European Journal</i> , 2018, 24, 15355-15364.	3.3	15
283	Module-Guided Design Scheme for Deep-Ultraviolet Nonlinear Optical Materials. <i>Journal of the American Chemical Society</i> , 2018, 140, 10726-10733.	15.1	187
284	Fluorooxoborates: Ushering in a New Era of Deep Ultraviolet Nonlinear Optical Materials. <i>Chemistry - A European Journal</i> , 2018, 24, 17638-17650.	3.3	95
285	Advantageous Units in Antimony Sulfides: Exploration and Design of Infrared Nonlinear Optical Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 26413-26421.	8.0	91
286	Four alkali metal molybdates with two types of $\text{Mo}^{\text{VI}}\text{O}$ chains, $\text{ABMo}_3\text{O}_{10}$ (A =) Tj ETQq0 0 0 rgBT /Overlock <i>Chemistry</i> , 2018, 42, 10879-10884.	2.5	9
287	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.	6.4	8
288	Intriguing Structural Transition Inducing Variable Birefringences in $\text{ABa}_2\text{MS}_4\text{Cl}$ (A = Rb, Cs; M = Ge, Sn). <i>Inorganic Chemistry</i> , 2018, 57, 11310-11313.	4.6	30

#	ARTICLE	IF	PR CITATIONS
289	From $\text{LiB}_3\text{O}_5$ to $\text{NaRbB}_6\text{O}_9\text{F}_2$ : Fluorine-Directed Evolution of Structural Chemistry. <i>Chemistry - A European Journal</i> , 2018, 24, 10022-10027.	3.3	32
290	A Fluorooxosilicophosphate with an Unprecedented $\text{SiO}_2\text{F}_4$ Species. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9828-9832.	14.1	55
291	$\text{NH}_4\text{B}_{11}\text{O}_{16}(\text{OH})_2$ : a new ammonium borate with wavy-shaped polycyclic $2\text{[B}_{11}\text{O}_{16}(\text{OH})_2]$ layers. <i>New Journal of Chemistry</i> , 2018, 42, 12091-12097.	2.5	26
292	A Fluorooxosilicophosphate with an Unprecedented $\text{SiO}_2\text{F}_4$ Species. <i>Angewandte Chemie</i> , 2018, 130, 9976-9980.	1.4	5
293	Insights of $\text{BO}_3$ -PO <sub>4</sub> replacement for the design and synthesis of a new borate-phosphate with unique $1\text{[Zn}_4\text{BO}_{11}]$ chains and two new phosphates. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 327-334.	6.4	15
294	The first quaternary diamond-like semiconductor with 10-membered $\text{Li}_4$ rings exhibiting excellent nonlinear optical performances. <i>Chemical Communications</i> , 2017, 53, 3010-3013.	3.9	102
295	$\text{Bi}_3\text{OF}_3(\text{IO}_3)_4$ : Metal Oxyiodate Fluoride Featuring a Carbon-Nanotube-like Topological Structure with Large Second Harmonic Generation Response. <i>Chemistry of Materials</i> , 2017, 29, 945-949.	6.8	118
296	Enhancing optical anisotropy of crystals by optimizing bonding electron distribution in anionic groups. <i>Chemical Communications</i> , 2017, 53, 2818-2821.	3.9	219
297	Top-Seeded Solution Crystal Growth and Linear and Nonlinear Optical Properties of $\text{Ba}_4\text{B}_{11}\text{O}_{20}\text{F}$ . <i>Crystal Growth and Design</i> , 2017, 17, 1404-1410.	3.4	41
298	$\text{Na}_2\text{CdGe}_2\text{Q}_6$ (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.	3.2	75
299	$\text{ACaBO}_3$ (A = Cs, Rb): two new cubic borates with isolated $\text{BO}_3$ groups. <i>Dalton Transactions</i> , 2017, 46, 4968-4974.	3.2	23
300	The structural diversity of halogen-centered secondary building units: two new mixed-metal borate halides with deep-ultraviolet cut-off edges. <i>Dalton Transactions</i> , 2017, 46, 4923-4928.	3.2	15
301	Experimental and ab initio studies of two UV nonlinear optical materials. <i>RSC Advances</i> , 2017, 7, 20259-20265.	4.4	12
302	Syntheses, crystal structures and characterization of three alkaline metal borates. <i>CrystEngComm</i> , 2017, 19, 2561-2569.	2.4	6
303	$\text{Na}_8\text{MB}_{21}\text{O}_{36}$ (M = Rb and Cs): Noncentrosymmetric Borates with Unprecedented $[\text{B}_{21}\text{O}_{36}]^{9-}$ Fundamental Building Blocks. <i>Inorganic Chemistry</i> , 2017, 56, 5506-5509.	4.6	33
304	DFT-Based Comparative Study about the Influence of Fluorine and Hydroxyl Anions on Opto-Electric Properties of Borate Crystals: Choice for Better Anion. <i>Inorganic Chemistry</i> , 2017, 56, 5636-5645.	4.6	12
305	$\text{LiMCO}_3$ (M = K, Rb, Cs): a series of mixed alkali carbonates with large birefringence. <i>Dalton Transactions</i> , 2017, 46, 6894-6899.	3.2	11
306	$\text{BaCu}_2\text{M}^{\text{IV}}\text{Q}_4$ (M <sup>IV</sup> = Si, Ge, and Sn; Q = S, Se): synthesis, crystal structures, optical performances and theoretical calculations. <i>RSC Advances</i> , 2017, 7, 29378-29385.	4.4	53

#	ARTICLE	IF	PR CITATIONS
307	Design and Synthesis of a Series of Novel Mixed Borate and Carbonate Halides. Chemistry - A European Journal, 2017, 23, 10451-10459.	3.3	20
308	$\text{Li}_6\text{Zn}_3(\text{BO}_3)_4$ : a new zincoborate featuring vertex-, edge- and face-sharing $\text{LiO}_4$ tetrahedra and exhibiting reversible phase transitions. Inorganic Chemistry Frontiers, 2017, 4, 1100-1107.	6.4	18
309	Structure comparison and optical properties of $\text{Na}_7\text{Mg}_{4.5}(\text{P}_2\text{O}_7)_4$ : a sodium magnesium phosphate with isolated $\text{P}_2\text{O}_7$ units. New Journal of Chemistry, 2017, 41, 3399-3404.	2.5	18
310	Application of the dimensional reduction formalism to $\text{Pb}_9\text{Ba}_x[\text{Li}_2(\text{P}_2\text{O}_7)_2(\text{P}_4\text{O}_{13})_x]$ ( $x = 0, 2, 6, 7$ ): a series of phosphates with two types of isolated polyphosphate groups. Dalton Transactions, 2017, 46, 4678-4684.	3.2	13
311	$\text{A}_3\text{Sr}_2\text{P}_7\text{O}_{21}$ ( $\text{A} = \text{Rb}, \text{Cs}$ ): Two Polyphosphates Based on Different Types of $\text{P}=\text{O}$ Chains and Ring Structures. Inorganic Chemistry, 2017, 56, 3939-3945.	4.6	36
312	$\text{Na}_2\text{B}_6\text{O}_9\text{F}_2$ : A Fluoroborate with Short Cutoff Edge and Deep-Ultraviolet Birefringent Property Prepared by an Open High-Temperature Solution Method. Inorganic Chemistry, 2017, 56, 344-350.	4.6	103
313	Three Mixed-Alkaline Borates: $\text{Na}_2\text{M}_2\text{B}_{20}\text{O}_{32}$ ( $\text{M} = \text{Rb}$ ), $\text{Li}_4\text{Cs}_4\text{B}_{40}\text{O}_{64}$ with Fundamental Building Block $\text{B}_4\text{O}_7$ . Inorganic Chemistry, 2017, 56, 13456-13463.	4.6	29
314	New Compressed Chalcopyrite-like $\text{Li}_2\text{BaM}^{\text{IV}}\text{Q}_4$ ( $\text{M}^{\text{IV}} = \text{Mn}, \text{Zn}$ ). Dalton Transactions, 2017, 46, 14885-14888.	15.1	228
315	$\text{ScMO}(\text{BO}_3)$ ( $\text{M} = \text{Ca}$ and $\text{Cd}$ ): new Sc-based oxyborates featuring interesting edge-sharing sandwich-like chains and UV cut-off edges. Dalton Transactions, 2017, 46, 14839-14846.	3.2	17
316	$\text{Na}_6\text{Si}_3\text{S}_8\text{O}$ : the first example of a sulfide silicate exhibiting unusual tri-polymerized $[\text{Si}_3\text{S}_8\text{O}]^{6-}$ units without $\text{S}=\text{O}$ bonds. Dalton Transactions, 2017, 46, 13356-13359.	3.2	7
317	$\text{CsB}_4\text{O}_6\text{F}$ : A Congruent Melting Deep-Ultraviolet Nonlinear Optical Material by Combining Superior Functional Units. Angewandte Chemie - International Edition, 2017, 56, 14119-14123.	14.1	847
318	$\text{CsB}_4\text{O}_6\text{F}$ : A Congruent Melting Deep-Ultraviolet Nonlinear Optical Material by Combining Superior Functional Units. Angewandte Chemie, 2017, 129, 14307-14311.	1.4	181
319	Finding the Next Deep-Ultraviolet Nonlinear Optical Material: $\text{NH}_4\text{B}_4\text{O}_6\text{F}$ . Journal of the American Chemical Society, 2017, 139, 10645-10648.	15.1	1,159
320	Structural Insights into Borates with an Anion-Templated Open Framework Configuration: Asymmetric $\text{K}_2\text{BaB}_{16}\text{O}_{26}$ versus Centrosymmetric $\text{K}_3\text{CsB}_{20}\text{O}_{32}$ and $\text{Na}_2\text{M}_2\text{NB}_{18}\text{O}_{30}$ ( $\text{M}=\text{Rb}, \text{Cs}$ ; $\text{N}=\text{Ba}, \text{Pb}$ ). Chemistry - A European Journal, 2017, 23, 13910-13918.	3.3	25
321	Deep-Ultraviolet Nonlinear-Optical Material $\text{K}_3\text{Sr}_3\text{Li}_2\text{Al}_4\text{B}_6\text{O}_{20}\text{F}$ : Addressing the Structural Instability Problem in $\text{KBe}_2\text{BO}_3\text{F}_2$ . Inorganic Chemistry, 2017, 56, 8755-8758.	4.6	104
322	The activity of lone pair contributing to SHG response in bismuth borates: a combination investigation from experiment and DFT calculation. Physical Chemistry Chemical Physics, 2017, 19, 25270-25276.	2.8	23
323	Linear-to- $\curvearrowright$ -Shape $\text{P}=\text{O}$ Bond Transmutation in Polyphosphates with Infinite $(\text{PO}_3)_n$ Chain. Inorganic Chemistry, 2017, 56, 10139-10142.	4.6	14
324	Chemical Cosubstitution-Oriented Design of Rare-Earth Borates as Potential Ultraviolet Nonlinear Optical Materials. Journal of the American Chemical Society, 2017, 139, 18397-18405.	15.1	252

#	ARTICLE	IF	PR CITATIONS
325	Crystal Growth and Linear and Nonlinear Optical Properties of $\text{KIO}_3 \cdot \text{Te}(\text{OH})_6$ . Crystal Growth and Design, 2017, 17, 4405-4412.	3.4	15
326	$\text{Sn}_2\text{PO}_4\text{I}$ : An Excellent Birefringent Material with Giant Optical Anisotropy in Non $\pi$ -Conjugated Phosphate. Angewandte Chemie, 0, , . Promising Deep-Ultraviolet Birefringent Materials via Rational Design and Assembly of Planar $\pi$ -Conjugated $[\text{B}(\text{OH})_3]$ and $[\text{B}_3\text{O}_3]$	1.4	19
327	$[\text{B}(\text{OH})_3]$ and $[\text{B}_3\text{O}_3]$	1.4	3
328	Chain-like $[\text{S}_x]$ ( $x = 2-6$ ) Units Realizing Giant Birefringence with Transparency in the Near-Infrared for Optoelectronic Materials. Angewandte Chemie, 0, , .	1.4	2
329	$(\text{C}(\text{NH}_2)_3)_2(\text{IO}_3)(\text{H}_2\text{O})$ and $(\text{C}(\text{NH}_2)_3)_3(\text{IO}_2)_2\text{F}$ : Two Guanidine Fluorooxiodates with Wide Band Gap and Large Birefringence. Inorganic Chemistry, 0, , .	4.6	17