Shilie Pan

List of Publications by Year
in descending order

436	17,369	16398 64	21393 115
papers	citations	h-index	g-index

460	460	460	7790
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A^IB₃^{II}C₂^{III}Q₆^{VI}X^{VII}: A Thioborate Halide Family for Developing Wide Bandgap Infrared Nonlinear Materials by Coupling Planar [BS₃] and Polycations. Small, 2024, 20, .	11.2	2
2	PbTeB₄O₉: a lead tellurium borate with unprecedented fundamental building block [B₄O₁₀] and large birefringence. Chemical Communications, 2024, 60, 340-343.	4.2	1
3	Cd₈(BO₃)₄SiO₄: Metal Cation Inducing the Formation of Isolated [BO₃] and [SiO₄] Units in Borate Silicate. Inorganic Chemistry, 2024, 63, 852-859.	4.2	4
4	Design and implementation of high-performance 20-T hybrid full adder circuit. Analog Integrated Circuits and Signal Processing, 2024, 119, 97-110.	1.4	0
5	â€œThreeâ€inâ€Oneâ€: A New Hgâ€Based Selenide Hg₇P₂Se₁₂ Exhibiting Wide Infrared Transparency Range and Strong Nonlinear Optical Effect. Advanced Functional Materials, 2024, 34, .	16.5	5
6	New antimony fluorooxoborates with strong birefringence and unprecedented structural characterisation. Chemical Communications, 2024, 60, 2653-2656.	4.2	2
7	Where do the Fluorine Atoms Go in Inorganicâ€Oxide Fluorinations? A Fluorooxoborate Illustration under Terahertz Light. Angewandte Chemie - International Edition, 2024, 63, .	14.8	5
8	Where do the Fluorine Atoms Go in Inorganicâ€Oxide Fluorinations? A Fluorooxoborate Illustration under Terahertz Light. Angewandte Chemie, 2024, 136, .	2.1	0
9	Dual-Anion Strategy Induces Dual Enhancement Toward Ultrashort Phase-Matching Wavelength in Deep-UV Transparent d⁰ Transition Metal Oxyfluorides. , 2024, 6, 1094-1102.		0
10	Wide band gap selenide infrared nonlinear optical materials A^{II}Mg₆Ga₆Se₁₆ with strong SHG responses and high laser-induced damage thresholds. Chemical Science, 2024, 15, 6577-6582.	7.8	2
11	NaB(OH)₃CH₃: a deep-ultraviolet optical crystal with unprecedented methyl-modified [B(OH)₃CH₃] units. Journal of Materials Chemistry C, 2024, 12, 7916-7920.	5.6	1
12	CsAlB₃O₆Cl: the rational construction of a KBBF-type structure with aligned ²_{âˆž}[AlB₃O₆Cl] layers via introducing unprecedented [AlO₃Cl] tetrahedra. Chemical Communications, 2024, 60, 6516-6519.	4.2	0
13	Recent advances in rational structure design for nonlinear optical crystals: leveraging advantageous templates. Chemical Society Reviews, 2024, 53, 6568-6599.	40.3	1
14	A Machine-Learning-Assisted Crystalline Structure Prediction Framework To Accelerate Materials Discovery. ACS Applied Materials & Interfaces, 2024, 16, 36658-36666.	8.3	0
15	LiNa₂Ca₈B₁₂O₂₄F₆Cl and Li_{1.2}Na_{2.8}B₆O₁₁: A Case of Cation-Induced Birefringence Enhancement via Dimensional Changes of Highly Polymerized [B₁₂O₂₄] Motifs. Inorganic Chemistry, 2024, 63, 16461-16469.	4.2	0
16	Twin study identifies early immunological and metabolic dysregulation of CD8 ⁺ T cells in multiple sclerosis. Science Immunology, 2024, 9, .	13.1	0
17	Li_{0.5}Na_{0.5}AlB₂O₄F₂: Fluoroaluminoborate with Aligned ¹_{âˆž}[BO₂] Chain Induced by Unprecedented [AlO₃F₃]^{6â”} Species Features Enhanced Birefringence. Advanced Optical Materials, 2023, 11, .	7.9	8
18	Association between urethral funneling in stress urinary incontinence and the biological properties of the urethral rhabdosphincter muscle based on shear wave elastography. Neurourology and Urodynamics, 2023, 42, 282-288.	1.6	2

#	Article	IF	Citations
19	Rb₃B₅O₈F₂and K_{0.6}Rb_{2.4}B₅O₈F₂: two new deep-ultraviolet transparent nonlinear optical fluorooxoborates designed by cation regulation. Inorganic Chemistry Frontiers, 2023, 10, 787-792.	6.0	10
20	Rb₂CdSi₄S₁₀: novel [Si₄S₁₀] T2-supertetrahedra-contained infrared nonlinear optical material with large band gap. Materials Horizons, 2023, 10, 619-624.	12.8	43
21	Aluminoborates as Nonlinear Optical Materials. Angewandte Chemie - International Edition, 2023, 62, .	14.8	32
22	LiNaB₆O₉F₂: A Promising UV NLO Crystal Having Fluorineâ€Directed Optimal Performances and Double Interpenetrating ³[B₆O₉F₂]_{âˆž} Networks. Advanced Optical Materials, 2023, 11, .	7.9	16
23	Aluminoborates as Nonlinear Optical Materials. Angewandte Chemie, 2023, 135, .	2.1	2
24	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. Inorganic Chemistry, 2023, 62, 1697-1707.	4.2	6
25	Cs[B₃O₃F₂(OH)₂]: discovery of a hydroxyfluorooxoborate guided by selective organicâ€“inorganic transformation. Chemical Communications, 2023, 59, 2114-2117.	4.2	7
26	Identifying Ordered OH/F Anions in Hydroxyfluorides by a Terahertz Spectroscopic Approach. Journal of Physical Chemistry C, 2023, 127, 4367-4373.	3.3	6
27	NaRb₆(B₄O₅(OH)₄)₃(BO₂) Featuring Noncentrosymmetry, Chirality, and the Linear Anionic Group BO₂^{â€“}. Journal of the American Chemical Society, 2023, 145, 4928-4933.	14.6	45
28	Targetâ€Driven Design of Deepâ€UV Nonlinear Optical Materials via Interpretable Machine Learning. Advanced Materials, 2023, 35, .	24.3	34
29	CaB₂O₂F₄: A Novel [BOF₂]_{âˆž}-Based Structural Template with a Strong Second Harmonic Generation Response and Large Band Gap. Journal of Physical Chemistry C, 2023, 127, 6586-6592.	3.3	1
30	Chainâ€like [S_x] (x=2â€“6) Units Realizing Giant Birefringence with Transparency in the Nearâ€Infrared for Optoelectronic Materials. Angewandte Chemie - International Edition, 2023, 62, .	14.8	16
31	Enhancing birefringence of non-Ï€-conjugated sulfate systems through rare-earth metal-centered polyhedra. CrystEngComm, 2023, 25, 2939-2945.	2.4	4
32	Theoretical Predictionâ€Assisted Synthesis and Characterization of Infrared Nonlinear Optical Material NaSrBS₃. Advanced Optical Materials, 2023, 11, .	7.9	15
33	HgB₂S₄: A d¹⁰ Metal Thioborate with Giant Birefringence and Wide Band Gap. Chemistry of Materials, 2023, 35, 4556-4563.	7.1	10
34	Achieving the full-wavelength phase-matching for efficient nonlinear optical frequency conversion in C(NH2)3BF4. Nature Photonics, 2023, 17, 694-701.	23.1	175
35	Improved Birefringence Activated by Tetrahedra Decorated with a Single Linear Unit. Angewandte Chemie, 2023, 135, .	2.1	0
36	Improved Birefringence Activated by Tetrahedra Decorated with a Single Linear Unit. Angewandte Chemie - International Edition, 2023, 62, .	14.8	15

#	Article	IF	Citations
37	Stereochemically Active Tin(II)â€Induced Enhancement of Birefringence in Sn^{II}Sn^{IV}(PO₄)₂ and SrSn(PO₄)PO₂(OH)₂. Chemistry - A European Journal, 2023, 29, .	3.9	1
38	Two Ultraviolet Optical Crystals K₆B₁₂O₁₉F₄ and K₁₂B₂₈O₄₈: The Effects of Metal Cations Size and the F Ions on the Structure. Inorganic Chemistry, 2023, 62, 7599-7604.	4.2	0
39	Recent progress in borate-based short-wavelength nonlinear optical crystals with boronâ€“oxygen skeleton modification. Materials Chemistry Frontiers, 2023, 7, 4683-4692.	5.9	6
40	From Monofluorophosphates A₂PO₃F to Difluorophosphates APO₂F₂ (A = alkali metal): Design of a Potential Deep-Ultraviolet Nonlinear Optical Materials System with a Shortened Phase-Matching Wavelength. Chemistry of Materials, 2023, 35, 5281-5290.	7.1	11
41	Ultraviolet Crystal with Strong Optical Nonlinearity by Creating Halogen-Centered Secondary Building Blocks. Chemistry of Materials, 2023, 35, 5680-5688.	7.1	7
42	Fluorooxoborate Promoting the Exploration of Short-Wavelength Linear and Nonlinear Optical Crystals with Expected Properties and Versatile Structures. Chemistry of Materials, 2023, 35, 5671-5679.	7.1	11
43	Hydroxyfluorooxoborate (NH₄)[C(NH₂)₃][B₃O₃F₄(OH)] for exploring the effects of cation substitution on structure and optical properties. Chemical Communications, 2023, 59, 12435-12438.	4.2	9
44	Zn₂HgP₂S₈: A Wide Bandgap Hgâ€Based Infrared Nonlinear Optical Material with Large Secondâ€Harmonic Generation Response. Small, 2023, 19, .	11.2	26
45	Breaking the Inherent Interarrangement of [B₃O₆] Clusters for Nonlinear Optics with Orbital Hybridization Enhancement. Journal of the American Chemical Society, 2023, 145, 24401-24407.	14.6	41
46	[RbSr₃X][(BS₃)₂] (X = Cl, Br): two salt-inclusion thioborates with large birefringence and structure transformation from centrosymmetric to asymmetric. Chemical Communications, 2023, 60, 118-121.	4.2	3
47	Fluorination strategy toward chemical and functional modification. Fundamental Research, 2023, , .	3.8	5
48	Achieving Shortâ€Wavelength Phaseâ€Matching Second Harmonic Generation in Boronâ€Rich Borosulfate with Planar [BO₃] Units. Angewandte Chemie - International Edition, 2022, 61, .	14.8	56
49	Achieving Shortâ€Wavelength Phaseâ€Matching Second Harmonic Generation in Boronâ€Rich Borosulfate with Planar [BO₃] Units. Angewandte Chemie, 2022, 134, e202112844.	2.1	4
50	From Î²â€Na₂B₆O₁₀ to Na₃AlB₈O₁₅ and Na₃Al₂B₇O₁₅: Structural Tuning of Anionicâ€Group Architectures by Substitution of [BO₄] by [AlO₄] Covalent Tetrahedra. Chemistry - A European Journal, 2022, 28, .	3.9	8
51	Enhancement of band gap and birefringence induced via Ï€-conjugated chromophore with â€œtail effectâ€. Inorganic Chemistry Frontiers, 2022, 9, 1224-1232.	6.0	15
52	AZn₂(BO₃)Si₂O₅ (A = Rb, Cs): first examples of KBe₂BO₃F₂ structure type in the borosilicate family exhibiting a deep-ultraviolet cutoff edge. Journal of Materials Chemistry C, 2022, 10, 1727-1734.	5.6	11
53	Ba₂B₅O₈(OH)₂(NO₃)Â·3H₂O: the design of an alkaline earth metal borate-nitrate optimized from a hydroxylic borate. Dalton Transactions, 2022, 51, 1979-1984.	3.4	3
54	Sr₃B₁₄O₂₄: a new borate with a [B₁₄O₃₀] fundamental building block and an unwonted 2D double layer. Dalton Transactions, 2022, 51, 618-623.	3.4	5

#	Article	IF	Citations
55	Two new tellurite halides with cationic layers: syntheses, structures, and characterizations of CdPb₂Te₃O₈Cl₂ and Cd₁₃Pb₈Te₁₄O₄₂Cl₁₄. Inorganic Chemistry Frontiers, 2022, 9, 1023-1030.	6.0	12
56	Pb₂Al₂B₃O₈F₃: structure and properties of a new fluoroaluminoborate with non-traditional chain-like B₃O₈ groups. Dalton Transactions, 2022, 51, 3964-3969.	3.4	2
57	Hierarchical Modulation of Optical Anisotropy Driven by Metal Cation Polyhedra in Fluorooxoborates M^{II}B₄O₆F₂ (M^{II}=Be,) Tj ETQq1 1 0.784314 rgBT /	19	4
58	MMâ€²B₃O₄F₃ (M = K; Mâ€² = Na, K, Cs): Alkali-Metal Fluorooxoborates with _{âˆž}¹[B₃O₄F₃] Chains and Deep-Ultraviolet Cutoff Edges. Inorganic Chemistry, 2022, 61, 2713-2718.	4.2	8
59	Guanidinium Fluorooxoborates as Efficient Metal-free Short-Wavelength Nonlinear Optical Crystals. Chemistry of Materials, 2022, 34, 440-450.	7.1	88
60	Ba₁₀LuB₁₈O₃₂F₁₃: the first example of borate in the Luâ€“Bâ€“Oâ€“F system with the unprecedented FBB [B₉O₂₂]. Inorganic Chemistry Frontiers, 2022, 9, 2298-2304.	6.0	9
61	â€œRemoving Centerâ€”An Effective Structure Design Strategy for Nonlinear Optical Crystals. Chemistry of Materials, 2022, 34, 2429-2438.	7.1	19
62	Strong Nonlinearity Induced by Coaxial Alignment of Polar Chain and Dense [BO₃] Units in CaZn₂(BO₃)₂. Angewandte Chemie, 2022, 134, .	2.1	10
63	Strong Nonlinearity Induced by Coaxial Alignment of Polar Chain and Dense [BO₃] Units in CaZn₂(BO₃)₂. Angewandte Chemie - International Edition, 2022, 61, .	14.8	134
64	Toward the Rational Design of Midâ€Infrared Nonlinear Optical Materials with Targeted Properties via a Multiâ€Level Dataâ€Driven Approach. Advanced Functional Materials, 2022, 32, .	16.5	67
65	Mesenchymal and stem-like prostate cancer linked to therapy-induced lineage plasticity and metastasis. Cell Reports, 2022, 39, 110595.	6.3	28
66	[C₃N₆H₇]₂[B₃O₃F₄(OH)]: a new hybrid birefringent crystal with strong optical anisotropy induced by mixed functional units. Journal of Materials Chemistry C, 2022, 10, 6590-6595.	5.6	39
67	(N₂H₆)[HPO₃F]₂: maximizing the optical anisotropy of deep-ultraviolet fluorophosphates. Chemical Communications, 2022, 58, 5594-5597.	4.2	20
68	Noncentrosymmetric Rare-Earth Borate Fluoride La₂B₅O₉F₃: A New Ultraviolet Nonlinear Optical Crystal with Enhanced Linear and Nonlinear Performance. ACS Applied Materials & Interfaces, 2022, 14, 18704-18712.	8.3	31
69	The Combination of Structure Prediction and Experiment for the Exploration of Alkaliâ€Earth Metalâ€Contained Chalcopyriteâ€Like IR Nonlinear Optical Material. Advanced Science, 2022, 9, e2106120.	12.4	58
70	Lone Pair-Driven Enhancement of Birefringence in Polar Alkali Metal Antimony Phosphates. Chemistry of Materials, 2022, 34, 4224-4231.	7.1	23
71	Doubleâ€Modification Oriented Design of a Deepâ€UV Birefringent Crystal Functionalized by [B₁₂O₁₆F₄(OH)₄] Clusters. Angewandte Chemie - International Edition, 2022, 61, .	14.8	88
72	Doubleâ€Modification Oriented Design of a Deepâ€UV Birefringent Crystal Functionalized by [B₁₂O₁₆F₄(OH)₄] Clusters. Angewandte Chemie, 2022, 134, .	2.1	4

#	Article	IF	Citations
73	Promising Deepâ€Ultraviolet Birefringent Materials via Rational Design and Assembly of Planar Ïâ€Conjugated [B(OH)₃] and [B₃O₃(OH)₃] Functional Species. Angewandte Chemie - International Edition, 2022, 61, .	14.8	45
74	Sog. Cum/Ex-GeschÃfte: Ãœbergang des wirtschaftlichen Eigentums beim Handel mit Aktien. Die Unternehmensbesteuerung, 2022, 15, 250-268.	0.0	0
75	Enhancement of Birefringence in Borophosphate Pushing Phase-Matching into the Short-Wavelength Region. Journal of the American Chemical Society, 2022, 144, 9083-9090.	14.6	83
76	Second-Harmonic Generation-Positive Na₂Ga₂SiS₆with a Broad Band Gap and a High Laser Damage Threshold. Inorganic Chemistry, 2022, 61, 7546-7552.	4.2	12
77	CsAB₈O₁₂F₂Â·CsI (A = K⁺,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (structuresviaa salt-inclusion strategy. Journal of Materials Chemistry C, 2022, 10, 8584-8588.	5.6	17
78	NaBaBS₃: A Promising Infrared Functional Material with Large Birefringence Induced by Ï€-Conjugated [BS₃] Units. Chemistry of Materials, 2022, 34, 5215-5223.	7.1	16
79	Performance of optical materials with the derivative of planar Ï€-conjugated groups: Recent advances and future prospects. Inorganic Chemistry Frontiers, 2022, 9, 4554-4568.	6.0	19
80	K₃Sr₃Li₂Al₄B₆O₂₀F: a competitive nonlinear optical crystal for generation of a 266 nm laser. Journal of Materials Chemistry C, 2022, 10, 11232-11238.	5.6	20
81	Rearrangement of [B₂O₅] Dimers within [B₇O₁₄] Clusters Enables Enhanced Optical Anisotropy in Li₃Cs₆Al₂B₁₄O₂₈F. Inorganic Chemistry, 2022, 61, 12067-12072.	4.2	2
82	Î±-LiMB₉O₁₅ (M = Sr, Pb): flexible [B₃O₇] units leading to the low temperature phase of Î²-LiMB₉O₁₅ (M = Sr, Pb). Inorganic Chemistry Frontiers, 2022, 9, 5371-5376.	6.0	5
83	Difluoro(oxalato)borates as Short-Wavelength Optical Crystals with Bifunctional [BF₂C₂O₄] Units. Chemistry of Materials, 2022, 34, 7516-7525.	7.1	19
84	From Phosphate Fluoride to Fluorophosphate: Design of Novel Ultraviolet/Deep-Ultraviolet Nonlinear Optical Materials for BePO₃F with Optical Property Enhancement. ACS Applied Materials & Interfaces, 2022, 14, 39081-39090.	8.3	17
85	NaB₃O₄F(OH): A Hydroxyfluorooxoborate with One-Dimensional Chain Featuring Large Birefringence and Short Ultraviolet Cutoff Edge. Inorganic Chemistry, 2022, 61, 13600-13607.	4.2	4
86	Li_{6.58}Na_{7.43}Sr₄(B₉O₁₈)(B₁₂O₂₄)Cl: unprecedented combination of the largest two highly polymerized isolated Bâ€“O clusters with novel isolated B₉O₁₈ FBB. Inorganic Chemistry Frontiers, 2022, 9, 4614-4623.	6.0	11
87	Origins of THz Modes and Their IR Intensities in LiNbO₃. Journal of Physical Chemistry C, 2022, 126, 15509-15516.	3.3	6
88	A₂B₆O₉F₂(A = NH₄, K): new members of A₂B₆O₉F₂family with deep-UV cutoff edges and moderate birefringence. Chemical Communications, 2022, 58, 12369-12372.	4.2	8
89	Predicting Diamond-like Nitrides as Infrared Nonlinear Optical Materials with High Thermal Conductivity. Chemistry of Materials, 2022, 34, 10059-10067.	7.1	8
90	Sn₃B₁₀O₁₇Cl₂ Achieving Birefringence Enhancement by Stereochemical Activity Lone Pair. Inorganic Chemistry, 2022, 61, 18238-18244.	4.2	7

#	Article	IF	Citations
91	Large optical anisotropy-oriented construction of a carbonate-nitrate chloride compound as a potential ultraviolet birefringent material. Chemical Science, 2022, 13, 13482-13488.	7.8	14
92	Exploring Short-Wavelength Phase-Matching Nonlinear Optical Crystals by Employing KBe₂BO₃F₂ as the Template. ACS Central Science, 2022, 8, 1557-1564.	12.3	47
93	A^IB₃^{II}C₃^{III}Q₈^{VI}: 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.	14.6	73
94	Î±â€SnF₂: A UV Birefringent Material with Large Birefringence and Easy Crystal Growth. Angewandte Chemie - International Edition, 2021, 60, 3540-3544.	14.8	130
95	Role of Pyridinic Nitrogen in the Mechanism of the Oxygen Reduction Reaction on Carbon Electrocatalysts. Angewandte Chemie - International Edition, 2021, 60, 5121-5124.	14.8	71
96	Facile Access to an Active Î³â€NiOOH Electrocatalyst for Durable Water Oxidation Derived From an Intermetallic Nickel Germanide Precursor. Angewandte Chemie - International Edition, 2021, 60, 4640-4647.	14.8	142
97	Series of Crystals with Giant Optical Anisotropy: A Targeted Strategic Research. Angewandte Chemie, 2021, 133, 1352-1358.	2.1	9
98	Series of Crystals with Giant Optical Anisotropy: A Targeted Strategic Research. Angewandte Chemie - International Edition, 2021, 60, 1332-1338.	14.8	92
99	Diseaseâ€Associated Tau Phosphorylation Hinders Tubulin Assembly within Tau Condensates. Angewandte Chemie - International Edition, 2021, 60, 726-730.	14.8	64
100	Î±â€SnF 2 : A UV Birefringent Material with Large Birefringence and Easy Crystal Growth. Angewandte Chemie, 2021, 133, 3582-3586.	2.1	12
101	Borates: A Rich Source for Optical Materials. Chemical Reviews, 2021, 121, 1130-1202.	51.4	619
102	Sn₂B₅O₉Br as an Outstanding Bifunctional Material with Strong Secondâ€Harmonic Generation Effect and Large Birefringence. Advanced Optical Materials, 2021, 9, 2001734.	7.9	63
103	AB11O16(OH)2 (A = K and Cs): interpenetrating 2D layers with large birefringence. CrystEngComm, 2021, 23, 35-39.	2.4	4
104	A first exploration of isostructurality in transition metal nitroprussides: X-ray analysis, magnetic properties and DFT calculations. CrystEngComm, 2021, 23, 1158-1171.	2.4	3
105	Cs₂AlB₅O₁₀: a short-wavelength nonlinear optical crystal with moderate second harmonic generation response. Dalton Transactions, 2021, 50, 822-825.	3.4	8
106	Ba₂B₇O₁₂F with novel FBB [B₇O₁₆F] and deep-ultraviolet cut-off edge. Inorganic Chemistry Frontiers, 2021, 8, 339-343.	6.0	23
107	Biomorphic triangulations: constructing an additional formation pathway to achieve hierarchical self-evolution in biomorphs. Materials Chemistry Frontiers, 2021, 5, 472-481.	5.9	6
108	Sn₁₄O₁₁Br₆: a promising birefringent material with a [Sn₁₄O₁₁Br₆] layer. Journal of Materials Chemistry C, 2021, 9, 7103-7109.	5.6	20

#	Article	IF	Citations
109	Synergism of multiple functional chromophores significantly enhancing the birefringence in layered non-centrosymmetric chalcohalides. Inorganic Chemistry Frontiers, 2021, 8, 1588-1598.	6.0	14
110	Barium fluoroiodate crystals with a large band gap and birefringence. Inorganic Chemistry Frontiers, 2021, 8, 3127-3133.	6.0	17
111	Ba₂BS₃Cl and Ba₅B₂S₈Cl₂: first alkaline-earth metal thioborate halides with [BS₃] units. Chemical Communications, 2021, 57, 6440-6443.	4.2	18
112	The synthesis, characterization, and theoretical analysis of (NH₄)₃PbCl₅. New Journal of Chemistry, 2021, 45, 2038-2043.	2.7	1
113	Design and synthesis of Ba₃SiSe₅ with suitable birefringence modulated via M^{IV} atoms in the Baâ€“M^{IV}â€“Q (M^{IV} = Si, Ge; Q = S, Se) system. Dalton Transactions, 2021, 50, 11999-12005.	3.4	2
114	A proton conductive hydrogen-bonded framework incorporating 18-crown-6-ether and dicarboxy-o-terphenyl moieties. Materials Advances, 2021, 2, 5639-5644.	5.2	19
115	An antimony(<scp>iii</scp>) borate with large birefringence exhibiting unwonted [B₅O₁₁] fundamental building blocks and dimeric [Sb₂O₆] clusters. Inorganic Chemistry Frontiers, 2021, 8, 2584-2590.	6.0	17
116	A self-assembling, biporous, metal-binding covalent organic framework and its application for gas separation. Materials Advances, 2021, 2, 3362-3369.	5.2	3
117	BaZn₃(BO₃)₂F₂: a new beryllium-free zincoborate with a KBBF-type structure. Dalton Transactions, 2021, 50, 13216-13219.	3.4	8
118	A review on the recently developed promising infrared nonlinear optical materials. Dalton Transactions, 2021, 50, 3155-3160.	3.4	68
119	SrTi(IO₃)₆Â·2H₂O and SrSn(IO₃)₆: distinct arrangements of lone pair electrons leading to large birefringences. RSC Advances, 2021, 11, 10309-10315.	3.7	5
120	Computationally assisted multistage design and prediction driving the discovery of deep-ultraviolet nonlinear optical materials. Materials Chemistry Frontiers, 2021, 5, 3507-3523.	5.9	32
121	From centrosymmetric to noncentrosymmetric: effect of the cation on the crystal structures and birefringence values of (NH₄)_{nâ˜2}AE(PO₂F₂)_n (AE = Mg, Sr and Ba;) Tj ETQq1 1 0.784314	3.4	4
122	From BaCl₂ to Ba(NO₃)Cl: significantly enhanced birefringence derived from Ï€-conjugated [NO₃]. New Journal of Chemistry, 2021, 45, 17544-17550.	2.7	6
123	Highly selective electroreduction of nitrate to ammonia on a Ru-doped tetragonal Co₂P monolayer with low-limiting overpotential. Catalysis Science and Technology, 2021, 11, 7160-7170.	4.2	56
124	BaTi(BO₃)₂: an excellent birefringent material with highly coplanar isolated [BO₃] groups. New Journal of Chemistry, 2021, 45, 7065-7068.	2.7	8
125	Death-related factors in HIV/AIDS patients undergoing hemodialysis in an intensive care unit. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2021, 63, e33.	1.1	1
126	Pb_{2.28}Ba_{1.72}B₁₀O₁₉ featuring a three-dimensional Bâ€“O anionic network with edge-sharing [BO₄] obtained under ambient pressure. Inorganic Chemistry Frontiers, 2021, 8, 3716-3722.	6.0	4

#	Article	IF	Citations
127	Ba_{2.5}Pb_{1.5}B₁₂O₂₂: structural transformation from a centrosymmetric to a noncentrosymmetric space group by introducing Pb into Ba₂B₆O₁₁. Dalton Transactions, 2021, 50, 13031-13036.	3.4	5
128	Production and Preparation of Porcine Urinary Bladder Matrix (UBM) for Urinary Bladder Tissue-Engineering Purposes. Advances in Experimental Medicine and Biology, 2021, 1345, 119-128.	0.0	3
129	Finding Short-Wavelength Birefringent Crystals with Large Optical Anisotropy Activated by Ï€-Conjugated [C(NH₂)₃] Units. Crystal Growth and Design, 2021, 21, 1869-1877.	3.2	18
130	Na₆MQ₄ (M=Zn, Cd; Q=S, Se): Promising New Ternary Infrared Nonlinear Optical Materials. Chemistry - A European Journal, 2021, 27, 6538-6544.	3.9	19
131	Toward the Enhancement of Critical Performance for Deep-Ultraviolet Frequency-Doubling Crystals Utilizing Covalent Tetrahedra. Accounts of Materials Research, 2021, 2, 282-291.	13.2	92
132	Prediction of Novel van der Waals Boron Oxides with Superior Deepâ€Ultraviolet Nonlinear Optical Performance. Angewandte Chemie, 2021, 133, 10886-10892.	2.1	6
133	Prediction of Novel van der Waals Boron Oxides with Superior Deepâ€Ultraviolet Nonlinear Optical Performance. Angewandte Chemie - International Edition, 2021, 60, 10791-10797.	14.8	29
134	M₃B₆O₁₀NO₃ (Mâ€…=â€…K, Rb): Two New Alkali Metal Borateâ€Nitrates with Noncentrosymmetric Structures. European Journal of Inorganic Chemistry, 2021, 2021, 1297-1304.	2.2	13
135	Cation Substitution of Hexagonal Triple Perovskites: A Case in Trimetallic Tellurates A2Aâ€²BTe2O9. Inorganic Chemistry, 2021, 60, 6099-6106.	4.2	7
136	Expanding the chemistry of borates with functional [BO2]â¯ anions. Nature Communications, 2021, 12, 2597.	13.2	118
137	Discovery of First Magnesium Fluorooxoborate with Stable Fluorine Terminated Framework for Deepâ€UV Nonlinear Optical Application. Angewandte Chemie, 2021, 133, 14771-14777.	2.1	16
138	RbMT₃(BO₃)₂O₃ (M=Ba, Sr; T=Al, Ga): New Doubleâ€Layered Oxyborates Constructed from [BO₃] Triangles and [TO₄] Tetrahedra. Chemistry - A European Journal, 2021, 27, 8698-8703.	3.9	7
139	Discovery of First Magnesium Fluorooxoborate with Stable Fluorine Terminated Framework for Deepâ€UV Nonlinear Optical Application. Angewandte Chemie - International Edition, 2021, 60, 14650-14656.	14.8	122
140	Selfâ€Healing Titanium Dioxide Nanocapsulesâ€Graphene/Multiâ€Branched Polyurethane Hybrid Flexible Film with Multifunctional Properties toward Wearable Electronics. Advanced Functional Materials, 2021, 31, 2011133.	16.5	60
141	Unique Unilateral-Chelated Mode-Induced dâ€“pâ¯Ï€ Interaction Enhances Second-Harmonic Generation Response in New Ln₃LiMS₇ Family. Chemistry of Materials, 2021, 33, 4225-4230.	7.1	26
142	Cs₄B₄O₃F₁₀: First Fluorooxoborate with [BF₄] Involving Heteroanionic Units and Extremely Low Melting Point. Chemistry - A European Journal, 2021, 27, 9753-9757.	3.9	16
143	Fluorineâ€Driven Enhancement of Birefringence in the Fluorooxosulfate: A Deep Evaluation from a Joint Experimental and Computational Study. Advanced Science, 2021, 8, e2003594.	12.4	93
144	Broad tunable photonic microwave generation in an optically pumped spin-VCSEL with optical feedback stabilization. Optics Letters, 2021, 46, 3147.	3.3	15

#	Article	IF	Citations
145	Yb:GdScO₃ crystal for efficient ultrashort pulse lasers. Optics Letters, 2021, 46, 3641.	3.3	30
146	The First Mixed Calcium Zinc Borate with a Flexible [B 8 O 17] Fundamental Building Block and Short UV Cutoff Edge. Chemistry - A European Journal, 2021, 27, 12047-12051.	3.9	2
147	Li₃La₂(BO₃)₃ and Li_{1.75}Na_{1.25}La₂(BO₃)₃: A Great Enhancement in Birefringence Induced by Optimal Arrangement of Ï€-Conjugated [BO₃] Units. Inorganic Chemistry, 2021, 60, 12565-12572.	4.2	12
148	Hydroxyfluorooxoborate Na[B 3 O 3 F 2 (OH) 2]â‹…[B(OH) 3]: Optimizing the Optical Anisotropy with Heteroanionic Units for Deep Ultraviolet Birefringent Crystals. Angewandte Chemie, 2021, 133, 20632-20638.	2.1	14
149	Hg₃P₂S₈: A New Promising Infrared Nonlinear Optical Material with a Large Second-Harmonic Generation and a High Laser-Induced Damage Threshold. Chemistry of Materials, 2021, 33, 6514-6521.	7.1	86
150	Tetrafluoroborate-Monofluorophosphate (NH₄)₃[PO₃F][BF₄]: First Member of Oxyfluoride with Bâ€“F and Pâ€“F Bonds. ACS Organic & Inorganic Au, 2021, 1, 6-10.	4.3	13
151	Hydroxyfluorooxoborate Na[B₃O₃F₂(OH)₂]â‹…[B(OH)₃]: Optimizing the Optical Anisotropy with Heteroanionic Units for Deep Ultraviolet Birefringent Crystals. Angewandte Chemie - International Edition, 2021, 60, 20469-20475.	14.8	109
152	Electrochemical Modulation of Carbon Monoxideâ€Mediated Cell Signaling. Angewandte Chemie - International Edition, 2021, 60, 20325-20330.	14.8	14
153	Li₄MgGe₂S₇: The First Alkali and Alkalineâ€Earth Diamondâ€Like Infrared Nonlinear Optical Material with Exceptional Large Band Gap. Angewandte Chemie, 2021, 133, 24333-24338.	2.1	14
154	NaRbB 3 O 4 F 3 : A New Fluorooxoborate with a Short UV Cutoff Edge Enriching the Structural Chemistry of Borate. Chemistry - an Asian Journal, 2021, 16, 3082-3085.	3.5	5
155	Li₄MgGe₂S₇: The First Alkali and Alkalineâ€Earth Diamondâ€Like Infrared Nonlinear Optical Material with Exceptional Large Band Gap. Angewandte Chemie - International Edition, 2021, 60, 24131-24136.	14.8	145
156	Sn2PO4I: An Excellent Birefringent Material with Giant Optical Anisotropy in Non Ï€â€Conjugated Phosphate. Angewandte Chemie, 2021, 133, 25105.	2.1	14
157	Finding a Series of BaBOF₃ Fluorooxoborate Polymorphs with Tunable Symmetries: A Simple but Flexible Case. Chemistry of Materials, 2021, 33, 7905-7913.	7.1	28
158	Identical in Formula but Not Isotypic in Configuration: Discovery of a New Highly Polymerized [B₁₂O₂₄] Cluster in Cs₃AlB₆O₁₂. Inorganic Chemistry, 2021, 60, 15131-15135.	4.2	10
159	Sn₂PO₄I: An Excellent Birefringent Material with Giant Optical Anisotropy in Non Ï€â€Conjugated Phosphate. Angewandte Chemie - International Edition, 2021, 60, 24901-24904.	14.8	121
160	InnenrÃ¼cktitelbild: Li₄MgGe₂S₇: The First Alkali and Alkalineâ€Earth Diamondâ€Like Infrared Nonlinear Optical Material with Exceptional Large Band Gap (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1	
161	BaB₄O₅F₄ with reversible phase transition featuring unprecedented fundamental building blocks of [B₁₆O₂₁F₁₆] in the Î±-phase and [B₄O₆F₄] in the Î²-phase. Chemical Communications, 2021, 57, 4182-4185.	4.2	15
162	Two deep-ultraviolet nonlinear optical monolayers obtained by a template-optimized design strategy. Inorganic Chemistry Frontiers, 2021, 8, 4791-4795.	6.0	2

#	Article	IF	Citations
163	Enhanced birefringence and suppressed second harmonic generation response mechanism in nonlinear optical materials via structural fine-tuning. Materials Chemistry Frontiers, 2021, 5, 7580-7586.	5.9	9
164	Sn₃B₈O₁₅: A Ternary Tin(II) Borate with Flexible [B₈O₁₈]^{12â€“} Fundamental Building Block Formed by [B₇O₁₆]^{11â€“} and [BO₃]^{3â€“} Groups. Inorganic Chemistry, 2021, 60, 883-891.	4.2	9
165	A new broad-band infrared window material CdPbOCl₂ with excellent comprehensive properties. Dalton Transactions, 2021, 50, 16401-16405.	3.4	6
166	Coordination-Directed Structural Modulation and Design of Deep-Ultraviolet Nonlinear Optical Materials. Journal of Physical Chemistry C, 2021, 125, 24859-24866.	3.3	3
167	Treatment of Variable Complex Mixed Dye Wastewater by Photodegradation with a Photocatalyst Gradation Strategy. Industrial & Engineering Chemistry Research, 2021, 60, 17520-17533.	3.8	8
168	CsAlB₃O₆F: a beryllium-free deep-ultraviolet nonlinear optical material with enhanced thermal stability. Chemical Science, 2020, 11, 694-698.	7.8	115
169	Effect of anion dimensionality on optical properties: the _{âˆž}[B₇O₁₀(OH)₂] layer in CsB₇O₁₀(OH)₂vs. the _{âˆž}[B₇O₁₂] framework in CsBaB₇O₁₂. Dalton Transactions, 2020, 49, 1293-1299.	3.4	14
170	Al₈(BO₃)₄(B₂O₅)F₈: A F-Containing Aluminum Borate Featuring Two Types of Isolated Bâ€“O Groups. Inorganic Chemistry, 2020, 59, 810-817.	4.2	6
171	NaRb₃B₆O₉(OH)₃(HCO₃): A Borate-Bicarbonate Nonlinear Optical Material. Inorganic Chemistry, 2020, 59, 759-766.	4.2	15
172	Neue Kandidaten fÃ¼r die nichtlineare Optik im Tiefâ€UVâ€Bereich. Angewandte Chemie, 2020, 132, 20480-20496.	2.1	40
173	Emergent Deepâ€Ultraviolet Nonlinear Optical Candidates. Angewandte Chemie - International Edition, 2020, 59, 20302-20317.	14.8	219
174	A Molecular Chameleon for Mapping Subcellular Polarity in an Unfolded Proteome Environment. Angewandte Chemie - International Edition, 2020, 59, 10129-10135.	14.8	79
175	Does vaccination with 4CMenB convey protection against meningococcal serogroup B strains not predicted to be covered by MATS? A study of the UK clonal complex cc269. Human Vaccines and Immunotherapeutics, 2020, 16, 945-948.	3.3	8
176	Two new ammonium/alkali-rare earth metal difluorophosphates ALa(PO₂F₂)₄(A = NH₄and K) with moderate birefringence and short cutoff edges. Dalton Transactions, 2020, 49, 11591-11596.	3.4	16
177	RbB₃O₄F₂: a rubidium fluorooxoborate with an unprecedented [B₃O₅F₂]^{3â^’} functionalized unit and a large birefringence. Chemical Communications, 2020, 56, 15333-15336.	4.2	30
178	K₄(PO₂F₂)₂(S₂O₇): first fluorooxophosphorsulfate with mixed-anion [S₂O₇]^{2â^’}and [PO₂F₂]^{â^’}groups. Dalton Transactions, 2020, 49, 17658-17664.	3.4	11
179	Inventory of country-specific emissions of engineered nanomaterials throughout the life cycle. Environmental Science: Nano, 2020, 7, 3824-3839.	4.2	12
180	Enhanced optical anisotropyviadimensional control in alkali-metal chalcogenides. Physical Chemistry Chemical Physics, 2020, 22, 19697-19703.	2.9	16

#	Article	IF	Citations
181	Three non-centrosymmetric bismuth phosphates, Li₂ABi(PO₄)₂(A =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Frontiers, 2020, 7, 3364-3370.	6.0	17
182	Fluorooxoborate layers: second harmonic generation and Raman spectra anisotropy. New Journal of Chemistry, 2020, 44, 13939-13943.	2.7	2
183	Intense d-p Hybridization Induced a Vast SHG Response Disparity between Tetrahedral Vanadates and Arsenates. Journal of Physical Chemistry C, 2020, 124, 24949-24956.	3.3	9
184	Role of Fluorooxo-Functional Units in Symmetry Breaking and Second Harmonic Generation Response Contribution in Fluorooxoborate Nonlinear Optical Crystals. Crystal Growth and Design, 2020, 20, 7582-7587.	3.2	13
185	Second Harmonic Generation Susceptibilities from Symmetry Adapted Wannier Functions. Physical Review Letters, 2020, 125, 187402.	8.0	107
186	A review of the AI2B^{II}C^{IV}DVI4 family as infrared nonlinear optical materials: the effect of each site on the structure and optical properties. Chemical Communications, 2020, 56, 11565-11576.	4.2	47
187	Phase transformation of PiMoCo and their electrocatalytic activity for oxygen evolution reaction. CrystEngComm, 2020, 22, 6003-6009.	2.4	1
188	Ba₃(BO₃)(CO₃)F: The First Borate Carbonate Fluoride Synthesized by the Highâ€Temperature Solution Method. Chemistry - A European Journal, 2020, 26, 16628-16632.	3.9	12
189	Alcohols as Fluoroalkyl Synthons: Niâ€catalyzed Dehydrogenative Approach to Access Polyfluoroalkyl Bisâ€indoles. Chemistry - A European Journal, 2020, 26, 16649-16654.	3.9	13
190	Cs₃B₃O₃F₆ with a Deep-Ultraviolet Cutoff Edge and a Suitable Birefringence as the Potential Zero-Order Waveplate Material. Inorganic Chemistry, 2020, 59, 13014-13018.	4.2	18
191	Broadening of the Fluorescence Spectra of Sesquioxide Crystals for Ultrafast Lasers. Crystal Growth and Design, 2020, 20, 4678-4685.	3.2	21
192	Li₄Ca₂B₈O₁₆: A Borate with a Unique Fundamental Building Block and a Short Cutoff Edge. Inorganic Chemistry, 2020, 59, 8396-8403.	4.2	12
193	From BaAl₂(BO₃)₂O to SnAl₂(BO₃)₂F₂: structure transformation based on ion regulation. New Journal of Chemistry, 2020, 44, 9852-9857.	2.7	2
194	Rb₃BaTeB₇O₁₅: a novel [B₇O₁₆] fundamental building block in a new telluroborate with [TeO₃] polyhedra. Dalton Transactions, 2020, 49, 8911-8917.	3.4	7
195	Novel luminescent homo/heterometallic platinum(<scp>ii</scp>) alkynyl complexes based on Y-shaped pyridyl diphosphines. Dalton Transactions, 2020, 49, 8347-8353.	3.4	3
196	Emerging Research in Chronic Pruritus: From Bedside to Bench and Back Again. Medicines (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	2
197	New Alkaline-Earth Metal Fluoroiodates Exhibiting Large Birefringence and Short Ultraviolet Cutoff Edge with Highly Polarizable (IO₃F)^{2â€“} Units. Chemistry of Materials, 2020, 32, 5723-5728.	7.1	46
198	ZnIO₃F: Zinc Iodate Fluoride with Large Birefringence and Wide Band Gap. Inorganic Chemistry, 2020, 59, 4172-4175.	4.2	42

#	Article	IF	Citations
199	K₂Na(IO₃)₂(I₃O₈) with Strong Second Harmonic Generation Response Activated by Two Types of Isolated Iodate Anions. Chemistry of Materials, 2020, 32, 3608-3614.	7.1	36
200	Alignment of Polar Moieties Leading to Strong Second Harmonic Response in KCsMoP₂O₉. Chemistry of Materials, 2020, 32, 3297-3303.	7.1	35
201	Polar polymorphism: Î±- and Î²-KCsWP₂O₉nonlinear optical materials with a strong second harmonic generation response. Journal of Materials Chemistry C, 2020, 8, 11441-11448.	5.6	23
202	PbB₅O₇F₃: A High-Performing Short-Wavelength Nonlinear Optical Material. Chemistry of Materials, 2020, 32, 2172-2179.	7.1	93
203	Noncentrosymmetric Fluorooxoborates A₁₀B₁₃O₁₅F₁₉ (A = K and Rb) with Unexpected [B₁₀O₁₂F₁₃]^{7â€“} Units and Deep-Ultraviolet Cutoff Edges. Inorganic Chemistry, 2020, 59, 3274-3280.	4.2	21
204	BaGeO3: A Mid-IR Transparent Crystal with Superstrong Raman Response. Inorganic Chemistry, 2020, 59, 3542-3545.	4.2	3
205	Structural Diversity of Molybdate Iodate and Fluoromolybdate: Syntheses, Structures, and Calculations on Na₃(MoO₄)(IO₃) and Na₃Cs(MoO₂F₄)₂. Inorganic Chemistry, 2020, 59, 3034-3041.	4.2	13
206	Ba(B₂OF₃(OH)₂)₂with well-ordered OH/F anions and a unique B₂OF₃(OH)₂dimer. Chemical Communications, 2020, 56, 3301-3304.	4.2	22
207	Band-Gap Modulation of Nonlinear-Optical Fluorooxoborates by Controlling the F/B Ratios. Inorganic Chemistry, 2020, 59, 1588-1591.	4.2	3
208	A Promising Fluorooxoborate Framework with Flexibile Capability for Diverse Cations to Enhance the Second Harmonic Generation. Chemistry - A European Journal, 2020, 26, 3723-3728.	3.9	11
209	LiBa₄Ga₅Q₁₂ (Q = S, Se): Noncentrosymmetric Metal Chalcogenides with a Cesium Chloride Topological Structure Displaying a Remarkable Laser Damage Threshold. Inorganic Chemistry, 2020, 59, 5674-5682.	4.2	26
210	Prediction of ternary fluorooxoborates with coplanar triangular units [BO_xF_{3â^'x}]^{xâ^'} from first-principles. Dalton Transactions, 2020, 49, 5424-5428.	3.4	10
211	Coordination chemistry of [Y(pypa)]^{â^'} and comparison immuno-PET imaging of [⁴⁴Sc]Sc- and [⁸⁶Y]Y-pypa-phenyl-TRC105. Dalton Transactions, 2020, 49, 5547-5562.	3.4	14
212	Three diphosphates, Î±-Li₂Na₂P₂O₇, Li₈Pb₃Ba(P₂O₇)₄and Li₇Rb(P₂O₇)₂: influences of co-substitution on the crystal structure. Dalton Transactions, 2020, 49, 6744-6750.	3.4	5
213	Prediction and Characterization of NaGaS₂, A High Thermal Conductivity Mid-Infrared Nonlinear Optical Material for High-Power Laser Frequency Conversion. Inorganic Chemistry, 2019, 58, 93-98.	4.2	31
214	Hydrogenation reactions catalyzed by colloidal palladium nanoparticles under flow regime. AICHE Journal, 2019, 65, e16752.	3.6	6
215	Structural insights into three phosphates with distinct polyanionic configurations. Dalton Transactions, 2019, 48, 13406-13412.	3.4	12
216	Ba₃Ca₄(BO₃)₃(SiO₄)Cl: a new non-centrosymmetric complex alkaline-earth metal borosilicate chloride with a deep-ultraviolet cut-off edge. Inorganic Chemistry Frontiers, 2019, 6, 2200-2208.	6.0	16

#	Article	IF	Citations
217	Intrinsic zero thermal expansion in cube cyanurate K₆Cd₃(C₃N₃O₃)₄. Inorganic Chemistry Frontiers, 2019, 6, 2291-2295.	6.0	20
218	Experiment and First-Principles Calculations of A₂Mg₂TeB₂O₁₀ (A = Pb, Ba): Influences of the Cosubstitution on the Structure Transformation and Optical Properties. Inorganic Chemistry, 2019, 58, 11127-11132.	4.2	17
219	Prediction of Fluorooxoborates with Colossal Second Harmonic Generation (SHG) Coefficients and Extremely Wide Band Gaps: Towards Modulating Properties by Tuning the BO₃/BO₃F Ratio in Layers. Angewandte Chemie, 2019, 131, 11852-11856.	2.1	17
220	Structural modulation induced by M^{IIIA}metals in Ba₃MQ₄X (M =) Tj ETQq0 0 0 rgBT /Overlock 10 48, 12713-12719.	3.4	4
221	Multifunctional NaYF₄:Yb,Er@PE₃@Fe₃O₄ nanocomposites for magnetic-field-assisted upconversion imaging guided photothermal therapy of cancer cells. Dalton Transactions, 2019, 48, 12850-12857.	3.4	15
222	Prediction of Fluorooxoborates with Colossal Second Harmonic Generation (SHG) Coefficients and Extremely Wide Band Gaps: Towards Modulating Properties by Tuning the BO₃/BO₃F Ratio in Layers. Angewandte Chemie - International Edition, 2019, 58, 11726-11730.	14.8	75
223	Ag₃[PMo₁₂O₄₀]: An efficient and green catalyst for the synthesis of highly functionalized pyranâ€annulated heterocycles via multicomponent reaction. Applied Organometallic Chemistry, 2019, 33, e5043.	3.6	23
224	Ba₃B₁₀O₁₇F₂·0.1KF: the first mixed alkali/alkaline-earth metal fluorooxoborate with unprecedented double-layered Bâ€“O/F anionic arrangement. Chemical Communications, 2019, 55, 8923-8926.	4.2	16
225	Sn₂B₅O₉Cl: A Material with Large Birefringence Enhancement Activated Prepared via Alkalineâ€Earthâ€Metal Substitution by Tin. Angewandte Chemie - International Edition, 2019, 58, 17675-17678.	14.8	194
226	Transcriptionâ€Related Dynamics from Immune Disability into Endogenous Innovation. Advanced Science, 2019, 6, 1900767.	12.4	3
227	Nontoxic KBBF Family Member Zn₂BO₃(OH): Balance between Beneficial Layered Structure and Layer Tendency. Advanced Science, 2019, 6, 1901679.	12.4	59
228	Sn₂B₅O₉Cl: A Material with Large Birefringence Enhancement Activated Prepared via Alkalineâ€Earthâ€Metal Substitution by Tin. Angewandte Chemie, 2019, 131, 17839-17842.	2.1	29
229	CO(NH₂)₂·NH₄Cl: an ultraviolet birefringent material with conjugated Cî€O groups. CrystEngComm, 2019, 21, 6072-6079.	2.4	12
230	Assessment of van der Waals inclusive density functional theory methods for adsorption and selective dehydrogenation of formic acid on Pt(111) surface. Physical Chemistry Chemical Physics, 2019, 21, 21049-21056.	2.9	24
231	Cation Modulation on the Crystal Structure and Band Gap of Fluorooxoborates A₃B₃O₃F₆ (A = Alkali and Mixed Alkali Metal). Inorganic Chemistry, 2019, 58, 13411-13417.	4.2	16
232	LiBa₂M^{III}Q₄ (M^{III} = Al, Ga, In; Q = S, Se): A Series of Metal Chalcogenides with a Structural Transition. Inorganic Chemistry, 2019, 58, 12859-12866.	4.2	10
233	Experimental characterization and first principles calculations of linear and nonlinear optical properties of two orthophosphates A₃Al₂(PO₄)₃(A =) Tj ETQq1 1 0.784314 rgBT	1.1	31
234	Adjustable optical nonlinearity in d¹⁰ cations containing chalcogenides via dp hybridization interaction. Dalton Transactions, 2019, 48, 2592-2597.	3.4	12

#	Article	IF	Citations
235	Lone pair effects on ternary infrared nonlinear optical materials. Physical Chemistry Chemical Physics, 2019, 21, 5142-5147.	2.9	16
236	Li₄Na₂CsB₇O₁₄: a new edge-sharing [BO₄]^{5â¯} tetrahedra containing borate with high anisotropic thermal expansion. Chemical Communications, 2019, 55, 1295-1298.	4.2	42
237	BaB8O12F2: a promising deep-UV birefringent material. Inorganic Chemistry Frontiers, 2019, 6, 546-549.	6.0	50
238	Enhancing photoelectrochemical hydrogen production of a n⁺p-Si hetero-junction photocathode with amorphous Ni and Ti layers. Inorganic Chemistry Frontiers, 2019, 6, 527-532.	6.0	10
239	The first lithium difluorophosphate LiPO₂F₂with a neutral polytetrahedral microporous architecture. Chemical Communications, 2019, 55, 1817-1820.	4.2	21
240	An alkali metal phosphate RbPbBi₂(PO₄)₃ with three kinds of disorder: the effect of isolated soft cation units on the crystal structure. Inorganic Chemistry Frontiers, 2019, 6, 2050-2054.	6.0	4
241	Î²â€CsB₉O₁₄: A Tripleâ€Layered Borate with Edgeâ€Sharing BO₄ Tetrahedra Exhibiting a Short Cutoff Edge and a Large Birefringence. Chemistry - A European Journal, 2019, 25, 11614-11619.	3.9	29
242	Ligand Engineering for Broadening Infrared Luminescence of Kramers Ytterbium Ions in Disordered Sesquioxides. Crystal Growth and Design, 2019, 19, 3704-3713.	3.2	22
243	K₂[B₄O₅(OH)₄]Â·H₂O and K₂[B₄O₅(OH)₄]: two new hydrated potassium borates with isolated [B₄O₅(OH)₄]^{2â¯}units and different structural frameworks. New Journal of Chemistry, 2019, 43, 11660-11665.	2.7	3
244	Molecular design and selection of 1,2,5-oxadiazole derivatives as high-energy-density materials. New Journal of Chemistry, 2019, 43, 11610-11617.	2.7	10
245	Transformation of the Bâ€“O Units from Corner-Sharing to Edge-Sharing Linkages in BaMBO₄ (M = Ga, Al). Inorganic Chemistry, 2019, 58, 8237-8244.	4.2	23
246	Be₂CO₃F₂ Monolayer: A Flexible Ultraviolet Nonlinear Optical Material via Rational Design. Inorganic Chemistry, 2019, 58, 7715-7721.	4.2	2
247	Three new phosphates, Cs8Pb4(P2O7)4, CsLi7(P2O7)2 and LiCa(PO3)3: structural comparison, characterization and theoretical calculation. Dalton Transactions, 2019, 48, 8948-8954.	3.4	19
248	Two alkali calcium borates exhibiting second harmonic generation and deep-UV cutoff edges. New Journal of Chemistry, 2019, 43, 9354-9363.	2.7	2
249	Association between Weather Types based on the Spatial Synoptic Classification and All-Cause Mortality in Sweden, 1991â€“2014. International Journal of Environmental Research and Public Health, 2019, 16, 1696.	2.7	11
250	K₉[B₄O₅(OH)₄]₃(CO₃)XÂ·7H₂O (X = Cl, Br): Syntheses, Characterizations, and Theoretical Studies of Noncentrosymmetric Halogen Borateâ€“Carbonates with Short UV Cutoff Edges. Inorganic Chemistry, 2019, 58, 6974-6982.	4.2	13
251	From centrosymmetric to noncentrosymmetric: cation-directed structural evolution in X₃ZnB₅O₁₀(X = Na, K, Rb) and Cs₁₂Zn₄(B₅O₁₀)₄crystals. Inorganic Chemistry Frontiers, 2019, 6, 1461-1467.	6.0	15
252	A new barium fluorooxoborate BaB₅O₈FÂ·xH₂O with large birefringence and a wide UV transparency window. Dalton Transactions, 2019, 48, 6714-6717.	3.4	24

#	Article	IF	Citations
253	Balancing ionic and H-bonding interactions for the formation of Au(<scp>i</scp>) hydrometallogels. Dalton Transactions, 2019, 48, 7519-7526.	3.4	7
254	Module-Analysis-Assisted Design of Deep Ultraviolet Fluorooxoborates with Extremely Large Gap and High Structural Stability. Chemistry of Materials, 2019, 31, 2807-2813.	7.1	92
255	NaCa₅BO₃(SiO₄)₂ with Interesting Isolated [BO₃] and [SiO₄] Units in Alkali- and Alkaline-Earth-Metal Borosilicates. Inorganic Chemistry, 2019, 58, 3937-3943.	4.2	12
256	Designing Three Fluorooxoborates with a Wide Transmittance Window by Anionic Group Substitution. Inorganic Chemistry, 2019, 58, 3596-3600.	4.2	14
257	Modified cosmology from extended entropy with varying exponent. European Physical Journal C, 2019, 79, 1.	4.0	142
258	Cs2 Zn5 (PO4)4 and Cs3 La(PO4)2 : Two Cs-Containing Phosphates with Three-Dimensional Frameworks. European Journal of Inorganic Chemistry, 2019, 2019, 2462-2467.	2.2	10
259	The Influence of dâ€f Coupling on Slow Magnetic Relaxation in Ni^{II}Ln^{III}M^{III} (Ln = Gd, Tb, Dy; M = Cr, Fe, Co) Clusters. European Journal of Inorganic Chemistry, 2019, 2019, 2361-2367.	2.2	13
260	ABaSbQ₃ (A = Li, Na; Q = S, Se): diverse arrangement modes of isolated SbQ₃ ligands regulating the magnitudes of birefringences. Chemical Communications, 2019, 55, 5143-5146.	4.2	35
261	Targeted filling of silica in Nafion by a modified in situ solâ€“gel method for enhanced fuel cell performance at elevated temperatures and low humidity. Chemical Communications, 2019, 55, 5499-5502.	4.2	29
262	Two Polar Molybdenum(VI) Iodates(V) with Large Second-Harmonic Generation Responses. Chemistry of Materials, 2019, 31, 2992-3000.	7.1	61
263	BaB₂O₃F₂: A Barium Fluorooxoborate with a Unique [B₂O₃F]^{â^'} Layer and Short Cutoff Edge. Chemistry - A European Journal, 2019, 25, 6693-6697.	3.9	33
264	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.	16.6	335
265	A₂SrM^{IV}S₄ (A = Li, Na; M^{IV} = Ge, Sn) concurrently exhibiting wide bandgaps and good nonlinear optical responses as new potential infrared nonlinear optical materials. Chemical Science, 2019, 10, 3963-3968.	7.8	65
266	Sn₂B₇O₁₂F with a 2â^ž[B₁₄O₂₄]^{6â^'} layer constructed from the unprecedented [B₇O₁₆]^{11â^'} fundamental building block. Inorganic Chemistry Frontiers, 2019, 6, 996-1002.	6.0	17
267	Enhanced intrinsic saturation magnetization of Zn_xCo_{1â^'x}Fe₂O₄ nanocrystallites with metastable spinel inversion. Materials Chemistry Frontiers, 2019, 3, 668-679.	5.9	30
268	Li₂ZnGeS₄: 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.	3.4	36
269	Er³⁺-Activated NaLaMgWO₆ double perovskite phosphors and their bifunctional application in solid-state lighting and non-contact optical thermometry. Dalton Transactions, 2019, 48, 4405-4412.	3.4	79
270	LiGeBO₄: 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.	6.0	18

#	Article	IF	Citations
271	Ba₄(BS₃S)₂S₄: a new thioborate with unprecedented [BS₃-S] and [S₄] fundamental building blocks. Chemical Communications, 2019, 55, 14793-14796.	4.2	18
272	Mg(H₂O)₆B₄O₅(OH)₄(H₂O)₃: a new hydrated borate with a short DUV cutoff edge. Dalton Transactions, 2019, 48, 17408-17413.	3.4	6
273	Ce(IO₃)₂F₂â‹…H₂O: The First Rareâ€Earthâ€Metal Iodate Fluoride with Large Second Harmonic Generation Response. Chemistry - A European Journal, 2019, 25, 1221-1226.	3.9	48
274	A review on the development of infrared nonlinear optical materials with triangular anionic groups. Journal of Solid State Chemistry, 2019, 271, 266-272.	3.0	35
275	Rational Design via Synergistic Combination Leads to an Outstanding Deep-Ultraviolet Birefringent Li₂Na₂B₂O₅ Material with an Unvalued B₂O₅ Functional Gene. Journal of the American Chemical Society, 2019, 141, 3258-3264.	14.6	196
276	PARVAPROSTATUM SYNBRANCHI N. GEN. N. SP. (TREMATODA: DIPLOSTOMIDA), PARÃSITO DE LA ANGUILA SYNBRANCHUS MARMORATUS BLOCH, 1795 EN URUGUAY. Neotropical Helminthology, 2019, 13, 151-160.	0.2	1
277	Effect of Element Substitution on Structural Transformation and Optical Performances in I₂BaM^{IV}Q₄ (I = Li, Na, Cu, and Ag; M^{IV} =) Tj ETQq1 1 0.784314 rgBT	4.2	43
278	K 3 B 6 O 9 F 3 : A New Fluorooxoborate with Four Different Anionic Units. Chemistry - A European Journal, 2018, 24, 4497-4502.	3.9	38
279	SrB₅O₇F₃ Functionalized with [B₅O₉F₃]^{6â^'} Chromophores: Accelerating the Rational Design of Deepâ€Ultraviolet Nonlinear Optical Materials. Angewandte Chemie, 2018, 130, 6203-6207.	2.1	108
280	A Series of Rare-Earth Borates K₇MRE₂B₁₅O₃₀ (M =) Tj ETQq0 0 0 rgBT /Overlock 1 Materials, 2018, 30, 2414-2423.	7.1	78
281	SrB₅O₇F₃ Functionalized with [B₅O₉F₃]^{6â^'} Chromophores: Accelerating the Rational Design of Deepâ€Ultraviolet Nonlinear Optical Materials. Angewandte Chemie - International Edition, 2018, 57, 6095-6099.	14.8	614
282	BaBOF₃: a new aurivillius-like borate containing two types of F atoms. Dalton Transactions, 2018, 47, 5157-5160.	3.4	31
283	Synthesis, structure and magnetic properties of tris(pyrazolyl)methane lanthanide complexes: effect of the anion on the slow relaxation of magnetization. Dalton Transactions, 2018, 47, 5153-5156.	3.4	24
284	InnenrÃ¼cktitelbild: SrB₅O₇F₃ Functionalized with [B₅O₉F₃]^{6â^'} Chromophores: Accelerating the Rational Design of Deepâ€Ultraviolet Nonlinear Optical Materials (Angew. Chem. 21/2018). Angewandte Chemie, 2018, 130, 6461-6461.	2.1	0
285	Engineering Proteins at Interfaces: From Complementary Characterization to Material Surfaces with Designed Functions. Angewandte Chemie - International Edition, 2018, 57, 12626-12648.	14.8	41
286	Polar Fluorooxoborate, NaB₄O₆F: A Promising Material for Ionic Conduction and Nonlinear Optics. Angewandte Chemie - International Edition, 2018, 57, 6577-6581.	14.8	387
287	A Very Short Uranium(IV)â€“Rhodium(I) Bond with Net Doubleâ€Dative Bonding Character. Angewandte Chemie - International Edition, 2018, 57, 6587-6591.	14.8	57
288	Oxidation Catalysis by an Aerobically Generated Dessâ€“Martin Periodinane Analogue. Angewandte Chemie - International Edition, 2018, 57, 7205-7209.	14.8	27

#	Article	IF	Citations
289	CaB₅O₇F₃: A Beryllium-Free Alkaline-Earth Fluorooxoborate Exhibiting Excellent Nonlinear Optical Performances. Inorganic Chemistry, 2018, 57, 4820-4823.	4.2	146
290	Ba₂ZnSc(BO₃)₃and Ba₄Zn₅Sc₂(BO₃)₈: first examples of borates in the Znâ€“Scâ€“Bâ€“O system featuring special structure configurations. Inorganic Chemistry Frontiers, 2018, 5, 1787-1794.	6.0	12
291	Polar Fluorooxoborate, NaB₄O₆F: A Promising Material for Ionic Conduction and Nonlinear Optics. Angewandte Chemie, 2018, 130, 6687-6691.	2.1	66
292	Biâ€, Yâ€Codoped TiO2 for Carbon Dioxide Photocatalytic Reduction to Formic Acid under Visible Light Irradiation. Chinese Journal of Chemistry, 2018, 36, 538-544.	6.6	17
293	Na₆Zn₃MIII2Q₉ (M^{III} = Ga, In; Q = S, Se): four new supertetrahedron-layered chalcogenides with unprecedented vertex-sharing T₃-clusters and desirable photoluminescence performances. Inorganic Chemistry Frontiers, 2018, 5, 1415-1422.	6.0	28
294	Magnetic surface molecularly imprinted poly(3-aminophenylboronic acid) for selective capture and determination of diethylstilbestrol. RSC Advances, 2018, 8, 13129-13141.	3.7	21
295	LiNa₄B₁₅O₂₅: Featuring Unprecedented B₁₅O₃₀ Fundamental Building Block and Deep-UV Cutoff Edge. Inorganic Chemistry, 2018, 57, 2876-2882.	4.2	17
296	LiCs₂La(BO₃)₂ and Li₃K₉La₃(BO₃)₇: new mixed alkali metal lanthanum borates with three-dimensional open frameworks and short cut-off edges. Dalton Transactions, 2018, 47, 3512-3520.	3.4	7
297	A metalâ€“organic framework derived hierarchical nickelâ€“cobalt sulfide nanosheet array on Ni foam with enhanced electrochemical performance for supercapacitors. Dalton Transactions, 2018, 47, 3496-3502.	3.4	201
298	Functional Materials Design via Structural Regulation Originated from Ions Introduction: A Study Case in Cesium Iodate System. Chemistry of Materials, 2018, 30, 1136-1145.	7.1	75
299	Four new quaternary chalcogenides A₂Ba₇Sn₄Q₁₆ (A) Tj ETQq1 1 0.784314 rgB investigation. New Journal of Chemistry, 2018, 42, 3350-3355.	2.7	19
300	Antibacterial and rechargeable surface functional nanofiber membrane for healthcare textile application. New Journal of Chemistry, 2018, 42, 2824-2829.	2.7	3
301	1,3â€Dioxolane: A Strategy to Improve Electrode Interfaces in Lithium Ion and Lithiumâ€Sulfur Batteries. ChemElectroChem, 2018, 5, 1272-1278.	3.5	21
302	Cationâ€Tuned Synthesis of Fluorooxoborates: Towards Optimal Deepâ€Ultraviolet Nonlinear Optical Materials. Angewandte Chemie, 2018, 130, 2172-2176.	2.1	133
303	Nâ€Substituted Hydrazones by Manganeseâ€Catalyzed Coupling of Alcohols with Hydrazine: Borrowing Hydrogen and Acceptorless Dehydrogenation in One System. Angewandte Chemie, 2018, 130, 2201-2204.	2.1	30
304	Oxyhalides: prospecting ore for optical functional materials with large laser damage thresholds. Journal of Materials Chemistry C, 2018, 6, 2435-2442.	5.6	58
305	Cationâ€Tuned Synthesis of Fluorooxoborates: Towards Optimal Deepâ€Ultraviolet Nonlinear Optical Materials. Angewandte Chemie - International Edition, 2018, 57, 2150-2154.	14.8	556
306	A Member of Fluorooxoborates: Li₂Na_{0.9}K_{0.1}B₅O₈F₂ with the Fundamental Building Block B₅O₁₀F₂ and a Short Cutoff Edge. Inorganic Chemistry, 2018, 57, 873-878.	4.2	23

#	Article	IF	Citations
307	Computer-Assisted Design of a Superior Be₂BO₃F Deep-Ultraviolet Nonlinear-Optical Material. Inorganic Chemistry, 2018, 57, 5716-5719.	4.2	32
308	MBaYB₆O₁₂(M = Rb, Cs): two new rare-earth borates with large birefringence and short ultraviolet cutoff edges. Dalton Transactions, 2018, 47, 750-757.	3.4	31
309	Three-in-one type fluorescent sensor based on a pyrene pyridoxal cascade for the selective detection of Zn(<scp>ii</scp>), hydrogen phosphate and cysteine. Dalton Transactions, 2018, 47, 742-749.	3.4	77
310	NaBaM^{III}Q₃ (M^{III} = Al, Ga; Q = S, Se): first quaternary chalcogenides with isolated edge-sharing (MIII2Q₆)^{6â”} dimers. Dalton Transactions, 2018, 47, 16044-16047.	3.4	8
311	Ba₃B₁₀O₁₇Br₂: a new barium borate halide with Bâ€“O layered structure. Dalton Transactions, 2018, 47, 16418-16421.	3.4	3
312	Designing an Excellent Deep-Ultraviolet Birefringent Material for Light Polarization. Journal of the American Chemical Society, 2018, 140, 16311-16319.	14.6	381
313	Two Lanthanide Borate Chlorides LnB₄O₆(OH)₂Cl (Ln = La, Ce) with Wide Ultraviolet Transmission Windows and Large Second-Harmonic Generation Responses. Inorganic Chemistry, 2018, 57, 14953-14960.	4.2	16
314	(R)Evolution aus dem Labor. Chemie in Unserer Zeit, 2018, 52, 370-374.	0.3	0
315	Ion-induced structural and optical performance evolution in LBO-like crystals: experimental and theoretical investigation. Inorganic Chemistry Frontiers, 2018, 5, 2955-2963.	6.0	9
316	Total membrane lipid assay (MLA): simple and practical quantification of exosomes based on efficient membrane-specific dyes unaffected by proteins. Materials Chemistry Frontiers, 2018, 2, 2130-2139.	5.9	14
317	Group OSCE (GOSCE) as a formative clinical assessment tool forÂpre-clerkship medical students at the University of Sharjah. Journal of Taibah University Medical Sciences, 2018, 13, 409-414.	1.0	3
318	The Rubidium Barium Borate Resulting from B₇O₁₅ Fundamental Building Block Exhibits DUV Cutoff Edge. Inorganic Chemistry, 2018, 57, 13380-13385.	4.2	16
319	BaB₂S₄: An Efficient and Air-Stable Thioborate as Infrared Nonlinear Optical Material with High Laser Damage Threshold. Chemistry of Materials, 2018, 30, 7428-7432.	7.1	73
320	Li₂BaSc(BO₃)₂F and LiBa₂Pb(BO₃)₂F with Layered Structures featuring Special Liâ”O/F Configurations. Chemistry - A European Journal, 2018, 24, 15477-15481.	3.9	8
321	The first lead fluorooxoborate PbB₅O₈F: achieving the coexistence of large birefringence and deep-ultraviolet cut-off edge. Chemical Communications, 2018, 54, 6308-6311.	4.2	72
322	Reconstitution of full-length P450BM3 with an artificial metal complex by utilising the transpeptidase Sortase A. Chemical Communications, 2018, 54, 7892-7895.	4.2	25
323	M^IM^{II}P₃O₉ (M^I = Rb, M^{II} = Cd,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (Substitution Application in Cyclophosphate Family and Nonlinear Optical Properties. Inorganic Chemistry, 2018, 57, 7372-7379.	4.2	26
324	Diagnostic Discordance, Health Information Exchange, and Inter-Hospital Transfer Outcomes: a Population Study. Journal of General Internal Medicine, 2018, 33, 1447-1453.	2.7	35

#	Article	IF	Citations
325	Remarkable multimember-ring configurations in a new family of Na₇M^{II}Sb₅S₁₂(M^{II}= Zn, Cd, Hg) exhibiting various three-dimensional tunnel structures. Chemical Communications, 2018, 54, 8269-8272.	4.2	21
326	N-Sulfonyl acetylketenimine as a highly reactive intermediate for the synthesis of N-sulfonyl amidines. Chemical Communications, 2018, 54, 8222-8225.	4.2	38
327	BaLiZn₃(BO₃)₃: a new member of the KBe₂BO₃F₂family possessing dense BO₃triangles and the smallest interlayer distance. New Journal of Chemistry, 2018, 42, 12365-12368.	2.7	14
328	Ureas as safe carbonyl sources for the synthesis of carbamates with deep eutectic solvents (DESs) as efficient and recyclable solvent/catalyst systems. New Journal of Chemistry, 2018, 42, 13249-13255.	2.7	30
329	Designing Deepâ€UV Birefringent Crystals by Cation Regulation. Chemistry - A European Journal, 2018, 24, 11267-11272.	3.9	48
330	K₁₁RbB₂₈O₄₈: a new triple-layered borate with an unprecedented [B₂₈O₅₇] fundamental building block. Dalton Transactions, 2018, 47, 10833-10836.	3.4	18
331	Bioaccumulation of silver nanoparticles in model wastewater biofilms. Environmental Science: Water Research and Technology, 2018, 4, 1163-1171.	2.2	6
332	K₂TeP₂O₈: a new telluro-phosphate with a pentagonal Teâ€“Pâ€“O layer structure. Dalton Transactions, 2018, 47, 9453-9458.	3.4	20
333	Ba3Mg3(BO3)3F3 polymorphs with reversible phase transition and high performances as ultraviolet nonlinear optical materials. Nature Communications, 2018, 9, 3089.	13.2	341
334	The First Examples of Lithiumâ€Containing Mixedâ€Alkali Strontium Borates with Different Dimensional Anionic Architectures and Short Cutoff Edges. Chemistry - A European Journal, 2018, 24, 15355-15364.	3.9	14
335	Module-Guided Design Scheme for Deep-Ultraviolet Nonlinear Optical Materials. Journal of the American Chemical Society, 2018, 140, 10726-10733.	14.6	144
336	Fluorooxoborates: Ushering in a New Era of Deep Ultraviolet Nonlinear Optical Materials. Chemistry - A European Journal, 2018, 24, 17638-17650.	3.9	85
337	Bridgeâ€Caging Strategy in Phosphorusâ€Substituted Rhodamine for Modular Development of Nearâ€Infrared Fluorescent Probes. Chemistry - A European Journal, 2018, 24, 14506-14512.	3.9	29
338	Advantageous Units in Antimony Sulfides: Exploration and Design of Infrared Nonlinear Optical Materials. ACS Applied Materials & Interfaces, 2018, 10, 26413-26421.	8.3	81
339	Expanding Frontiers of Ultraviolet Nonlinear Optical Materials with Fluorophosphates. Chemistry of Materials, 2018, 30, 5397-5403.	7.1	206
340	Mo⁶⁺ Cation Enrichment of the Structure Chemistry of Iodates: Syntheses, Structures, and Calculations of Ba(MoO₂)₂(IO₃)₄O, Ba₃[(MoO₂)₂(IO₃)₄O(OH)₄]Â·2H₂O, and Sr[(MoO₂)₆(IO₄)₂O₄]Â·H₂O. Inorganic Chemistry, 2018, 57, 9376-9384.	4.2	21
341	Four alkali metal molybdates with two types of Moâ€“O chains, ABMo₃O₁₀ (A =) Tj ETQq1 1 0.784314 rgB Chemistry, 2018, 42, 10879-10884.	2.7	6
342	Links between peptides and Mn oxide: nano-sized manganese oxide embedded in a peptide matrix. New Journal of Chemistry, 2018, 42, 10067-10077.	2.7	2

#	Article	IF	Citations
343	Flexible coordination of Pb atoms and variable zincâ€“borate frameworks to construct three Pb₅Zn₄B₆O₁₈ polymorphs. Inorganic Chemistry Frontiers, 2018, 5, 2501-2507.	6.0	8
344	Intriguing Structural Transition Inducing Variable Birefringences in ABa2MS4Cl (A = Rb, Cs; M = Ge,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.2	26
345	From LiB₃O₅ to NaRbB₆O₉F₂: Fluorineâ€Directed Evolution of Structural Chemistry. Chemistry - A European Journal, 2018, 24, 10022-10027.	3.9	31
346	Exploring Active Sites in Multiâ€Heteroatomâ€Doped Coâ€Based Catalysts for Hydrogen Evolution Reactions. Chemistry - A European Journal, 2018, 24, 12480-12484.	3.9	18
347	A Fluorooxosilicophosphate with an Unprecedented SiO₂F₄ Species. Angewandte Chemie - International Edition, 2018, 57, 9828-9832.	14.8	44
348	NH₄B₁₁O₁₆(OH)₂: a new ammonium borate with wavy-shaped polycyclic 2â^ž[B₁₁O₁₆(OH)₂] layers. New Journal of Chemistry, 2018, 42, 12091-12097.	2.7	20
349	A Fluorooxosilicophosphate with an Unprecedented SiO₂F₄ Species. Angewandte Chemie, 2018, 130, 9976-9980.	2.1	5
350	Insights of BO₃â€“PO₄ replacement for the design and synthesis of a new borateâ€“phosphate with unique 1â^ž[Zn₄BO₁₁] chains and two new phosphates. Inorganic Chemistry Frontiers, 2018, 5, 327-334.	6.0	12
351	The influence of an external magnetic field and magnetic-site dilution on the magnetization dynamics of a coordination network based on ferromagnetic coupled dinuclear dysprosium(<scp>iii</scp>) units. Inorganic Chemistry Frontiers, 2018, 5, 432-437.	6.0	45
352	Developing Your Literature Review. , 2018, , 36-68.		0
353	The first quaternary diamond-like semiconductor with 10-membered LiS₄rings exhibiting excellent nonlinear optical performances. Chemical Communications, 2017, 53, 3010-3013.	4.2	98
354	Bi₃OF₃(IO₃)₄: Metal Oxyiodate Fluoride Featuring a Carbon-Nanotube-like Topological Structure with Large Second Harmonic Generation Response. Chemistry of Materials, 2017, 29, 945-949.	7.1	113
355	Reduction of hepatic fibrosis by overexpression of von Hippelâ€“Lindau protein in experimental models of chronic liver disease. Scientific Reports, 2017, 7, 41038.	3.4	19
356	Enhancing optical anisotropy of crystals by optimizing bonding electron distribution in anionic groups. Chemical Communications, 2017, 53, 2818-2821.	4.2	168
357	Top-Seeded Solution Crystal Growth and Linear and Nonlinear Optical Properties of Ba₄B₁₁O₂₀F. Crystal Growth and Design, 2017, 17, 1404-1410.	3.2	38
358	Na₂CdGe₂Q₆(Q = S, Se): two metal-mixed chalcogenides with phase-matching abilities and large second-harmonic generation responses. Dalton Transactions, 2017, 46, 2778-2784.	3.4	71
359	ACaBO₃(A = Cs, Rb): two new cubic borates with isolated BO₃groups. Dalton Transactions, 2017, 46, 4968-4974.	3.4	20
360	Protein-bound Vaccinium fruit polyphenols decrease IgE binding to peanut allergens and RBL-2H3 mast cell degranulation in vitro. Food and Function, 2017, 8, 1611-1621.	4.6	46

#	Article	IF	Citations
361	The structural diversity of halogen-centered secondary building units: two new mixed-metal borate halides with deep-ultraviolet cut-off edges. Dalton Transactions, 2017, 46, 4923-4928.	3.4	14
362	A theoretical study on oxidative cleavage of olefins to carbonyls catalysed by Fe(<scp>iii</scp>)-PyBisulidine. Dalton Transactions, 2017, 46, 3825-3832.	3.4	3
363	Experimental and ab initio studies of two UV nonlinear optical materials. RSC Advances, 2017, 7, 20259-20265.	3.7	11
364	Notably enhanced thermoelectric properties of lamellar polypyrrole by doping with Î²-naphthalene sulfonic acid. RSC Advances, 2017, 7, 20192-20200.	3.7	36
365	Syntheses, crystal structures and characterization of three alkaline metal borates. CrystEngComm, 2017, 19, 2561-2569.	2.4	5
366	Regiospecific [2+2] photocycloadditions of an unsymmetrical olefin in the solid state based on metal-mediated assemblies. CrystEngComm, 2017, 19, 2603-2607.	2.4	15
367	Diptoindonesin G promotes ERK-mediated nuclear translocation of p-STAT1 (Ser727) and cell differentiation in AML cells. Cell Death and Disease, 2017, 8, e2765-e2765.	6.4	27
368	Na₈MB₂₁O₃₆ (M = Rb and Cs): Noncentrosymmetric Borates with Unprecedented [B₂₁O₃₆]^{9â€“} Fundamental Building Blocks. Inorganic Chemistry, 2017, 56, 5506-5509.	4.2	28
369	DFT-Based Comparative Study about the Influence of Fluorine and Hydroxyl Anions on Opto-Electric Properties of Borate Crystals: Choice for Better Anion. Inorganic Chemistry, 2017, 56, 5636-5645.	4.2	11
370	LiMCO₃(M = K, Rb, Cs): a series of mixed alkali carbonates with large birefringence. Dalton Transactions, 2017, 46, 6894-6899.	3.4	10
371	Novel red phosphors KBaEu(XO₄)₃ (X = Mo, W) show high color purity and high thermostability from a disordered chained structure. Dalton Transactions, 2017, 46, 6776-6784.	3.4	22
372	A Selfâ€Powered Dynamic Displacement Monitoring System Based on Triboelectric Accelerometer. Advanced Energy Materials, 2017, 7, 1700565.	22.2	125
373	BaCu₂M^{IV}Q₄(M^{IV}= Si, Ge, and Sn; Q = S, Se): synthesis, crystal structures, optical performances and theoretical calculations. RSC Advances, 2017, 7, 29378-29385.	3.7	49
374	Design and Synthesis of a Series of Novel Mixed Borate and Carbonate Halides. Chemistry - A European Journal, 2017, 23, 10451-10459.	3.9	17
375	Li₆Zn₃(BO₃)₄: a new zincoborate featuring vertex-, edge- and face-sharing LiO₄tetrahedra and exhibiting reversible phase transitions. Inorganic Chemistry Frontiers, 2017, 4, 1100-1107.	6.0	18
376	Structure comparison and optical properties of Na₇Mg_{4.5}(P₂O₇)₄: a sodium magnesium phosphate with isolated P₂O₇units. New Journal of Chemistry, 2017, 41, 3399-3404.	2.7	17
377	Application of the dimensional reduction formalism to Pb_{9â^'x}Ba_x[Li₂(P₂O₇)₂(P₄O₁₃ (x = 0, 2, 6, 7): a series of phosphates with two types of isolated polyphosphate groups. Dalton Transactions, 2017, 46, 4678-4684.	3.4	13
378	Synthesis of layer-like Ni(OH)₂ decorated ZnIn₂S₄ sub-microspheres with enhanced visible-light photocatalytic hydrogen production activity. Dalton Transactions, 2017, 46, 10620-10629.	3.4	66

#	Article	IF	Citations
379	A₃Sr₂P₇O₂₁ (A = Rb, Cs): Two Polyphosphates Based on Different Types of Pâ€“O Chains and Ring Structures. Inorganic Chemistry, 2017, 56, 3939-3945.	4.2	34
380	Sidelobe Suppression and Beam Collimation in the Generation of Vortex Electromagnetic Waves for Radar Imaging. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1289-1292.	4.4	25
381	Na₂B₆O₉F₂: 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.	4.2	96
382	Three Mixed-Alkaline Borates: Na₂M₂B₂₀O₃₂ (M = Rb,) Tj ETQq0 0 0 rgBT /Overloc Li₄Cs₄B₄₀O₆₄ with Fundamental Building Block B₄₀O₇₇. Inorganic Chemistry, 2017, 56, 13456-13463.	4.2	29
383	New Compressed Chalcopyrite-like Li₂BaM^{IV}Q₄ (M^{IV} =) Tj ETQq1 1 0.784314 rgBT Society, 2017, 139, 14885-14888.	14.6	212
384	ScMO(BO₃) (M = Ca and Cd): new Sc-based oxyborates featuring interesting edge-sharing sandwich-like chains and UV cut-off edges. Dalton Transactions, 2017, 46, 14839-14846.	3.4	13
385	A pair of 3D enantiotopic zinc(<scp>ii</scp>) complexes based on two asymmetric achiral ligands. Dalton Transactions, 2017, 46, 14779-14784.	3.4	12
386	Na₆Si₃S₈O: the first example of a sulfide silicate exhibiting unusual tri-polymerized [Si₃S₈O]^{6â¯}units without Sâ€“O bonds. Dalton Transactions, 2017, 46, 13356-13359.	3.4	6
387	CsB₄O₆F: A Congruentâ€Melting Deepâ€Ultraviolet Nonlinear Optical Material by Combining Superior Functional Units. Angewandte Chemie - International Edition, 2017, 56, 14119-14123.	14.8	696
388	CsB₄O₆F: A Congruentâ€Melting Deepâ€Ultraviolet Nonlinear Optical Material by Combining Superior Functional Units. Angewandte Chemie, 2017, 129, 14307-14311.	2.1	169
389	Finding the Next Deep-Ultraviolet Nonlinear Optical Material: NH₄B₄O₆F. Journal of the American Chemical Society, 2017, 139, 10645-10648.	14.6	941
390	Structural Insights into Borates with an Anionâ€Templated Openâ€Framework Configuration: Asymmetric K₂BaB₁₆O₂₆ versus Centrosymmetric K₃CsB₂₀O₃₂ and Na₂M₂NB₁₈O₃₀ (M=Rb, Cs; N=Ba, Pb). Chemistry - A European Journal, 2017, 23, 13910-13918.	3.9	25
391	Discrepancy Between Experimental and Theoretical Predictions of the Adiabaticity of Ti⁺+CH₃OH. Chemistry - A European Journal, 2017, 23, 11780-11783.	3.9	19
392	Deep-Ultraviolet Nonlinear-Optical Material K₃Sr₃Li₂Al₄B₆O₂₀F: Addressing the Structural Instability Problem in KBe₂BO₃F₂. Inorganic Chemistry, 2017, 56, 8755-8758.	4.2	90
393	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.	2.9	21
394	Different natures of surface electronic transitions of carbon nanoparticles. Physical Chemistry Chemical Physics, 2017, 19, 22670-22677.	2.9	40
395	Linear-to-Î»-Shape Pâ€“Oâ€“P Bond Transmutation in Polyphosphates with Infinite (PO₃)_{âˆž} Chain. Inorganic Chemistry, 2017, 56, 10139-10142.	4.2	13
396	Chemical Cosubstitution-Oriented Design of Rare-Earth Borates as Potential Ultraviolet Nonlinear Optical Materials. Journal of the American Chemical Society, 2017, 139, 18397-18405.	14.6	202

#	Article	IF	Citations
397	Crystal Growth and Linear and Nonlinear Optical Properties of KIO₃Â·Te(OH)₆. Crystal Growth and Design, 2017, 17, 4405-4412.	3.2	14
398	What Are The BES Fundamental Principles for Project Planning and Development Throughout The Asset Lifecycle of Oil and Gas Operations?. , 2016, , .		0
399	Competency Management Guidance for Geophysical Industry Personnel with HSE Responsibilities. , 2016, , .		0
400	Cardiorespiratory and Biomechanical Responses to Simulated Recreational Horseback Riding in Healthy Children. Research Quarterly for Exercise and Sport, 2015, 86, 63-70.	1.5	10
401	The ZONE Diet and Metabolic Control in Type 2 Diabetes. Journal of the American College of Nutrition, 2015, 34, 39-41.	3.1	3
402	Global Priorities and Possibilities. , 2015, , 171-183.		0
403	Simultaneous optimization of multiple responses in turning operations. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2014, 228, 707-714.	2.5	5
404	Effects of operation parameters on nutrient removal from wastewater and high-protein biomass production in a duckweed-based (Lemma aequinoctialis) pilot-scale system. Water Science and Technology, 2014, 70, 1195-1204.	2.5	20
405	Peers, Predators, and Porn: Predicting Parental Underestimation of Children's Risky Online Experiences. Journal of Computer-Mediated Communication, 2014, 19, 215-231.	3.6	47
406	Modulation of binding properties of amphiphilic DNA containing multiple dodecyl phosphotriester linkages to lipid bilayer membrane. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3578-3581.	2.3	8
407	Exome sequencing identifies MRPL3 mutation in mitochondrial cardiomyopathy. Human Mutation, 2011, 32, 1225-1231.	2.8	128
408	Investigation of the Role of Glypican 3 in Liver Regeneration and Hepatocyte Proliferation. FASEB Journal, 2010, 24, 39.1.	0.5	0
409	A Novel Upregulation of Fanconi Anemia/BRCA DNA Repair Pathway Is Observed Upon Co-Culture of Bone Marrow Stroma with Multiple Myeloma Cell Lines: A Potential New Participant(s) in Environment Mediated Drug Resistance.. Blood, 2009, 114, 2798-2798.	1.4	0
410	Infections with Multi-Drug Resistant Gram-Negative Pathogens in Patients Receiving Treatment for Hematological Malignancies: Risk Factors and Outcomes.. Blood, 2008, 112, 1472-1472.	1.4	1
411	Experience with the Roche LightCycler VRE detection kit during a large outbreak of vanB2/B3 vancomycin-resistant Enterococcus faecium. Journal of Antimicrobial Chemotherapy, 2007, 60, 182-183.	3.2	10
412	Cost-effectiveness analysis of anastrozole versus tamoxifen as primary adjuvant therapy for postmenopausal women with early breast cancer: a US healthcare system perspective. The 5-year completed treatment analysis of the ATAC (â€˜Arimidexâ€™, Tamoxifen Alone or in Combination) trial. Breast Cancer Research and Treatment, 2007, 106, 229-238.	2.5	61
413	White Matter Injury Following Prolonged Free Radical Formation in the 0.65 Gestation Fetal Sheep Brain. Pediatric Research, 2005, 58, 100-105.	2.4	44
414	Vehicular Flow Past Incidents Involving Lane Blockage on Urban Roads: A Preliminary Exploration. Transportation Research Record, 1998, 1634, 86-92.	1.8	3

#	Article	IF	Citations
415	Angular correlation between autoionization electrons and scattered ions in 2000-eVHe+-He collisions. Physical Review A, 1979, 20, 804-813.	2.5	21
416	A analogia entre ondas eletromagnÃ©ticas e elastodinÃ¢mica linear. Revista Brasileira De Ensino De Fisica, 0, 44, .	0.2	0
417	Promising Deepâ€Ultraviolet Birefringent Materials via Rational Design and Assembly of Planar Ï€â€Conjugated [B(OH) ₃] and [B ₃ O ₃ (OH) ₃] Functional Species. Angewandte Chemie, 0, , .	2.1	2
418	Chainâ€like [Sx] (x= 2â€6) Units Realizing Giant Birefringence with Transparency in the Nearâ€Infrared for Optoelectronic Materials. Angewandte Chemie, 0, , .	2.1	0
419	(C(NH₂)₃)₂(I₂O₅F)(IO₃)(H₂O) and C(NH₂)₃IO₂F₂: Two Guanidine Fluorooxoiodates with Wide Band Gap and Large Birefringence. Inorganic Chemistry, 0, , .	4.2	0
420	A Universal Design Strategy Achieving Large Birefringence and Short Phaseâ€Matching Capability of Optical Materials via Dissimilating Nonâ€Ïâ€Conjugated Units. Advanced Optical Materials, 0, , .	7.9	0
421	Structureâ€Predictionâ€Oriented Synthesis of Thiophosphates as Promising Infrared Nonlinear Optical Materials. Angewandte Chemie, 0, , .	2.1	0
422	Structureâ€Predictionâ€Oriented Synthesis of Thiophosphates as Promising Infrared Nonlinear Optical Materials. Angewandte Chemie - International Edition, 0, , .	14.8	0
423	Î²-CsHg₂I₅, a compound with rare [Hg₂I₅] dimers and large optical anisotropy. Dalton Transactions, 0, , .	3.4	0
424	[B₃O₃F₄(OH)]^{2â€“}: A Versatile Hydroxyfluorooxoborate Heteroanion Producing Compounds with Highly Tunable Optical Anisotropy. Chemistry of Materials, 0, , .	7.1	0
425	NH₄Y(SO₄)₂·H₂O and NH₄YSO₄F₂: Two New Ammoniumâ€Rare Earth Metal Sulfates with Enhanced Optical Anisotropy and Deep Ultraviolet Transmission. Crystal Research and Technology, 0, , .	1.3	0
426	(C₃N₂H₅)B₃O₃F₂(OH)₂: Realizing Large Birefringence via a Synergistic Effect between Anion F/OHâ€Ratio Optimization and Cation Activation. Small Structures, 0, , .	13.2	0
427	The Directional Design of the Quasiâ€Phaseâ€Matching Shortâ€Wave Ultraviolet Nonlinear Optical Crystal. Laser and Photonics Reviews, 0, , .	10.1	0
428	Chemical Modulation of AIREIIICIVQVI4 Family Compounds for Band Gap and Optical Anisotropy Enhancement. Inorganic Chemistry Frontiers, 0, , .	6.0	0
429	Sulfate Derivatives with Heteroleptic Tetrahedra: New Deepâ€ultraviolet Birefringent Materials in which Weak Interactions Modulate Functional Module Ordering. Angewandte Chemie, 0, , .	2.1	0
430	Sulfate Derivatives with Heteroleptic Tetrahedra: New Deepâ€ultraviolet Birefringent Materials in which Weak Interactions Modulate Functional Module Ordering. Angewandte Chemie - International Edition, 0, , .	14.8	0
431	â€œOne stone two birdsâ€•design of borates featuring edge-sharing [BO₄] and different Bâ€“O configurations in one structure utilizing covalent tetrahedra. Journal of Materials Chemistry C, 0, , .	5.6	0
432	Moisture-Stable Chalcogenide Solid Electrolytes in Li₂BMQ₄ (B = Ca, Sr, and) Tj ETQq0 0 0 rgBT /Overlock 10	18.4	0

#	Article	IF	Citations
433	Exploiting Deepâ€Ultraviolet Nonlinear OpticalÂMaterialÂRb2ScB3O6F2 Originated from Congruously Oriented [B3O6] Groups. Angewandte Chemie, 0, , .	2.1	0
434	Exploiting Deepâ€Ultraviolet Nonlinear OpticalÂMaterialÂRb2ScB3O6F2 Originated from Congruously Oriented [B3O6] Groups. Angewandte Chemie - International Edition, 0, , .	14.8	0
435	Research progress in optical materials with cationic organic planar Ï€-conjugated groups containing Cî€N bonds. Inorganic Chemistry Frontiers, 0, , .	6.0	0
436	Shooting short-wavelength nonlinear optical materials with targeted balance performances in hydroxyborates through first-principles high-throughput screening. Inorganic Chemistry Frontiers, 0, , .	6.0	0