

Zhihua Yang

List of Publications by Year in descending order

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614
papers

22,751
citations

9878

73
h-index

17068

123
g-index

662
all docs

662
docs citations

662
times ranked

32464
citing authors

#	ARTICLE	IF	CITATIONS
1	PbTeB ₄ O ₉ : a lead tellurium borate with unprecedented fundamental building block [B ₄ O ₁₀] and large birefringence. Chemical Communications, 2024, 60, 340-343.	4.2	1
2	Characterization of <i>D4Z4</i> alleles and assessment of de novo cases in Facioscapulohumeral dystrophy (FSHD) in a cohort of Italian families. Clinical Genetics, 2024, 105, 335-339.	2.2	0
3	New antimony fluorooxoborates with strong birefringence and unprecedented structural characterisation. Chemical Communications, 2024, 60, 2653-2656.	4.2	2
4	Dual-Anion Strategy Induces Dual Enhancement Toward Ultrashort Phase-Matching Wavelength in Deep-UV Transparent d ⁰ Transition Metal Oxyfluorides. , 2024, 6, 1094-1102.		0
5	AYSO ₄ F ₂ (A = K, Rb): [YO ₄ F ₄] Polyhedra Enhancement of Birefringence in Non- π -Conjugated Sulfate Systems. Inorganic Chemistry, 2024, 63, 4783-4789.	4.2	1
6	Wide band gap selenide infrared nonlinear optical materials A ^{II} Mg ₆ Ga ₆ Se ₁₆ with strong SHG responses and high laser-induced damage thresholds. Chemical Science, 2024, 15, 6577-6582.	7.8	2
7	Two Hydroxyfluorooxoborates Achieving Deep-Ultraviolet Cutoff Edges and Moderate Birefringence by Assembling Multi-Anionic Groups. Chemistry - A European Journal, 2024, 30, .	3.9	1
8	Aerobic Microbiological Spectrum and Antibiotic Resistance in Children Operated for Anorectal Abscesses. Journal of Clinical Medicine, 2024, 13, 2414.	2.5	2
9	NaB(OH) ₃ CH ₃ : a deep-ultraviolet optical crystal with unprecedented methyl-modified [B(OH) ₃ CH ₃] units. Journal of Materials Chemistry C, 2024, 12, 7916-7920.	5.6	1
10	CsAlB ₃ O ₆ Cl: the rational construction of a KBBF-type structure with aligned ² _z [AlB ₃ O ₆ Cl] layers <i>via</i> introducing unprecedented [AlO ₃ Cl] tetrahedra. Chemical Communications, 2024, 60, 6516-6519.	4.2	0
11	Procesos de abreviaci3n en terminolog3a 1. , 2024, , 143-166.		0
12	A Machine-Learning-Assisted Crystalline Structure Prediction Framework To Accelerate Materials Discovery. ACS Applied Materials & Interfaces, 2024, 16, 36658-36666.	8.3	0
13	A Deep Learning Soft Sensor Based on Domain-Invariant Features Extraction and Online Local Adaptation. , 2024, 31, 1311-1317.		0
14	ASXL1 inactivation and reduced H3K27me3 across central nervous system tumors. Acta Neuropathologica, 2024, 148, .	7.9	0
15	Consensus for Statements Regarding a Definition for Spinal Osteoarthritis for Use in Research and Clinical Practice: A Delphi Study. Arthritis Care and Research, 2023, 75, 1095-1103.	3.8	5
16	Rb ₃ B ₅ O ₈ F ₂ and K _{0.6} Rb _{2.4} B ₅ O ₈ F ₂ : two new deep-ultraviolet transparent nonlinear optical fluorooxoborates designed by cation regulation. Inorganic Chemistry Frontiers, 2023, 10, 787-792.	6.0	10
17	Rb ₂ CdSi ₄ S ₁₀ : novel [Si ₄ S ₁₀] T2-supertetrahedra-contained infrared nonlinear optical material with large band gap. Materials Horizons, 2023, 10, 619-624.	12.8	43
18	Cs[B ₃ O ₃ F ₂ (OH) ₂]: discovery of a hydroxyfluorooxoborate guided by selective organic-inorganic transformation. Chemical Communications, 2023, 59, 2114-2117.	4.2	7

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19	Unbiased Screening of Novel Infrared Nonlinear Optical Materials with High Thermal Conductivity: Long-Neglected Nitrides and Popular Chalcogenides. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	14.8	21
20	Unbiased Screening of Novel Infrared Nonlinear Optical Materials with High Thermal Conductivity: Long-Neglected Nitrides and Popular Chalcogenides. <i>Angewandte Chemie</i> , 2023, 135, .	2.1	2
21	An interlinked prediction-experiment paradigm discovering deep-ultraviolet fluorooxoborates with desired optical nonlinearity and birefringence. <i>Matter</i> , 2023, 6, 1188-1202.	10.2	34
22	Target-Driven Design of Deep-UV Nonlinear Optical Materials via Interpretable Machine Learning. <i>Advanced Materials</i> , 2023, 35, .	24.3	34
23	Enhancing birefringence of non- π -conjugated sulfate systems through rare-earth metal-centered polyhedra. <i>CrystEngComm</i> , 2023, 25, 2939-2945.	2.4	4
24	Achieving the full-wavelength phase-matching for efficient nonlinear optical frequency conversion in $C(NH_2)_3BF_4$. <i>Nature Photonics</i> , 2023, 17, 694-701.	23.1	175
25	Recent progress in borate-based short-wavelength nonlinear optical crystals with boron-oxygen skeleton modification. <i>Materials Chemistry Frontiers</i> , 2023, 7, 4683-4692.	5.9	6
26	From Monofluorophosphates A_2PO_3F to Difluorophosphates APO_2F_2 (A = alkali metal): Design of a Potential Deep-Ultraviolet Nonlinear Optical Materials System with a Shortened Phase-Matching Wavelength. <i>Chemistry of Materials</i> , 2023, 35, 5281-5290.	7.1	11
27	Ultraviolet Crystal with Strong Optical Nonlinearity by Creating Halogen-Centered Secondary Building Blocks. <i>Chemistry of Materials</i> , 2023, 35, 5680-5688.	7.1	7
28	Fluorooxoborate Promoting the Exploration of Short-Wavelength Linear and Nonlinear Optical Crystals with Expected Properties and Versatile Structures. <i>Chemistry of Materials</i> , 2023, 35, 5671-5679.	7.1	11
29	Vision Sensing based People Following Robot: A Superpixel Augmented Density based Clustering Approach. , 2023, , .		0
30	$K_5[B_3O_3F_4(OH)]_2(NO_3)$: the first hydroxyfluorooxoborate-nitrate with a short ultraviolet cutoff edge and large birefringence. <i>Dalton Transactions</i> , 2023, 52, 13492-13496.	3.4	7
31	Hydroxyfluorooxoborate $(NH_4)[C(NH_2)_3][B_3O_3F_4(OH)]$ for exploring the effects of cation substitution on structure and optical properties. <i>Chemical Communications</i> , 2023, 59, 12435-12438.	4.2	9
32	Effect of land use and soil depth on the distribution of phyto-available nutrients and SOC pools of Vertisols in Central India. <i>Environmental Monitoring and Assessment</i> , 2023, 195, .	2.7	1
33	$[RbSr_3X][B_3O_3]_2$ (X = Cl, Br): two salt-inclusion thioborates with large birefringence and structure transformation from centrosymmetric to asymmetric. <i>Chemical Communications</i> , 2023, 60, 118-121.	4.2	3
34	Complementary pre-screening strategies to uncover hidden prodromal and mild Alzheimer's disease: Results from the MOPEAD project. <i>Alzheimer's and Dementia</i> , 2022, 18, 1119-1127.	0.7	4
35	Achieving Short-Wavelength Phase-Matching Second Harmonic Generation in Boron-Rich Borosulfate with Planar $[BO_3]$ Units. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	56
36	Treatment of cylindrospermopsin by hydroxyl and sulfate radicals: Does degradation equal detoxification?. <i>Journal of Hazardous Materials</i> , 2022, 424, 127447.	12.6	7

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37	From $\text{Na}_2\text{B}_6\text{O}_{10}$ to $\text{Na}_3\text{AlB}_8\text{O}_{15}$ and $\text{Na}_3\text{Al}_2\text{B}_7\text{O}_{15}$: Structural Tuning of Anionic Group Architectures by Substitution of $[\text{BO}_4]$ by $[\text{AlO}_4]$ Covalent Tetrahedra. <i>Chemistry - A European Journal</i> , 2022, 28, .		
38	Enhancement of band gap and birefringence induced <i>in</i> -conjugated chromophore with π -effect. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1224-1232.	3.9	8
39	Seroprevalence and immunological memory against SARS-CoV-2 in lung cancer patients: the SOLID study. <i>Translational Lung Cancer Research</i> , 2022, 11, 53-63.	2.7	5
40	Na^+/Ag^+ substitution induced birefringence enhancement from AgGaS_2 to NaGaS_2 . <i>Journal of Alloys and Compounds</i> , 2022, 896, 163093.	5.7	11
41	$\text{AZn}_2(\text{BO}_3)_2\text{Si}_2\text{O}_5$ (A = Rb, Cs): first examples of $\text{KBe}_2\text{BO}_3\text{F}_2$ structure type in the borosilicate family exhibiting a deep-ultraviolet cutoff edge. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1727-1734.	5.6	11
42	Variable dimensionality of the anion framework in four new borophosphates and fluoroborophosphates with short cutoff edges. <i>Dalton Transactions</i> , 2022, 51, 2840-2845.	3.4	7
43	Impact of particle creation in Lyra's geometry. <i>Indian Journal of Physics</i> , 2022, 96, 3689-3701.	1.7	2
44	$\text{Na}_4\text{B}_8\text{O}_9\text{F}_{10}$: A Deep-Ultraviolet Transparent Nonlinear Optical Fluorooxoborate with Unexpected Short Phase-Matching Wavelength Induced by Optimized Chromatic Dispersion. <i>Angewandte Chemie</i> , 2022, 134, .	2.1	9
45	$\text{Na}_4\text{B}_8\text{O}_9\text{F}_{10}$: A Deep-Ultraviolet Transparent Nonlinear Optical Fluorooxoborate with Unexpected Short Phase-Matching Wavelength Induced by Optimized Chromatic Dispersion. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	88
46	$\text{Ba}_2\text{B}_5\text{O}_8(\text{OH})_2(\text{NO}_3)\cdot 3\text{H}_2\text{O}$: the design of an alkaline earth metal borate-nitrate optimized from a hydroxylic borate. <i>Dalton Transactions</i> , 2022, 51, 1979-1984.	3.4	3
47	$\text{Sr}_3\text{B}_{14}\text{O}_{24}$: a new borate with a $[\text{B}_{14}\text{O}_{30}]$ fundamental building block and an unwonted 2D double layer. <i>Dalton Transactions</i> , 2022, 51, 618-623.	3.4	5
48	$\text{Pb}_2\text{Al}_2\text{B}_3\text{O}_8\text{F}_3$: structure and properties of a new fluoroaluminoborate with non-traditional chain-like B_3O_8 groups. <i>Dalton Transactions</i> , 2022, 51, 3964-3969.	3.4	2
49	Hierarchical Modulation of Optical Anisotropy Driven by Metal Cation Polyhedra in Fluorooxoborates $\text{M}_{II}\text{B}_4\text{O}_6\text{F}_2$ ($\text{M}_{II}=\text{Be}$). <i>Tj ETQq0300 rgBT /Overlock 1</i>		
50	Design of a diamond-like infrared nonlinear optical material LiBS_2 with ultra-wide band gap. <i>Journal of Alloys and Compounds</i> , 2022, 902, 163839.	5.7	3
51	Potential optical functional crystals with large birefringence: Recent advances and future prospects. <i>Coordination Chemistry Reviews</i> , 2022, 459, 214380.	19.6	140
52	$\text{Ba}_{10}\text{LuB}_{18}\text{O}_{32}\text{F}_{13}$: the first example of borate in the $\text{Lu}^{\text{II}}\text{B}^{\text{IV}}\text{F}$ system with the unprecedented FBB $[\text{B}_9\text{O}_{22}]$. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2298-2304.	6.0	9
53	Stratification of hospitalized COVID-19 patients into clinical severity progression groups by immuno-phenotyping and machine learning. <i>Nature Communications</i> , 2022, 13, 915.	13.2	41

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55	Strong Nonlinearity Induced by Coaxial Alignment of Polar Chain and Dense [BO ₃] Units in CaZn ₂ (BO ₃) ₂ . <i>Angewandte Chemie</i> , 2022, 134, .	2.1	10
56	Strong Nonlinearity Induced by Coaxial Alignment of Polar Chain and Dense [BO ₃] Units in CaZn ₂ (BO ₃) ₂ . <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	134
57	LiB ₅ O ₅ F ₂ (OH) ₄ : A new deep-ultraviolet birefringent crystal with [B ₅ O ₅ F ₂ (OH) ₄] anionic group. <i>Science China Materials</i> , 2022, 65, 2585-2590.	6.5	15
58	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, .	16.5	67
59	Resolving and predicting neighborhood vulnerability to urban heat and air pollution: insights from a pilot project of community science. <i>GeoHealth</i> , 2022, 6, e2021GH000575.	4.1	2
60	[C ₃ N ₆ H ₇] ₂ [B ₃ O ₃ F ₄ (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.	5.6	39
61	(N ₂ H ₆)[HPO ₃ F] ₂ : maximizing the optical anisotropy of deep-ultraviolet fluorophosphates. <i>Chemical Communications</i> , 2022, 58, 5594-5597.	4.2	20
62	Noncentrosymmetric Rare-Earth Borate Fluoride La ₂ B ₅ O ₉ F ₃ : A New Ultraviolet Nonlinear Optical Crystal with Enhanced Linear and Nonlinear Performance. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18704-18712.	8.3	31
63	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, e2106120.	12.4	58
64	Global post-translational modification profiling of HIV-1-infected cells reveals mechanisms of host cellular pathway remodeling. <i>Cell Reports</i> , 2022, 39, 110690.	6.3	16
65	Association Between Pharmacological Treatment of Attention-Deficit/Hyperactivity Disorder and Long-term Unemployment Among Working-Age Individuals in Sweden. <i>JAMA Network Open</i> , 2022, 5, e226815.	6.0	7
66	Artificial intelligence in COVID-19 evidence syntheses was underutilized, but impactful: a methodological study. <i>Journal of Clinical Epidemiology</i> , 2022, 148, 124-134.	5.0	11
67	Double-Modification Oriented Design of a Deep-UV Birefringent Crystal Functionalized by [B ₁₂ O ₁₆ F ₄ (OH) ₄] Clusters. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	88
68	Promising Deep-Ultraviolet Birefringent Materials via Rational Design and Assembly of Planar F-Conjugated [B(OH) ₃] and [B ₃ O ₃ (OH) ₃] Functional Species. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	45
69	CsAB ₈ O ₁₂ F ₂ ·A·CsI (A = K ⁺ , Tl ⁺) structures via a salt-inclusion strategy. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8584-8588.	5.6	17
70	Potential intestinal infection and faecal-oral transmission of human coronaviruses. <i>Reviews in Medical Virology</i> , 2022, 32, e2363.	8.4	3
71	NaBaB ₃ : A Promising Infrared Functional Material with Large Birefringence Induced by F-Conjugated [B ₃] Units. <i>Chemistry of Materials</i> , 2022, 34, 5215-5223.	7.1	16
72	Fat Mass Gained Prior to Dietary Intervention Predicts Efficacy of Personalized Dietary Guidance in Mice. <i>Current Developments in Nutrition</i> , 2022, 6, 1125.	0.3	0

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73	Performance of optical materials with the derivative of planar π -conjugated groups: Recent advances and future prospects. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 4554-4568.	6.0	19
74	A Review of Machine Learning Methods Applied for Handling Zero-Day Attacks in the Cloud Environment. , 2022, , 952-975.		0
75	$\text{LiMg}_9\text{O}_{15}$ (M = Sr, Pb): flexible $[\text{BO}_7]$ units leading to the low temperature phase of $\text{LiMg}_9\text{O}_{15}$ (M = Sr, Pb). <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 5371-5376.	6.0	5
76	LiSrSbS_3 : parallel configurations of lone pair electrons inducing a large birefringence. <i>Dalton Transactions</i> , 2022, 51, 14545-14550.	3.4	3
77	$\text{A}_2\text{B}_6\text{O}_9\text{F}_2$ (A = NH_4 , K): new members of $\text{A}_2\text{B}_6\text{O}_9\text{F}_2$ family with deep-UV cutoff edges and moderate birefringence. <i>Chemical Communications</i> , 2022, 58, 12369-12372.	4.2	8
78	Cardiovascular Complications of Obstructive Sleep Apnea in the Intensive Care Unit and Beyond. <i>Medicina (Lithuania)</i> , 2022, 58, 1390.	2.0	1
79	Large optical anisotropy-oriented construction of a carbonate-nitrate chloride compound as a potential ultraviolet birefringent material. <i>Chemical Science</i> , 2022, 13, 13482-13488.	7.8	14
80	S1483 Rates of Gastrointestinal Hospitalizations in Adults With Chronic Kidney Disease. <i>American Journal of Gastroenterology</i> , 2022, 117, e1062-e1063.	0.4	0
81	Targeted disruption of the histone lysine 79 methyltransferase Dot1L in nephron progenitors causes congenital renal dysplasia. <i>Epigenetics</i> , 2021, 16, 1235-1250.	2.9	10
82	Li_2SnF_2 : A UV Birefringent Material with Large Birefringence and Easy Crystal Growth. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3540-3544.	14.8	130
83	Series of Crystals with Giant Optical Anisotropy: A Targeted Strategic Research. <i>Angewandte Chemie</i> , 2021, 133, 1352-1358.	2.1	9
84	Series of Crystals with Giant Optical Anisotropy: A Targeted Strategic Research. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1332-1338.	14.8	92
85	Angiotensin enzyme inhibitors and angiotensin receptor blockers as protective factors in COVID-19 mortality: a retrospective cohort study. <i>Internal and Emergency Medicine</i> , 2021, 16, 883-893.	2.2	17
86	$\text{Sn}_2\text{B}_5\text{O}_9\text{Br}$ as an Outstanding Bifunctional Material with Strong Second Harmonic Generation Effect and Large Birefringence. <i>Advanced Optical Materials</i> , 2021, 9, 2001734.	7.9	63
87	Baseline sensitivity of <i>Sclerotinia sclerotiorum</i> to metconazole and the analysis of cross-resistance with carbendazim, dimethachlone, boscalid, fluazinam, and fludioxonil. <i>Phytoparasitica</i> , 2021, 49, 123-130.	1.2	6
88	AB11O16(OH)_2 (A = K and Cs): interpenetrating 2D layers with large birefringence. <i>CrystEngComm</i> , 2021, 23, 35-39.	2.4	4
89	$\text{Cs}_2\text{AlB}_5\text{O}_{10}$: a short-wavelength nonlinear optical crystal with moderate second harmonic generation response. <i>Dalton Transactions</i> , 2021, 50, 822-825.	3.4	8
90	$\text{Ba}_2\text{B}_7\text{O}_{12}\text{F}$ with novel FBB $[\text{BO}_{16}\text{F}]$ and deep-ultraviolet cut-off edge. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 339-343.	6.0	23

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91	Earlier life leisure-time physical activity in relation to age-related frailty syndrome. <i>Age and Ageing</i> , 2021, 50, 161-168.	1.6	9
92	Larval Parasitism of the Silver-Spotted Skipper, <i>Epargyreus clarus</i> (Cramer) (Lepidoptera: Hesperidae), in the Washington, DC Area. <i>Proceedings of the Entomological Society of Washington</i> , 2021, 123, .	0.2	1
93	$\text{Sn}_{14}\text{O}_{11}\text{Br}_6$: 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.	5.6	20
94	Synergism of multiple functional chromophores significantly enhancing the birefringence in layered non-centrosymmetric chalcogenides. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1588-1598.	6.0	14
95	Allogeneic hematopoietic stem cell transplantation for advanced mycosis fungoides and SÅ©zary syndrome. An updated experience of the Lymphoma Working Party of the European Society for Blood and Marrow Transplantation. <i>Bone Marrow Transplantation</i> , 2021, 56, 1391-1401.	2.4	25
96	Barium fluoriodate crystals with a large band gap and birefringence. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3127-3133.	6.0	17
97	The synthesis, characterization, and theoretical analysis of $(\text{NH}_4)_3\text{PbCl}_5$. <i>New Journal of Chemistry</i> , 2021, 45, 2038-2043.	2.7	1
98	Design and synthesis of Ba_3SiSe_5 with suitable birefringence modulated <i>via</i> M^{IV} atoms in the $\text{Ba}^{\text{II}}\text{M}^{\text{IV}}\text{Q}$ ($\text{M}^{\text{IV}} = \text{Si, Ge; Q} = \text{S, Se}$) system. <i>Dalton Transactions</i> , 2021, 50, 11999-12005.	3.4	2
99	An antimony(<i>iii</i>) 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.	6.0	17
100	$\text{BaZn}_3(\text{BO}_3)_2\text{F}_2$: a new beryllium-free zincoborate with a KBBF-type structure. <i>Dalton Transactions</i> , 2021, 50, 13216-13219.	3.4	8
101	$\text{SrTi}(\text{IO}_3)_6 \cdot 2\text{H}_2\text{O}$ 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.	3.7	5
102	Computationally assisted multistage design and prediction driving the discovery of deep-ultraviolet nonlinear optical materials. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3507-3523.	5.9	32
103	Sign-changing solutions for fourth-order elliptic equations of Kirchhoff type with critical exponent. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2021, , 1-23.	0.5	1
104	Comparison of Automated Procalcitonin Immunoassays under Routine Conditions. <i>Clinical Laboratory</i> , 2021, 67, .	0.5	0
105	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); <i>Tj ETQ110784314</i>	3.4	4
106	From BaCl_2 to $\text{Ba}(\text{NO}_3)\text{Cl}$: significantly enhanced birefringence derived from π -conjugated $[\text{NO}_3]$. <i>New Journal of Chemistry</i> , 2021, 45, 17544-17550.	2.7	6
107	$\text{BaTi}(\text{BO}_3)_2$: an excellent birefringent material with highly coplanar isolated $[\text{BO}_3]$ groups. <i>New Journal of Chemistry</i> , 2021, 45, 7065-7068.	2.7	8
108	$\text{Pb}_{2.28}\text{Ba}_{1.72}\text{B}_{10}\text{O}_{19}$ featuring a three-dimensional B^{O} anionic network with edge-sharing $[\text{BO}_4]$ obtained under ambient pressure. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3716-3722.	6.0	4

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109	Ciprofloxacin self-dissolvable Soluplus based polymeric films: a novel proposal to improve the management of eye infections. <i>Drug Delivery and Translational Research</i> , 2021, 11, 608-625.	6.0	5
110	Na ₆ MQ ₄ (M=Zn, Cd; Q=S, Se): Promising New Ternary Infrared Nonlinear Optical Materials. <i>Chemistry - A European Journal</i> , 2021, 27, 6538-6544.	3.9	19
111	Pb ₃ Ba ₇ B ₇ O ₂₀ F: A new nonlinear optical material exhibiting large second harmonic generation response induced by its unprecedented Pb-B-O framework. <i>Scripta Materialia</i> , 2021, 194, 113700.	5.3	10
112	Impact of Intracranial Pressure Monitor-Guided Therapy on Neurologic Outcome After Spontaneous Nontraumatic Intracranial Hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105540.	1.6	12
113	Prediction of Novel van der Waals Boron Oxides with Superior Deep-Ultraviolet Nonlinear Optical Performance. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10791-10797.	14.8	29
114	M ₃ B ₆ O ₁₀ NO ₃ (M=...=...K, Rb): Two New Alkali Metal Borate-Nitrates with Noncentrosymmetric Structures. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1297-1304.	2.2	13
115	Pre-existing atrial fibrillation is associated with increased mortality in COVID-19 Patients. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, 62, 231-238.	1.4	35
116	Expanding the chemistry of borates with functional [BO ₂] ⁻ anions. <i>Nature Communications</i> , 2021, 12, 2597.	13.2	118
117	Discovery of First Magnesium Fluorooxoborate with Stable Fluorine Terminated Framework for Deep-UV Nonlinear Optical Application. <i>Angewandte Chemie</i> , 2021, 133, 14771-14777.	2.1	16
118	Discovery of First Magnesium Fluorooxoborate with Stable Fluorine Terminated Framework for Deep-UV Nonlinear Optical Application. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14650-14656.	14.8	122
119	How scholars prioritize the competing values of conservation and sustainability. <i>Biological Conservation</i> , 2021, 257, 109126.	4.2	14
120	Precision Breast-Conserving Surgery With Microwave Ablation Guidance: A Pilot Single-Center, Prospective Cohort Study. <i>Frontiers in Oncology</i> , 2021, 11, 680091.	2.9	8
121	Association of matrix metalloproteinase-2 gene polymorphisms with susceptibility to type 2 diabetes: A case control study. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107908.	2.4	7
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272	Oxyhalides: prospecting ore for optical functional materials with large laser damage thresholds. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2435-2442.	5.6	58
273	Cation-Tuned Synthesis of Fluorooxoborates: Towards Optimal Deep-Ultraviolet Nonlinear Optical Materials. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2150-2154.	14.8	556
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#	ARTICLE	IF	CITATIONS
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