

# 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	Mechanisms of Coronavirus Cell Entry Mediated by the Viral Spike Protein. <i>Viruses</i> , 2012, 4, 1011-1033.	3.4	1,136
2	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
3	Designing a Deep-Ultraviolet Nonlinear Optical Material with a Large Second Harmonic Generation Response. <i>Journal of the American Chemical Society</i> , 2013, 135, 4215-4218.	14.6	552
4	Polar Fluorooxoborate, $\text{NaB}_4\text{O}_6\text{F}$ : A Promising Material for Ionic Conduction and Nonlinear Optics. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6577-6581.	14.8	387
5	Designing an Excellent Deep-Ultraviolet Birefringent Material for Light Polarization. <i>Journal of the American Chemical Society</i> , 2018, 140, 16311-16319.	14.6	381
6	Ras2 signals via the Cdc42/Ste20/mitogen-activated protein kinase module to induce filamentous growth in <i>Saccharomyces cerevisiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 5352-5356.	7.6	347
7	$\text{Ba}_3\text{Mg}_3(\text{BO}_3)_3\text{F}_3$ polymorphs with reversible phase transition and high performances as ultraviolet nonlinear optical materials. <i>Nature Communications</i> , 2018, 9, 3089.	13.2	341
8	Targeting the Next Generation of Deep-Ultraviolet Nonlinear Optical Materials: Expanding from Borates to Borate Fluorides to Fluorooxoborates. <i>Accounts of Chemical Research</i> , 2019, 52, 791-801.	16.6	335
9	A New Deep-Ultraviolet Transparent Orthophosphate $\text{LiCs}_2\text{PO}_4$ with Large Second Harmonic Generation Response. <i>Journal of the American Chemical Society</i> , 2016, 138, 9101-9104.	14.6	320
10	Lipopolysaccharide Regulation of Intestinal Tight Junction Permeability Is Mediated by TLR4 Signal Transduction Pathway Activation of FAK and MyD88. <i>Journal of Immunology</i> , 2015, 195, 4999-5010.	0.8	313
11	Clinical characteristics and outcomes of hospitalised patients with COVID-19 treated in Hubei (epicentre) and outside Hubei (non-epicentre): a nationwide analysis of China. <i>European Respiratory Journal</i> , 2020, 55, 2000562.	7.5	269
12	$\text{Pb}_2\text{Ba}_3(\text{BO}_3)_3\text{Cl}$ : A Material with Large SHG Enhancement Activated by Pb-Chelated $\text{BO}_3$ Groups. <i>Journal of the American Chemical Society</i> , 2015, 137, 9417-9422.	14.6	261
13	$\text{Cs}_2\text{B}_4\text{SiO}_9$ : A Deep-Ultraviolet Nonlinear Optical Crystal. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3406-3410.	14.8	254
14	Selective targeting of anti-cancer drug and simultaneous image enhancement in solid tumors by arterially administered lipid contrast medium. <i>Cancer</i> , 1984, 54, 2367-2374.	4.1	227
15	CD44: More than a mere stem cell marker. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 81, 166-173.	2.9	196
16	MYB75 Phosphorylation by MPK4 Is Required for Light-Induced Anthocyanin Accumulation in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2016, 28, 2866-2883.	6.7	179
17	Inosine is an alternative carbon source for CD8 <sup>+</sup> -T-cell function under glucose restriction. <i>Nature Metabolism</i> , 2020, 2, 635-647.	11.4	179
18	A novel deep UV nonlinear optical crystal $\text{Ba}_3\text{B}_6\text{O}_{11}\text{F}_2$ , with a new fundamental building block, $\text{B}_6\text{O}_{14}$ group. <i>Journal of Materials Chemistry</i> , 2012, 22, 9665.	6.7	177

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19	Lens regeneration using endogenous stem cells with gain of visual function. <i>Nature</i> , 2016, 531, 323-328.	36.2	176
20	Achieving the full-wavelength phase-matching for efficient nonlinear optical frequency conversion in C(NH <sub>2</sub> ) <sub>3</sub> BF <sub>4</sub> . <i>Nature Photonics</i> , 2023, 17, 694-701.	23.1	175
21	Na <sub>2</sub> BaMQ <sub>4</sub> (M=Ge, Sn; Q=S, Se): Infrared Nonlinear Optical Materials with Excellent Performances and that Undergo Structural Transformations. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6713-6715.	14.8	174
22	Enhancing optical anisotropy of crystals by optimizing bonding electron distribution in anionic groups. <i>Chemical Communications</i> , 2017, 53, 2818-2821.	4.2	168
23	Na <sub>2</sub> Hg <sub>3</sub> M <sub>2</sub> S <sub>8</sub> (M = Si, Ge, and Sn): New Infrared Nonlinear Optical Materials with Strong Second Harmonic Generation Effects and High Laser-Damage Thresholds. <i>Chemistry of Materials</i> , 2016, 28, 2795-2801.	7.1	164
24	Duplexed aptamers: history, design, theory, and application to biosensing. <i>Chemical Society Reviews</i> , 2019, 48, 1390-1419.	40.3	161
25	Rural depopulation and recent landscape changes in a Mediterranean region: Consequences to the breeding avifauna. <i>Landscape Ecology</i> , 1997, 12, 51-61.	4.2	150
26	CaB <sub>5</sub> O <sub>7</sub> F <sub>3</sub> : A Beryllium-Free Alkaline-Earth Fluorooxoborate Exhibiting Excellent Nonlinear Optical Performances. <i>Inorganic Chemistry</i> , 2018, 57, 4820-4823.	4.2	146
27	Li <sub>4</sub> MgGe <sub>2</sub> S <sub>7</sub> : The First Alkali and Alkaline-Earth Diamond-Like Infrared Nonlinear Optical Material with Exceptional Large Band Gap. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24131-24136.	14.8	145
28	Diagnostic value of <i>H3F3A</i> mutations in giant cell tumour of bone compared to osteoclast-rich mimics. <i>Journal of Pathology: Clinical Research</i> , 2015, 1, 113-123.	2.9	141
29	Potential optical functional crystals with large birefringence: Recent advances and future prospects. <i>Coordination Chemistry Reviews</i> , 2022, 459, 214380.	19.6	140
30	Nucleotide sequence of the S-1 mitochondrial DNA from the S cytoplasm of maize. <i>EMBO Journal</i> , 1985, 4, 1125-1128.	8.2	138
31	Hydroponic root mats for wastewater treatment—a review. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15911-15928.	5.3	137
32	Actin stress fiber organization promotes cell stiffening and proliferation of pre-invasive breast cancer cells. <i>Nature Communications</i> , 2017, 8, 15237.	13.2	136
33	Does proximity to mature trees influence ectomycorrhizal fungus communities of Douglas-fir seedlings?. <i>New Phytologist</i> , 2005, 166, 993-1009.	7.8	134
34	Strong Nonlinearity Induced by Coaxial Alignment of Polar Chain and Dense [BO <sub>3</sub> ] Units in CaZn <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	134
35	Out-Patient Screening for Cushing's Syndrome: The Sensitivity of the Combination of Circadian Rhythm and Overnight Dexamethasone Suppression Salivary Cortisol Tests <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 878-882.	3.6	133
36	Cation-Tuned Synthesis of Fluorooxoborates: Towards Optimal Deep-Ultraviolet Nonlinear Optical Materials. <i>Angewandte Chemie</i> , 2018, 130, 2172-2176.	2.1	133

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37	$\text{InF}_2$ : A UV Birefringent Material with Large Birefringence and Easy Crystal Growth. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3540-3544.	14.8	130
38	Kinetische Untersuchungen von Carbokation-Carbanion-Kombinationen: Schlüssel zu einem allgemeinen Modell polarer organischer Reaktivität. <i>Angewandte Chemie</i> , 2002, 114, 97-102.	2.1	128
39	Open-path airborne tunable diode laser hygrometer. , 2002, , .		127
40	Production and transmission of honey bee queen ( <i>Apis mellifera</i> L.) mandibular gland pheromone. <i>Behavioral Ecology and Sociobiology</i> , 1991, 29, 321-332.	1.5	126
41	Discovery of First Magnesium Fluoroxyborate with Stable Fluorine Terminated Framework for Deep-UV Nonlinear Optical Application. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14650-14656.	14.8	122
42	$\text{Sn}_2\text{PO}_4$ : An Excellent Birefringent Material with Giant Optical Anisotropy in Non-Conjugated Phosphate. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24901-24904.	14.8	121
43	Chd7 is indispensable for mammalian brain development through activation of a neuronal differentiation programme. <i>Nature Communications</i> , 2017, 8, 14758.	13.2	120
44	Expanding the chemistry of borates with functional $[\text{BO}_2]^-$ anions. <i>Nature Communications</i> , 2021, 12, 2597.	13.2	118
45	SOX2 is overexpressed in stem-like cells of human lung adenocarcinoma and augments the tumorigenicity. <i>Laboratory Investigation</i> , 2011, 91, 1796-1804.	3.9	116
46	$\text{CsAlB}_3\text{O}_6\text{F}$ : a beryllium-free deep-ultraviolet nonlinear optical material with enhanced thermal stability. <i>Chemical Science</i> , 2020, 11, 694-698.	7.8	115
47	Risk factors resulting in conversion of laparoscopic cholecystectomy to open surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2001, 15, 965-968.	2.6	114
48	A high accurate localization algorithm with DV-Hop and differential evolution for wireless sensor network. <i>Applied Soft Computing Journal</i> , 2018, 68, 39-52.	7.4	113
49	Electrocorticographic Discharge Patterns in Glioneuronal Tumors and Focal Cortical Dysplasia. <i>Epilepsia</i> , 2006, 47, 1477-1486.	4.6	110
50	Hydroxyfluoroxyborate $\text{Na}[\text{B}_3\text{O}_3\text{F}_2(\text{OH})_2] \cdot \dots [\text{B}(\text{OH})_3]$ : Optimizing the Optical Anisotropy with Heteroanionic Units for Deep Ultraviolet Birefringent Crystals. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20469-20475.	14.8	109
51	$\text{SrB}_5\text{O}_7\text{F}_3$ Functionalized with $[\text{B}_5\text{O}_9\text{F}_3]^{6-}$ Chromophores: Accelerating the Rational Design of Deep-Ultraviolet Nonlinear Optical Materials. <i>Angewandte Chemie</i> , 2018, 130, 6203-6207.	2.1	108
52	Second Harmonic Generation Susceptibilities from Symmetry Adapted Wannier Functions. <i>Physical Review Letters</i> , 2020, 125, 187402.	8.0	107
53	Interventions to improve exercise behaviour in sedentary people living with and beyond cancer: a systematic review. <i>British Journal of Cancer</i> , 2014, 110, 831-841.	6.6	106
54	Biomass production and carbon sequestration in a fertile silver birch ( <i>Betula pendula</i> Roth) forest chronosequence. <i>Forest Ecology and Management</i> , 2012, 267, 117-126.	3.3	103

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55	Crystal structure of Au <sub>25</sub> (SePh) <sub>18</sub> nanoclusters and insights into their electronic, optical and catalytic properties. <i>Nanoscale</i> , 2014, 6, 13977-13985.	5.8	103
56	Eco-Friendly Solvent-Processed Fullerene-Free Polymer Solar Cells with over 9.7% Efficiency and Long-Term Performance Stability. <i>Advanced Energy Materials</i> , 2017, 7, 1700566.	22.2	100
57	Are psoriasis and psoriatic arthritis the same disease? The IL-23/IL-17 axis data. <i>Autoimmunity Reviews</i> , 2017, 16, 10-15.	5.9	100
58	Low-temperature processing of "baroplastics"™ by pressure-induced flow. <i>Nature</i> , 2003, 426, 424-428.	36.2	98
59	The first quaternary diamond-like semiconductor with 10-membered Li <sub>4</sub> rings exhibiting excellent nonlinear optical performances. <i>Chemical Communications</i> , 2017, 53, 3010-3013.	4.2	98
60	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.8	94
61	Fluorooxoborates: Beryllium-Free Deep-Ultraviolet Nonlinear Optical Materials without Layered Growth. <i>Angewandte Chemie</i> , 2017, 129, 3974-3977.	2.1	94
62	Early effects of tillage and crop rotation on arbuscular mycorrhizal fungal propagules in an Ultisol. <i>Biology and Fertility of Soils</i> , 2006, 43, 83-92.	4.2	93
63	KPb <sub>2</sub> (PO <sub>3</sub> ) <sub>5</sub> : a novel nonlinear optical lead polyphosphate with a short deep-UV cutoff edge. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10630-10637.	5.6	93
64	Module-Analysis-Assisted Design of Deep Ultraviolet Fluorooxoborates with Extremely Large Gap and High Structural Stability. <i>Chemistry of Materials</i> , 2019, 31, 2807-2813.	7.1	92
65	Series of Crystals with Giant Optical Anisotropy: A Targeted Strategic Research. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1332-1338.	14.8	92
66	Ethanollic Extract of Fructus Alpinia oxyphylla Protects Against 6-Hydroxydopamine-Induced Damage of PC12 Cells In Vitro and Dopaminergic Neurons in Zebrafish. <i>Cellular and Molecular Neurobiology</i> , 2012, 32, 27-40.	3.3	91
67	Type I autoimmune hepatitis: clinical course and outcome in an Italian multicentre study. <i>Alimentary Pharmacology and Therapeutics</i> , 2006, 24, 1051-1057.	3.7	89
68	Measurement of the differential cross section and charge asymmetry for inclusive $\{p\} \rightarrow \{W\}^{\pm} + X$ production at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 469.	4.0	89
69	LiRb <sub>2</sub> PO <sub>4</sub> : a new deep-ultraviolet nonlinear optical phosphate with a large SHG response. <i>Journal of Materials Chemistry C</i> , 2017, 5, 269-274.	5.6	88
70	Na <sub>4</sub> B <sub>8</sub> O <sub>9</sub> F <sub>10</sub> : 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
71	Double-Modification Oriented Design of a Deep-UV Birefringent Crystal Functionalized by [B <sub>12</sub> O <sub>16</sub> F <sub>4</sub> (OH) <sub>4</sub> ] Clusters. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	88
72	An endocannabinoid-regulated basolateral amygdala "nucleus accumbens circuit modulates sociability. <i>Journal of Clinical Investigation</i> , 2020, 130, 1728-1742.	8.2	80

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73	A Series of Rare-Earth Borates $K_7MRE_2B_{15}O_{30}$ ( $M =$ ) Tj ETQq1 1 0.784314 rgBT Materials, 2018, 30, 2414-2423.	7.1	78
74	Mass Fractions, Congener Group Patterns, and Placental Transfer of Short- and Medium-Chain Chlorinated Paraffins in Paired Maternal and Cord Serum. Environmental Science & Technology, 2018, 52, 10097-10103.	10.5	76
75	Effect of polydispersity on the crystallization kinetics of suspensions of colloidal hard spheres when approaching the glass transition. Journal of Chemical Physics, 2007, 127, 084505.	3.1	75
76	$BaCdSnS_4$ and $Ba_3CdSn_2S_8$ : syntheses, structures, and non-linear optical and photoluminescence properties. Dalton Transactions, 2016, 45, 10681-10688.	3.4	75
77	Food insecurity, sexual risk behavior, and adherence to antiretroviral therapy among women living with HIV: A systematic review. Health Care for Women International, 2017, 38, 927-944.	1.2	75
78	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
79	Prediction of Fluorooxoborates with Colossal Second Harmonic Generation (SHG) Coefficients and Extremely Wide Band Gaps: Towards Modulating Properties by Tuning the $BO_3/BO_3F$ Ratio in Layers. Angewandte Chemie - International Edition, 2019, 58, 11726-11730.	14.8	75
80	Bacteria-to-Human Protein Networks Reveal Origins of Endogenous DNA Damage. Cell, 2019, 176, 127-143.e24.	27.8	73
81	$Pb_7O(OH)_3(CO_3)_3(BO_3)_3$ : First Mixed Borate and Carbonate Nonlinear Optical Material Exhibiting Large Second-Harmonic Generation Response. Inorganic Chemistry, 2015, 54, 4138-4142.	4.2	72
82	The first lead fluorooxoborate $PbB_5O_8F$ : achieving the coexistence of large birefringence and deep-ultraviolet cut-off edge. Chemical Communications, 2018, 54, 6308-6311.	4.2	72
83	Performance of the ATLAS muon triggers in Run 2. Journal of Instrumentation, 2020, 15, P09015-P09015.	1.3	72
84	Search for new phenomena in events with a photon and missing transverse momentum in $pp$ collisions at the ATLAS detector. Physical Review D, 2015, 91, 092004.	4.8	71
85	$Na_2CdGe_2Q_6$ ( $Q = S, Se$ ): two metal-mixed chalcogenides with phase-matching abilities and large second-harmonic generation responses. Dalton Transactions, 2017, 46, 2778-2784.	3.4	71
86	Low-Frequency Cortical Oscillations Entrain to Subthreshold Rhythmic Auditory Stimuli. Journal of Neuroscience, 2017, 37, 4903-4912.	3.8	71
87	An investigation of new infrared nonlinear optical material: $BaCdSnSe_4$ , and three new related centrosymmetric compounds: $Ba_2SnSe_4$ , $Mg_2GeSe_4$ , and $Ba_2Ge_2S_6$ . Dalton Transactions, 2015, 44, 19856-19864.	3.4	70
88	Toward the Rational Design of Mid-Infrared Nonlinear Optical Materials with Targeted Properties via a Multi-Level Data-Driven Approach. Advanced Functional Materials, 2022, 32, .	16.5	67
89	Immune-Inflammatory Responses and Oxidative Stress in Alzheimers Disease: Therapeutic Implications. Current Pharmaceutical Design, 2010, 16, 684-691.	1.9	66
90	Polar Fluorooxoborate, $NaB_4O_6F$ : A Promising Material for Ionic Conduction and Nonlinear Optics. Angewandte Chemie, 2018, 130, 6687-6691.	2.1	66

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91	$A_{2}SrM^{IV}S_{4}$ ( $A = Li, Na; M^{IV} = Ge, Sn$ ) concurrently exhibiting wide bandgaps and good nonlinear optical responses as new potential infrared nonlinear optical materials. <i>Chemical Science</i> , 2019, 10, 3963-3968.	7.8	65
92	Three new phosphates with isolated $P_{2}O_{7}$ units: noncentrosymmetric $Cs_{2}Ba_{3}(P_{2}O_{7})_{2}$ and centrosymmetric $Cs_{2}BaP_{2}O_{7}$ and $LiCsBaP_{2}O_{7}$ . <i>Dalton Transactions</i> , 2016, 45, 3936-3942.	3.4	64
93	Experimental and theoretical studies on the linear and nonlinear optical properties of lead phosphate crystals $LiPbPO_{4}$ . <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19123-19129.	2.9	63
94	$Sn_{2}B_{5}O_{9}Br$ 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
95	Inter-cell interference coordination through adaptive soft frequency reuse in LTE networks. , 2012, , .		62
96	Huge explosion in the early Universe. <i>Nature</i> , 2006, 440, 164-164.	36.2	60
97	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{TeV\}$ $s = 13$ TeV. <i>European Physical Journal C</i> , 2016, 76, 451.	4.0	60
98	Nontoxic KBBF Family Member $Zn_{2}BO_{3}(OH)$ : Balance between Beneficial Layered Structure and Layer Tendency. <i>Advanced Science</i> , 2019, 6, 1901679.	12.4	59
99	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
100	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
101	Contribution of lone-pairs to birefringence affected by the $Pb(\text{II})$ coordination environment: a DFT investigation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 21968-21973.	2.9	57
102	Primary systemic therapy does not eradicate disseminated tumor cells in breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2007, 106, 239-243.	2.5	56
103	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
104	Synthesis, crystal structures and optical properties of two congruent-melting isotypic diphosphates: $LiM_{3}P_{2}O_{7}$ ( $M=Na, K$ ). <i>Journal of Solid State Chemistry</i> , 2013, 197, 128-133.	3.0	55
105	$Pb_{3}B_{6}O_{11}F_{2}$ : the first non-centrosymmetric lead borate fluoride with a large second harmonic generation response. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1704.	5.6	55
106	A Nitrate Nonlinear Optical Crystal $Pb_{16}(OH)_{16}(NO_{3})_{16}$ with a Large Second-Harmonic Generation Response. <i>Inorganic Chemistry</i> , 2014, 53, 3320-3325.	4.2	55
107	Transjugular intrahepatic portosystemic shunt (TIPS): current indications and strategies to improve the outcomes. <i>Internal and Emergency Medicine</i> , 2020, 15, 37-48.	2.2	55
108	Experimental and Theoretical Studies on the Linear and Nonlinear Optical Properties of $Bi_{2}ZnOB_{2}O_{6}$ . <i>Journal of Physical Chemistry C</i> , 2013, 117, 14149-14157.	3.3	54

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109	$\text{Sr}_4\text{B}_{10}\text{O}_{18}(\text{OH})_2 \cdot 2\text{H}_2\text{O}$ : a new UV nonlinear optical material with a $[\text{B}_{10}\text{O}_{23}]^{16-}$ building block. <i>Journal of Materials Chemistry C</i> , 2014, 2, 667-674.	5.6	54
110	Designing excellent mid-infrared nonlinear optical materials with fluorooxo-functional group of d0 transition metal oxyfluorides. <i>Science China Materials</i> , 2019, 62, 1798-1806.	6.5	53
111	$(p, \text{I}^*)$ interaction mechanism revealing and accordingly designed new member in deep-ultraviolet NLO borates $\text{Li}_n\text{M}_n\text{B}_{2n-1}\text{O}_{4n-2}$ (M = Cs/Rb, n = 3, 4). <i>Tj5E7Qq1 1 6278431</i>		
112	The association between diabetes, comorbidities, body mass index and all-cause and cause-specific mortality among women with endometrial cancer. <i>Gynecologic Oncology</i> , 2018, 150, 99-105.	1.4	52
113	Borate Fluoride and Fluoroborate in Alkali-Metal Borate Prepared by an Open High-Temperature Solution Method. <i>Inorganic Chemistry</i> , 2014, 53, 12686-12688.	4.2	51
114	Long noncoding RNA PEG10 regulates proliferation and invasion of esophageal cancer cells. <i>Cancer Gene Therapy</i> , 2015, 22, 138-144.	4.6	51
115	Growth characteristics, nutrient allocation and photosynthesis of <i>Carex</i> species from floating fens. <i>Oecologia</i> , 1989, 80, 111-121.	2.1	50
116	Noncovalent Self-Assembled Monolayers on Graphene as a Highly Stable Platform for Molecular Tunnel Junctions. <i>Advanced Materials</i> , 2016, 28, 631-639.	24.3	50
117	Effects of elephant's foot ( <i>Elephantopus scaber</i> ) extract on growth performance, immune response, and disease resistance of Nile tilapia ( <i>Oreochromis niloticus</i> ) fingerlings. <i>Fish and Shellfish Immunology</i> , 2019, 93, 328-335.	3.7	50
118	BaB8O12F2: a promising deep-UV birefringent material. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 546-549.	6.0	50
119	Synthesis and Characterization of Mid-Infrared Transparency Compounds: Acentric $\text{BaHgS}_2$ and Centric $\text{Ba}_8\text{Hg}_4\text{S}_5\text{Se}_7$ . <i>Inorganic Chemistry</i> , 2015, 54, 2772-2779.	4.2	49
120	$\text{BaCu}_2\text{M}_{IV}\text{Q}_4$ (M <sup>IV</sup> = Si, Ge, and Sn; Q = S, Se): synthesis, crystal structures, optical performances and theoretical calculations. <i>RSC Advances</i> , 2017, 7, 29378-29385.	3.7	49
121	Establishment and characteristics of an anthocyanin-producing cell line from sweet potato storage root. <i>Plant Cell Reports</i> , 2000, 19, 472-477.	5.5	48
122	Forward-central two-particle correlations in $\text{Pb-Pb}$ collisions at $\sqrt{s} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 753, 126-139.		48
123	$\text{Ce}(\text{IO}_3)_2\text{F}_2 \cdot \text{H}_2\text{O}$ : The First Rare-Earth Metal Iodate Fluoride with Large Second Harmonic Generation Response. <i>Chemistry - A European Journal</i> , 2019, 25, 1221-1226.	3.9	48
124	An artificial intelligence framework integrating longitudinal electronic health records with real-world data enables continuous pan-cancer prognostication. <i>Nature Cancer</i> , 2021, 2, 709-722.	12.3	48
125	$\text{CsBaB}_9\text{O}_{15}$ : a high performance ultraviolet nonlinear optical material activated by the peculiar double layered configuration. <i>Science Bulletin</i> , 2021, 66, 2165-2169.	11.1	48
126	Pressure drop due to the motion of neutrally buoyant particles in duct flows. <i>Journal of Fluid Mechanics</i> , 1970, 43, 641-660.	3.5	47



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477	Pb <sub>2.28</sub> Ba <sub>1.72</sub> B <sub>10</sub> O <sub>19</sub> featuring a three-dimensional Bâ€O anionic network with edge-sharing [BO <sub>4</sub> ] obtained under ambient pressure. Inorganic Chemistry Frontiers, 2021, 8, 3716-3722.	6.0	4
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