

Jiang-Gao Mao

List of Publications by Year in descending order

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174
papers

7,662
citations

53660

45
h-index

69108

77
g-index

176
all docs

176
docs citations

176
times ranked

2036
citing authors

#	ARTICLE	IF	CITATIONS
1	Se ₂ (B ₂ O ₇): A New Type of Second-Order NLO Material. <i>Journal of the American Chemical Society</i> , 2006, 128, 7750-7751.	6.6	337
2	BaNbO(IO ₃) ₅ : A New Polar Material with a Very Large SHG Response. <i>Journal of the American Chemical Society</i> , 2009, 131, 9486-9487.	6.6	306
3	Recent advances on second-order NLO materials based on metal iodates. <i>Coordination Chemistry Reviews</i> , 2015, 288, 1-17.	9.5	274
4	A Facile Synthetic Route to a New SHG Material with Two Types of Parallel π -Conjugated Planar Triangular Units. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3679-3682.	7.2	246
5	Explorations of New Second-Order Nonlinear Optical Materials in the Potassium Vanadyl Iodate System. <i>Journal of the American Chemical Society</i> , 2011, 133, 5561-5572.	6.6	239
6	Bi(IO ₃) ₂ F: The First Metal Iodate Fluoride with a Very Strong Second Harmonic Generation Effect. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2151-2155.	7.2	211
7	Highly Polarizable Hg ²⁺ Induced a Strong Second Harmonic Generation Signal and Large Birefringence in LiHgPO ₄ . <i>Journal of the American Chemical Society</i> , 2019, 141, 10188-10192.	6.6	194
8	BiFSeO ₃ : An Excellent SHG Material Designed by Aliovalent Substitution. <i>Journal of the American Chemical Society</i> , 2016, 138, 9433-9436.	6.6	174
9	Structures and Properties of Functional Metal Selenites and Tellurites. <i>Inorganic Chemistry</i> , 2008, 47, 8498-8510.	1.9	155
10	High-Performance Second-Harmonic-Generation (SHG) Materials: New Developments and New Strategies. <i>Accounts of Chemical Research</i> , 2021, 54, 2775-2783.	7.6	151
11	NaVO ₂ (IO ₃) ₂ (H ₂ O): A Unique Layered Material Produces A Very Strong SHG Response. <i>Chemistry of Materials</i> , 2010, 22, 1545-1550.	3.2	134
12	Cs ₂ GeB ₄ O ₉ : a New Second-Order Nonlinear-Optical Crystal. <i>Inorganic Chemistry</i> , 2013, 52, 5831-5837.	1.9	121
13	A Facile Route to Nonlinear Optical Materials: Three-site Aliovalent Substitution Involving One Cation and Two Anions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2098-2102.	7.2	114
14	Pb ₂ TiOF(SeO ₃) ₂ Cl and Pb ₂ NbO ₂ (SeO ₃) ₂ Cl: small changes in structure induced a very large SHG enhancement. <i>Chemical Communications</i> , 2013, 49, 9965.	2.2	105
15	Explorations of New Types of Second-Order Nonlinear Optical Materials in Cd(Zn) ν -Te ν Systems. <i>Chemistry - A European Journal</i> , 2008, 14, 1972-1981.	1.7	103
16	$\hat{\Gamma}$ -AgI ₃ O ₈ and $\hat{\Gamma}^2$ -AgI ₃ O ₈ with Large SHG Responses: Polymerization of IO ₃ Groups into the I ₃ O ₈ Polyiodate Anion. <i>Chemistry of Materials</i> , 2014, 26, 3219-3230.	3.2	101
17	REI ₅ O ₁₄ (RE=Y and Gd): Promising SHG Materials Featuring the Semicircle-Shaped I ₅ O ₁₄ ³⁻ Polyiodate Anion. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11666-11669.	7.2	97
18	CsVO ₂ F(IO ₃): An Excellent SHG Material Featuring an Unprecedented 3D [VO ₂ F(IO ₃)] ⁿ⁻ Anionic Framework. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5381-5384.	7.2	94

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19	Zn ₂ (VO ₄) ₃ (IO ₃): A Novel Polar Zinc(II) Vanadium(V) Iodate with a Large SHG Response. <i>Inorganic Chemistry</i> , 2013, 52, 5378-5384.	1.9	84
20	PbPt(IO ₃) ₆ (H ₂ O): a new polar material with two types of stereoactive lone-pairs and a very large SHG response. <i>Chemical Communications</i> , 2012, 48, 4220.	2.2	79
21	Ln ₃ Pb ₃ (IO ₃) ₁₃ (^{1/4} O) (Ln = La~Nd): New Types of Second-Order Nonlinear Optical Materials Containing Two Types of Lone Pair Cations. <i>Inorganic Chemistry</i> , 2009, 48, 2193-2199.	1.9	76
22	RE ₅ O ₁₄ (RE=Y and Gd): Promising SHG Materials Featuring the Semicircle-Shaped I ₅ O ₁₄ ³⁻ Polyiodate Anion. <i>Angewandte Chemie</i> , 2019, 131, 11792-11795.	1.6	76
23	LiGa ₂ PS ₆ and LiCd ₃ PS ₆ : Molecular Designs of Two New Mid-Infrared Nonlinear Optical Materials. <i>Chemistry of Materials</i> , 2018, 30, 3901-3908.	3.2	71
24	CsB ₃ GeO ₇ and K ₂ B ₂ Ge ₃ O ₁₀ : Explorations of New Second-Order Nonlinear Optical Materials in the Borogermanate Systems. <i>Inorganic Chemistry</i> , 2008, 47, 10611-10617.	1.9	68
25	Bi(IO ₃) ₂ F: The First Metal Iodate Fluoride with a Very Strong Second Harmonic Generation Effect. <i>Angewandte Chemie</i> , 2017, 129, 2183-2187.	1.6	66
26	Novel Hybrid Porous 3D Networks of Lead(II) Diphosphonate and Triphosphonate Containing 1,3,5-Benzenetricarboxylate. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 4218-4226.	1.0	65
27	New Second-Order NLO Materials Based on Polymeric Borate Clusters and GeO ₄ Tetrahedra: A Combined Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2011, 50, 1973-1982.	1.9	64
28	Structures and properties of functional metal iodates. <i>Science China Chemistry</i> , 2011, 54, 911-922.	4.2	62
29	AgGa ₂ PS ₆ : A New Mid-Infrared Nonlinear Optical Material with a High Laser Damage Threshold and a Large Second Harmonic Generation Response. <i>Chemistry - A European Journal</i> , 2017, 23, 10978-10982.	1.7	61
30	A Series of Mixed-Metal Germanium Iodates as Second-Order Nonlinear Optical Materials. <i>Chemistry of Materials</i> , 2018, 30, 2443-2452.	3.2	61
31	Cs(TaO ₂) ₃ (SeO ₃) ₂ and Cs(TiOF ₃) ₂ (SeO ₃) ₂ : Structural and Second Harmonic Generation Changes Induced by the Different d ⁰ -TM Coordination Octahedra. <i>Inorganic Chemistry</i> , 2015, 54, 3875-3882.	1.9	60
32	Cs ₂ Bi ₂ O(Ge ₂ O ₇) (CBGO): A Larger SHG Effect Induced by Synergistic Polarizations of BiO ₅ Polyhedra and GeO ₄ Tetrahedra. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15358-15361.	7.2	60
33	Ba ₃ [Ge ₂ B ₇ O ₁₆ (OH) ₂](OH)(H ₂ O) and Ba ₃ Ge ₂ B ₆ O ₁₆ : Novel Alkaline-Earth Borogermanates Based on Two Types of Polymeric Borate Units and GeO ₄ Tetrahedra. <i>Inorganic Chemistry</i> , 2011, 50, 3037-3043.	1.9	58
34	Pb ₄ V ₆ O ₁₆ (SeO ₃) ₃ (H ₂ O), Pb ₂ VO ₂ (SeO ₃) ₂ Cl, and PbVO ₂ (SeO ₃) ₂ F: New Lead(II)-Vanadium(V) Mixed-Metal Selenites Featuring Novel Anionic Skeletons. <i>Inorganic Chemistry</i> , 2014, 53, 8816-8824.	1.9	58
35	Novel Layered Lead(II) Aminodiphosphonates with Carboxylate-Sulfonate and 1,3,5-Benzenetricarboxylate Ligands as Pendant Groups or Intercalated Species. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1270-1276.	1.0	57
36	Explorations of New Second-Order Nonlinear Optical Materials in the Ternary Rubidium Iodate System: Noncentrosymmetric Rb ₃ (IO ₃) ₃ (HIO ₃) ₂ and Centrosymmetric Rb ₃ (IO ₃) ₃ (I ₂ O ₅)(HIO ₃) ₄ (H ₂ O) ₂ . <i>Inorganic Chemistry</i> , 2014, 53, 1756-1763.	1.9	56

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37	A Series of New Phases Containing Three Different Asymmetric Building Units. <i>Inorganic Chemistry</i> , 2010, 49, 5943-5952.	1.9	54
38	Explorations of new second-order NLO materials in the AgI-MoVI/WVI-TeIV-O systems. <i>Dalton Transactions</i> , 2009, , 5747.	1.6	53
39	Syntheses, Crystal Structures, and Characterizations of a Series of New Layered Lanthanide Carboxylate-Phosphonates. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2011-2019.	1.0	52
40	Syntheses, crystal structures, and properties of three new lanthanum(iii) vanadium iodates. <i>Dalton Transactions</i> , 2010, 39, 7960.	1.6	52
41	Narrow Band Gap Observed in a Molecular Ferroelastic: Ferrocenium Tetrachloroferrate. <i>Journal of the American Chemical Society</i> , 2020, 142, 3240-3245.	6.6	52
42	Crystal structures and second-order NLO properties of borogermanates. <i>Journal of Solid State Chemistry</i> , 2012, 195, 63-72.	1.4	51
43	Syntheses, Characterizations, and Crystal Structures of Three New Metal Phosphonocarboxylates with a Layered and a Microporous Structure. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 4211-4217.	1.0	50
44	Pb ₄ (OH) ₄ (BrO ₃) ₃ (NO ₃): An Example of SHG Crystal in Metal Bromates Containing π -Conjugated Planar Triangle. <i>Inorganic Chemistry</i> , 2016, 55, 948-955.	1.9	48
45	Chiroptical Activity from an Achiral Biological Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2018, 140, 11569-11572.	6.6	47
46	LiMg(IO ₃) ₃ : an excellent SHG material designed by single-site aliovalent substitution. <i>Chemical Science</i> , 2019, 10, 10870-10875.	3.7	47
47	Second-Order Nonlinear Optical Materials Based on Metal Iodates, Selenites, and Tellurites. <i>Structure and Bonding</i> , 2012, , 43-103.	1.0	46
48	Explorations of new phases in the GaIII/InIII-MoVI-SeIV/TeIV-O systems. <i>Dalton Transactions</i> , 2009, , 4962.	1.6	45
49	SrGe ₂ B ₂ O ₈ and Sr ₃ Ge ₂ B ₆ O ₁₆ : Novel Strontium Borogermanates with Three-Dimensional and Layered Anionic Architectures. <i>Inorganic Chemistry</i> , 2013, 52, 13644-13650.	1.9	45
50	Polar or Non-Polar? Syntheses, Crystal Structures, and Optical Properties of Three New Palladium(II) iodates. <i>Inorganic Chemistry</i> , 2010, 49, 9581-9589.	1.9	44
51	Acentric La ₃ (IO ₃) ₈ (OH) and La(IO ₃) ₂ (NO ₃): Partial Substitution of Iodate Anions in La(IO ₃) ₃ by Hydroxide or Nitrate Anion. <i>Inorganic Chemistry</i> , 2017, 56, 14357-14365.	1.9	44
52	Syntheses and crystal structures of four new silver(i) iodates with d ⁰ -transition metal cations. <i>Dalton Transactions</i> , 2010, 39, 1473-1479.	1.6	43
53	Ba(MoO ₂) ₂ (QO ₃) ₂ (Q = Se, Te): Partial Fluorination of MoO ₆ Octahedra Enabling Two Polar Solids with Strong and Phase Matchable SHG Response. <i>Chemistry of Materials</i> , 2020, 32, 9688-9695.	3.2	43
54	Na ₂ RE ₂ TeO ₄ (BO ₃) ₂ (RE = Y, Dy-Lu): Luminescent and Structural Studies on a Series of Mixed Metal Borotellurates. <i>Inorganic Chemistry</i> , 2015, 54, 2447-2454.	1.9	42

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55	Ba ₄ Bi ₂ (Si ₈ x ₂ B _{4+x} O ₂₉) (x = 0.09): a new acentric metal borosilicate as a promising nonlinear optical material. <i>Chemical Science</i> , 2019, 10, 837-842.	3.7	42
56	[<i>o</i>]-C ₅ H ₄ NHOH] ₂ [I ₇ O ₁₈ (OH)]â€¦â€¦H ₂ O: An Organic-Inorganic Hybrid SHG Material Featuring an [I ₇ O ₁₈ (OH)] Branched Polyiodate Chain. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17426-17429.	7.2	42
57	HBa _{2.5} (IO ₃) ₆ (I ₂ O ₅) and HBa(IO ₃)(I ₄ O ₁₁): Explorations of Second-Order Nonlinear Optical Materials in the Alkali-Earth Polyiodate System. <i>Inorganic Chemistry</i> , 2019, 58, 3982-3989.	1.9	39
58	A new iodate-phosphate Pb ₂ (IO ₃)(PO ₄) achieving great improvement in birefringence activated by (IO ₃) ⁺ groups. <i>Chemical Communications</i> , 2020, 56, 635-638.	2.2	39
59	LiB ₂ O ₃ F: A Beryllium-Free Deep-Ultraviolet Nonlinear Optical Material Designed Based on a Boron-Rich Strategy. <i>Chemistry of Materials</i> , 2021, 33, 4783-4791.	3.2	39
60	A Series of New Ternary and Quaternary Compounds in the Li ⁺ Gall ⁺ TelV ⁺ O System. <i>Inorganic Chemistry</i> , 2010, 49, 11573-11580.	1.9	38
61	Syntheses and Crystal Structures of a Series of Alkaline Earth Vanadium Selenites and Tellurites. <i>Inorganic Chemistry</i> , 2010, 49, 11627-11636.	1.9	38
62	PbCdF(SeO ₃)(NO ₃): A Nonlinear Optical Material Produced by Synergistic Effect of Four Functional Units. <i>Inorganic Chemistry</i> , 2018, 57, 11839-11846.	1.9	38
63	Ba ₂ [MoO ₃ (OH)(IO ₃) ₂]IO ₃ : A Promising SHG Material Featuring a β -Shaped Functional Motif Achieved by Universal Mono-Site Substitution. <i>Chemistry of Materials</i> , 2020, 32, 6780-6787.	3.2	38
64	Self-assembly of silver(i) coordination polymers with novel layered open network structures based on a flexible double betaine ligand. <i>Dalton Transactions RSC</i> , 2002, , 1344.	2.3	37
65	Ca ₁₀ Ge ₁₆ B ₆ O ₅₁ and Cd ₁₂ Ge ₁₇ B ₈ O ₅₈ : Two Types of New 3D Frameworks Based on BO ₄ Tetrahedra and 1D [Ge ₄ O ₁₂] _n Chains. <i>Inorganic Chemistry</i> , 2011, 50, 8861-8868.	1.9	37
66	Hydrothermal synthesis, characterization and crystal structures of two new layered lead(ii) diphosphonates. <i>New Journal of Chemistry</i> , 2003, 27, 1326.	1.4	36
67	Syntheses, crystal structures and properties of new lead(ii) or bismuth(iii) selenites and tellurite. <i>Dalton Transactions</i> , 2012, 41, 9532.	1.6	36
68	Fluoroborophosphates: a family of potential deep ultraviolet NLO materials. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 723-730.	3.0	36
69	PbCd ₂ B ₆ O ₁₂ and EuZnB ₅ O ₁₀ : syntheses, crystal structures and characterizations of two new mixed metal borates. <i>CrystEngComm</i> , 2014, 16, 7689.	1.3	35
70	Series of SHG Materials Based on Lanthanide Borate α -Acetate Mixed Anion Compounds. <i>Inorganic Chemistry</i> , 2015, 54, 7516-7523.	1.9	35
71	K ₂ Pb ₃ (CO ₃) ₃ F ₂ and KCdCO ₃ F: Novel Fluoride Carbonates with Layered and 3D Framework Structures. <i>Inorganic Chemistry</i> , 2015, 54, 10407-10414.	1.9	35
72	Li ₇ (TeO ₃) ₃ F: A Lithium Fluoride Tellurite with Large Second Harmonic Generation Responses and a Short Ultraviolet Cutoff Edge. <i>Inorganic Chemistry</i> , 2017, 56, 14697-14705.	1.9	35

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73	New Luminescent Solids in the Ln ^W (Mo) ^{Te} O ^(Cl) Systems. <i>Inorganic Chemistry</i> , 2007, 46, 7012-7023.	1.9	34
74	[Cd ₂ (Te ₆ O ₁₃)] ₂ [Cd ₂ Cl ₆] and Cd ₇ Cl ₈ (Te ₇ O ₁₇): A Novel Tellurium(IV) Oxide Slabs and Unusual Cadmium Chloride Architectures. <i>Inorganic Chemistry</i> , 2006, 45, 717-721.	1.9	33
75	Ln ₂ Ge ₂ B ₂ O ₈ (Ln = Nd, Sm ^{Tb}): a series of luminescent lanthanide(III) borogermanates with a layered structure. <i>Dalton Transactions</i> , 2010, 39, 5301.	1.6	33
76	A New Approach to Novel Cluster Compounds of Lead(II) Phosphonates. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4520-4529.	1.0	32
77	Syntheses, Crystal Structures, Magnetic and Luminescent Properties of two Classes of Molybdenum(VI) Rich Quaternary Lanthanide Selenites. <i>Inorganic Chemistry</i> , 2011, 50, 4934-4943.	1.9	32
78	Explorations of a Series of Second Order Nonlinear Optical Materials Based on Monovalent Metal Gold(III) Iodates. <i>Inorganic Chemistry</i> , 2013, 52, 11551-11562.	1.9	32
79	Syntheses and Crystal Structures of Two Cobalt Carboxylate ^{Phosphonates} with 4,4'-Bipyridine as a Secondary Metal Linker. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3706.	1.0	31
80	Syntheses, crystal structures and optical properties of the first strontium selenium(IV) and tellurium(IV) oxychlorides: Sr ₃ (SeO ₃)(Se ₂ O ₅)Cl ₂ and Sr ₄ (Te ₃ O ₈)Cl ₄ . <i>Journal of Solid State Chemistry</i> , 2008, 181, 345-354.	1.4	31
81	KSbB ₂ O ₆ and BaSb ₂ B ₄ O ₁₂ : Novel Boroantimonates with 3D Anionic Architectures Composed of 1D Chains of SbO ₆ Octahedra and B ₂ O ₅ Groups. <i>Inorganic Chemistry</i> , 2014, 53, 3847-3853.	1.9	31
82	Title is missing!. <i>Transition Metal Chemistry</i> , 1997, 22, 277-280.	0.7	30
83	New Series of Polar and Nonpolar Platinum Iodates A ₂ Pt(IO ₃) ₆ (A = Sr, Ba) and Ba(MOF) ₂ (TeO ₄) (M = Sr, Ba). <i>Dalton Transactions</i> , 2018, 47, 1513-1519.	1.9	30
84	A(VO ₂)F(SeO ₃) (A = Sr, Ba) and Ba(MOF) ₂ (TeO ₄) (M = Sr, Ba) octahedron. <i>Dalton Transactions</i> , 2018, 47, 1513-1519.	1.6	30
85	Title is missing!. <i>Journal of Chemical Crystallography</i> , 1998, 28, 475-479.	0.5	29
86	Explorations of New SHG Materials in the Alkali-Metal ^{Nb⁵⁺} Selenite System. <i>Inorganic Chemistry</i> , 2015, 54, 10978-10984.	1.9	29
87	[GaF(H ₂ O)] ₂ [IO ₃ F]: a promising NLO material obtained by anisotropic polycation substitution. <i>Chemical Science</i> , 2021, 12, 9333-9338.	3.7	29
88	White-Light Emission from a Semi-Conductive Borate ^{Stannate} . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13390-13393.	7.2	28
89	Exploration of New Birefringent Crystals in Bismuth d ⁰ Transition Metal Selenites. <i>Chemistry - A European Journal</i> , 2019, 25, 3685-3694.	1.7	28
90	LiGaF ₂ (IO ₃) ₂ : A mixed-metal gallium iodate-fluoride with large birefringence and wide band gap. <i>Science China Materials</i> , 2021, 64, 400-407.	3.5	28

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91	Syntheses, Structural Studies, and Magnetic Properties of Divalent Cu and Co Selenites with Organic Constituents. <i>Chemistry - A European Journal</i> , 2006, 12, 8312-8323.	1.7	27
92	$K_2Pb(H_2C_3N_3O_3)_4(H_2O)_4$: a potential UV nonlinear optical material with large birefringence. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3547-3555.	3.0	27
93	$Ba_3Sb_2(PO_4)_4$ and $Cd_3Sb_2(PO_4)_4(H_2O)_2$: Two New Antimonous Phosphates with Distinct $[Sb(PO_4)_2]$ Structure Types and Enhanced Birefringence. <i>Inorganic Chemistry</i> , 2021, 60, 1957-1964.	1.9	27
94	$Tl(VO)_2O_2(IO_3)_3$: a new polar material with a strong SHG response. <i>Dalton Transactions</i> , 2013, 42, 7051.	1.6	25
95	Recent progress in selenite and tellurite based SHG materials. <i>Dalton Transactions</i> , 2020, 49, 8433-8437.	1.6	25
96	Syntheses, crystal structures and SHG properties of a series of polar alkali-metal molybdenum(vi) selenites based on strandberg-type $[Mo_5O_{15}(SeO_3)_2]^{4-}$ polyanion. <i>Dalton Transactions</i> , 2012, 41, 5687.	1.6	24
97	$Ln_2Ga[B_3O_6(OH)]_2[B_7O_9(OH)]_2(CH_3COO)_4$ (Ln = Y, Sm, Eu, Gd, Dy): A Series of Lanthanide Galloborates Decorated by Acetate Anions. <i>Inorganic Chemistry</i> , 2016, 55, 6051-6060.	1.9	24
98	Two Indium Sulfate Tellurites: Centrosymmetric $Ln_2(SO_4)_2(TeO_3)_2(OH)_2(H_2O)$ and Non-centrosymmetric $Ln_3(SO_4)_2(TeO_3)_2F_3(H_2O)$. <i>Inorganic Chemistry</i> , 2019, 58, 11155-11163.	1.9	24
99	$Y_2(Te_4O_{10})(SO_4)_2$: a new sulfate tellurite with a unique Te_4O_{10} polyanion and large birefringence. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 164-172.	3.0	23
100	$Bi_2[B_2(SeO_3)_6]$: A Metal Boroselenite with a Unique Zero-Dimensional $[B_2(SeO_3)_6]^{6-}$ Anionic Group and Large Birefringence. <i>Inorganic Chemistry</i> , 2021, 60, 3539-3542.	1.9	23
101	A New Anhydrous Polar Rare-Earth Iodate Fluoride, $Ce(IO_3)_2F_2$, Exhibiting a Large Second-Harmonic-Generation Effect and Improved Overall Performance. <i>Chemistry of Materials</i> , 2021, 33, 2894-2900.	3.2	23
102	$A_2SbB_3O_8$ (A = Na, K, Rb) and $I^2-RbSbB_2O_6$: two types of alkali boroantimonates with 3D anionic architectures composed of SbO_6 octahedra and borate groups. <i>CrystEngComm</i> , 2016, 18, 1655-1664.	1.3	22
103	A Facile Route to Nonlinear Optical Materials: Three- ϵ -Site Aliovalent Substitution Involving One Cation and Two Anions. <i>Angewandte Chemie</i> , 2019, 131, 2120-2124.	1.6	22
104	$BaPO_3Cl$: a Metal Phosphate Chloride with Infinite $[PO_3]_{\infty}$ Chains. <i>Inorganic Chemistry</i> , 2019, 58, 73-76.	1.9	22
105	$I^2-BaGa[B_4O_8(OH)](H_2O)$ and $Ba_4Ga[B_{10}O_{18}(OH)]_5(H_2O)$: new barium galloborates featuring unusual $[B_4O_8(OH)]^{5-}$ and $[B_{10}O_{18}(OH)]^{11-}$ clusters. <i>RSC Advances</i> , 2014, 4, 15258-15265.	1.7	21
106	$K_6ACaSc_2(B_5O_{10})_3$ (A = Li, Na), <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> <i>Inorganic Chemistry</i> , 2019, 58, 2833-2839.	1.9	21
107	$CsVO_2F(IO_3)$: An Excellent SHG Material Featuring an Unprecedented 3D $[VO_2F(IO_3)]^{\infty}$ Anionic Framework. <i>Angewandte Chemie</i> , 2020, 132, 5419-5422.	1.6	21
108	Syntheses, crystal structures of a series of novel alkali metal or alkaline earth metal phosphites. <i>CrystEngComm</i> , 2013, 15, 2519.	1.3	20

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109	Ag ₄ Hg(SeO ₃) ₂ (SeO ₄): a novel SHG material created in mixed valent selenium oxides by in situ synthesis. <i>Science China Materials</i> , 2019, 62, 1821-1830.	3.5	20
110	Three New Organically Templated Polyoxomolybdates with Capping Selenite Anions. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3712.	1.0	19
111	La ₄ (Si _{5.2} Ge _{2.8} O ₁₈)(TeO ₃) ₄ and La ₂ (Si ₆ O ₁₃)(TeO ₃) ₂ : Intergrowth of the lanthanum(III) tellurite layer with the XO ₄ (X=Si/Ge) tetrahedral layer. <i>Journal of Solid State Chemistry</i> , 2008, 181, 263-268.	1.4	19
112	A series of new phases in the alkali metal–NbV/TaV–SeIV/TeIV–O systems. <i>Dalton Transactions</i> , 2011, 40, 2562.	1.6	19
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