

Kang Min Ok

List of Publications by Year in descending order

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263
papers

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times ranked

4904
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#	ARTICLE	IF	CITATIONS
1	Bulk characterization methods for non-centrosymmetric materials: second-harmonic generation, piezoelectricity, pyroelectricity, and ferroelectricity. <i>Chemical Society Reviews</i> , 2006, 35, 710.	38.1	808
2	Toward the Rational Design of Novel Noncentrosymmetric Materials: Factors Influencing the Framework Structures. <i>Accounts of Chemical Research</i> , 2016, 49, 2774-2785.	15.6	457
3	Combining Second-Order Jahn-Teller Distorted Cations to Create Highly Efficient SHG Materials: Synthesis, Characterization, and NLO Properties of BaTeM ₂ O ₉ (M = Mo ⁶⁺ or W ⁶⁺). <i>Journal of the American Chemical Society</i> , 2003, 125, 7764-7765.	13.7	443
4	Distortions in Octahedrally Coordinated d ⁰ Transition Metal Oxides: A Continuous Symmetry Measures Approach. <i>Chemistry of Materials</i> , 2006, 18, 3176-3183.	6.7	326
5	Structural Modulation of Molybdenyl Iodate Architectures by Alkali Metal Cations in AMoO ₃ (IO ₃) (A = Tl, ET, Q, Rb, Cs). <i>Journal of the American Chemical Society</i> , 2002, 124, 1951-1957.	13.7	320
6	Pb ₂ BO ₃ Cl: A Tailor-Made Polar Lead Borate Chloride with Very Strong Second Harmonic Generation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12078-12082.	13.8	315
7	Alignment of Lone Pairs in a New Polar Material: Synthesis, Characterization, and Functional Properties of Li ₂ Ti(IO ₃) ₆ . <i>Journal of the American Chemical Society</i> , 2009, 131, 2426-2427.	13.7	291
8	CsSbF ₂ SO ₄ : An Excellent Ultraviolet Nonlinear Optical Sulfate with a KTiOPO ₄ (KTP)-type Structure. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6528-6534.	13.8	280
9	Polar or Nonpolar? A ⁺ Cation Polarity Control in A ₂ Ti(IO ₃) ₆ (A = Li, Na, K, Rb, Cs, Tl). <i>Journal of the American Chemical Society</i> , 2009, 131, 6865-6873.	13.7	266
10	Na ₂ Te ₃ Mo ₃ O ₁₆ : A New Molybdenum Tellurite with Second-Harmonic Generating and Pyroelectric Properties. <i>Chemistry of Materials</i> , 2006, 18, 2070-2074.	6.7	224
11	Novel ultraviolet (UV) nonlinear optical (NLO) materials discovered by chemical substitution-oriented design. <i>Chemical Science</i> , 2020, 11, 5404-5409.	7.4	201
12	Synthesis and Characterization of Te ₂ SeO ₇ : A Powder Second-Harmonic-Generating Study of TeO ₂ , Te ₂ SeO ₇ , Te ₂ O ₅ , and TeSeO ₄ . <i>Chemistry of Materials</i> , 2001, 13, 1910-1915.	6.7	200
13	Rb ₃ VO(O ₂) ₂ CO ₃ : A Four-in-One Carbonatoperoxovanadate Exhibiting an Extremely Strong Second-Harmonic Generation Response. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8619-8622.	13.8	172
14	The Lone-Pair Cation I ⁵⁺ in a Hexagonal Tungsten Oxide-Like Framework: Synthesis, Structure, and Second-Harmonic Generating Properties of Cs ₂ I ₄ O ₁₁ . <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5489-5491.	13.8	166
15	K ₂ Sb(P ₂ O ₇)F: Cairo Pentagonal Layer with Bifunctional Genes Reveal Optical Performance. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21151-21156.	13.8	156
16	New One-Dimensional Vanadyl Iodates: Hydrothermal Preparation, Structures, and NLO Properties of A[VO ₂ (IO ₃) ₂] (A = K, Rb) and A[(VO) ₂ (IO ₃) ₃ O ₂] (A = NH ₄ , Rb, Cs). <i>Chemistry of Materials</i> , 2002, 14, 2741-2749.	6.7	154
17	TOF-2: A Large 1D Channel Thorium Organic Framework. <i>Journal of the American Chemical Society</i> , 2008, 130, 3762-3763.	13.7	131
18	Syntheses, structures, and second-harmonic generating properties in new quaternary tellurites: A ₂ TeW ₃ O ₁₂ (A = K, Rb, or Cs). <i>Journal of Solid State Chemistry</i> , 2003, 175, 3-12.	2.9	120

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19	Lead Mixed Oxyhalides Satisfying All Fundamental Requirements for High-Performance Mid-Infrared Nonlinear Optical Materials. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7514-7520.	13.8	120
20	New Polar Oxides: Synthesis, Characterization, Calculations, and Structure-Property Relationships in RbSe_2VO_3 and TlSe_2VO_3 . <i>Chemistry of Materials</i> , 2009, 21, 1654-1662.	6.7	119
21	$\text{Pb}_2\text{BO}_3\text{Cl}$: A Tailor-Made Polar Lead Borate Chloride with Very Strong Second Harmonic Generation. <i>Angewandte Chemie</i> , 2016, 128, 12257-12261.	2.0	119
22	Mixed-Metal Tellurites: Synthesis, Structure, and Characterization of $\text{Na}_{1.4}\text{Nb}_3\text{Te}_4\text{O}_{18}$ and $\text{NaNb}_3\text{Te}_4\text{O}_{16}$. <i>Inorganic Chemistry</i> , 2005, 44, 3919-3925.	4.0	116
23	New Metal Iodates: Syntheses, Structures, and Characterizations of Noncentrosymmetric $\text{La}(\text{IO}_3)_3$ and $\text{NaYf}_4\text{O}_{12}$ and Centrosymmetric $\text{I}^2\text{-Cs}_2\text{I}_4\text{O}_{11}$ and $\text{Rb}_2\text{I}_6\text{O}_{15}(\text{OH})_2 \cdot \text{H}_2\text{O}$. <i>Inorganic Chemistry</i> , 2005, 44, 9353-9359.	4.0	116
24	Structure and Physical Properties of the Polar Oxysulfide CaZnOS . <i>Inorganic Chemistry</i> , 2007, 46, 2571-2574.	4.0	114
25	Bi_2TeO_5 : Synthesis, Structure, and Powder Second Harmonic Generation Properties. <i>Inorganic Chemistry</i> , 2001, 40, 1978-1980.	4.0	112
26	Hydrothermal Preparation, Structures, and NLO Properties of the Rare Earth Molybdenyl Iodates, $\text{RE}(\text{MoO}_2)(\text{IO}_3)_4(\text{OH})$ [RE = Nd, Sm, Eu]. <i>Inorganic Chemistry</i> , 2003, 42, 457-462.	4.0	110
27	$\text{Pb}_{18}\text{O}_8\text{Cl}_{15}\text{I}_5$: A Polar Lead Mixed Oxyhalide with Unprecedented Architecture and Excellent Infrared Nonlinear Optical Properties. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20323-20327.	13.8	110
28	$\text{Cs}_3\text{VO}(\text{O})_2\text{CO}_3$: an exceptionally thermostable carbonatoperoxovanadate with an extremely large second-harmonic generation response. <i>Chemical Science</i> , 2018, 9, 8957-8961.	7.4	107
29	High-Performance Sulfate Optical Materials Exhibiting Giant Second Harmonic Generation and Large Birefringence. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	94
30	New Noncentrosymmetric Tellurite Phosphate Material: Synthesis, Characterization, and Calculations of $\text{Te}_2\text{O}(\text{PO}_4)_2$. <i>Inorganic Chemistry</i> , 2010, 49, 7028-7034.	4.0	92
31	Influence of the Cation Size on the Framework Structures and Space Group Centricities in AMo_2O_5 (SeO_3) $_2$ (A = Sr, Pb, and Ba). <i>Inorganic Chemistry</i> , 2012, 51, 5393-5399.	4.0	89
32	Syntheses, Structures, Second-Harmonic Generating, and Ferroelectric Properties of Tungsten Bronzes: $\text{A}_6\text{M}_2\text{O}_3$ (A = Sr^{2+} , Ba^{2+} , or Pb^{2+} ; M = Ti^{4+} , Zr^{4+} , or Hf^{4+} ; $\text{M} = \text{Nb}^{5+}$ or Ta^{5+}). <i>Chemistry of Materials</i> , 2004, 16, 3616-3622.	6.7	87
33	Directed Synthesis of Noncentrosymmetric Molybdates. <i>Crystal Growth and Design</i> , 2005, 5, 1913-1917.	3.0	85
34	New Layered Uranium Phosphate Fluorides: Syntheses, Structures, Characterizations, and Ion-Exchange Properties of $\text{A}(\text{UO}_2)\text{F}(\text{HPO}_4) \cdot x\text{H}_2\text{O}$ (A = Cs^+ , Rb^+ , K^+ ; x = 0-1). <i>Inorganic Chemistry</i> , 2006, 45, 10207-10214.	4.0	85
35	Synthesis, Structure, and Characterization of Two New Layered Mixed-Metal Phosphates, $\text{BaTeMO}_4(\text{PO}_4)$ (M = Nb^{5+} or Ta^{5+}). <i>Inorganic Chemistry</i> , 2004, 43, 964-968.	4.0	82
36	New Quaternary Tellurite and Selenite: Synthesis, Structure, and Characterization of Centrosymmetric InVTe_2O_8 and Noncentrosymmetric InVSe_2O_8 . <i>Inorganic Chemistry</i> , 2011, 50, 4473-4480.	4.0	82

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37	Controlled aqueous synthesis of ultra-long copper nanowires for stretchable transparent conducting electrode. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1441-1447.	5.5	78
38	Macroscopic polarity control with alkali metal cation size and coordination environment in a series of tin iodates. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 361-368.	6.0	74
39	CsSbF ₂ SO ₄ : An Excellent Ultraviolet Nonlinear Optical Sulfate with a KTiOPO ₄ (KTP)-type Structure. <i>Angewandte Chemie</i> , 2019, 131, 6598-6604.	2.0	72
40	Directed Synthesis of Noncentrosymmetric Molybdates Using Composition Space Analysis. <i>Inorganic Chemistry</i> , 2006, 45, 5529-5537.	4.0	70
41	Asymmetric Cationic Coordination Environments in New Oxide Materials: Synthesis and Characterization of Pb ₄ Te ₆ M ₁₀ O ₄₁ (M = Nb ⁵⁺ or Ta ⁵⁺). <i>Inorganic Chemistry</i> , 2004, 43, 4248-4253.	4.0	69
42	Polar Hexagonal Tungsten Bronze-Type Oxides: KNbW ₂ O ₉ , RbNbW ₂ O ₉ , and KTaW ₂ O ₉ . <i>Inorganic Chemistry</i> , 2008, 47, 8511-8517.	4.0	66
43	Functional layered materials with heavy metal lone pair cations, Pb ²⁺ , Bi ³⁺ , and Te ⁴⁺ . <i>Chemical Communications</i> , 2019, 55, 12737-12748.	4.1	66
44	New Alkali-Metal Gallium Selenites, A ₂ Ga ₂ (SeO ₃) ₂ (A = Li, Na, K, and Cs): Effect of Cation Size on the Framework Structures and Macroscopic Centricities. <i>Inorganic Chemistry</i> , 2013, 52, 5176-5184.	4.0	65
45	Rb ₂ Na(NO ₃) ₃ : A Congruently Melting UV-NLO Crystal with a Very Strong Second-Harmonic Generation Response. <i>Crystals</i> , 2016, 6, 42.	2.2	65
46	Optical characteristics and longevity of the line-emitting K ₂ SiF ₆ :Mn ⁴⁺ phosphor for LED application. <i>Optical Materials Express</i> , 2016, 6, 782.	3.0	65
47	Catalytic and Enantioselective Control of the C [*] N Stereogenic Axis via the Pictet-Spengler Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12279-12283.	13.8	65
48	New Selenites: Syntheses, Structures, and Characterization of Centrosymmetric Al ₂ (Se ₂ O ₅) ₃ and Ga ₂ (Se ₂ O ₅) ₃ and Non-centrosymmetric In ₂ (Se ₂ O ₅) ₃ . <i>Chemistry of Materials</i> , 2002, 14, 2360-2364.	6.7	64
49	Influence of Ca-doping in layered perovskite PrBaCo ₂ O _{5+δ} on the phase transition and cathodic performance of a solid oxide fuel cell. <i>Journal of Materials Chemistry A</i> , 2016, 4, 6479-6486.	10.3	64
50	Na ₂ Mg ¹⁺ Zn ⁺ SiO ₄ (0 ≤ x ≤ 1): Noncentrosymmetric Sodium Metal Silicate Solid Solutions with Ultraviolet Nonlinear Optical Properties. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 139-142.	1.9	64
51	From Linear Inorganic Chains to Helices: Chirality in the M(py ₂)(H ₂ O) ₂ MoO ₂ F ₄ (M = Zn, Cd) Compounds. <i>Inorganic Chemistry</i> , 2002, 41, 4852-4858.	4.0	62
52	Hydrogen-Bond-Driven Synergistically Enhanced Hyperpolarizability: Chiral Coordination Polymers with Nonpolar Structures Exhibiting Unusually Strong Second-Harmonic Generation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20656-20660.	13.8	61
53	Metal oxyhalides: an emerging family of nonlinear optical materials. <i>Chemical Science</i> , 2022, 13, 3942-3956.	7.4	60
54	New d ₀ Transition Metal Iodates: Synthesis, Structure, and Characterization of BaTi(IO ₃) ₆ , LaTiO(IO ₃) ₅ , Ba ₂ VO ₂ (IO ₃) ₄ ·(IO ₃), K ₂ MoO ₂ (IO ₃) ₄ , and BaMoO ₂ (IO ₃) ₄ ·H ₂ O. <i>Inorganic Chemistry</i> , 2005, 44, 2263-2271.	4.0	59

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55	ACdCO ₃ F (A = K and Rb): new noncentrosymmetric materials with remarkably strong second-harmonic generation (SHG) responses enhanced via π -interaction. RSC Advances, 2015, 5, 84754-84761.	3.6	58
56	Noncentrosymmetric YVSe ₂ O ₈ and Centrosymmetric YVTe ₂ O ₈ : Macroscopic Centricities Influenced by the Size of Lone Pair Cation Linkers. Inorganic Chemistry, 2014, 53, 1250-1256.	4.0	57
57	Synthesis, Structure, and Characterization of Novel Two- and Three-Dimensional Vanadates: Ba _{2.5} (VO ₂) ₃ (SeO ₃) ₄ ·H ₂ O and La(VO ₂) ₃ (TeO ₆) ₃ ·3H ₂ O. Inorganic Chemistry, 2006, 45, 3602-3605.	4.0	55
58	New Noncentrosymmetric Material - [N(CH ₃) ₄] ₂ ZnCl ₃ : Polar Chains of Aligned ZnCl ₄ Tetrahedra. Inorganic Chemistry, 2009, 48, 8376-8382.	4.0	55
59	[[R-C ₈ H ₁₂ N] ₄][Bi ₂ Br ₁₀] and [[S-C ₈ H ₁₂ N] ₄][Bi ₂ Br ₁₀]: Chiral Hybrid Bismuth Bromides Templated by Chiral Organic Cations. ACS Omega, 2018, 3, 17895-17903.	3.5	54
60	Two New Non-centrosymmetric $n = 3$ Layered Dionâ€“Jacobson Perovskites: Polar RbBi ₂ Ti ₂ NbO ₁₀ and Nonpolar CsBi ₂ Ti ₂ TaO ₁₀ . Chemistry of Materials, 2016, 28, 2424-2432.	6.7	52
61	Synthesis, structure, and characterization of a new thoriumâ€“organic framework material, Th ₃ F ₅ [(C ₁₀ H ₁₄)(CH ₂ CO ₂) ₂] ₃ (NO ₃). Dalton Transactions, 2008, , 5560.	3.3	51
62	A kinetic study of the phase conversion of layered cobalt hydroxides. Journal of Materials Chemistry, 2008, 18, 4450.	6.7	51
63	New Tellurites: Syntheses, Structures, and Characterization of K ₂ Te ₄ O ₉ ·3.2H ₂ O, KGaTe ₆ O ₁₄ , and KGaTe ₂ O ₆ ·1.8H ₂ O. Chemistry of Materials, 2001, 13, 4278-4284.	6.7	48
64	Effect of the Framework Flexibility on the Centricities in Centrosymmetric In ₂ Zn(SeO ₃) ₄ and Noncentrosymmetric Ga ₂ Zn(TeO ₃) ₄ . Inorganic Chemistry, 2012, 51, 7844-7850.	4.0	48
65	New Bismuth Selenium Oxides: Syntheses, Structures, and Characterizations of Centrosymmetric Bi ₂ (SeO ₃) ₂ (SeO ₄) and Bi ₂ (TeO ₃) ₂ (SeO ₄) and Noncentrosymmetric Bi(SeO ₃)(HSeO ₃). Inorganic Chemistry, 2013, 52, 4097-4103.	4.0	48
66	Variable Framework Structures and Centricities in Alkali Metal Yttrium Selenites, AY(SeO ₃) ₂ (A = Na, K, Rb, and Cs). Inorganic Chemistry, 2014, 53, 4756-4762.	4.0	47
67	Strong Second Harmonic Generation (SHG) Originating from Combined Second-Order Jahnâ€“Teller (SOJT) Distortive Cations in a New Noncentrosymmetric Tellurite, InNb(TeO ₄) ₂ . Inorganic Chemistry, 2014, 53, 5240-5245.	4.0	47
68	SbSbxM _{1-x} O ₄ (M=NbV or TaV): Solid Solution Behavior and Second-Harmonic Generating Properties. Journal of Solid State Chemistry, 2001, 161, 57-62.	2.9	45
69	Synthesis, structure, and characterization of a new one-dimensional tellurite phosphate, Ba ₂ TeO(PO ₄) ₂ . Journal of Solid State Chemistry, 2006, 179, 1345-1350.	2.9	44
70	Lead Mixed Oxyhalides Satisfying All Fundamental Requirements for High-Performance Mid-Infrared Nonlinear Optical Materials. Angewandte Chemie, 2020, 132, 7584-7590.	2.0	44
71	Bi ₃ (SeO ₃) ₃ (Se ₂ O ₅)F: A Polar Bismuth Selenite Fluoride with Polyhedra of Highly Distortive Lone Pair Cations and Strong Second-Harmonic Generation Response. Chemistry of Materials, 2020, 32, 7318-7326.	6.7	42
72	Regio- and Stereoselective Câ€“C Bond Formation between Alkynes: Synthesis of Linear Dienes from Alkynes. Organometallics, 2002, 21, 4785-4793.	2.3	40

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73	Rb ₃ VO(O ₂) ₂ CO ₃ : A Four-Order Carbonatoperoxovanadate Exhibiting an Extremely Strong Second-Harmonic Generation Response. <i>Angewandte Chemie</i> , 2018, 130, 8755-8758.	2.0	39
74	Modulation of Framework and Centricity: Cation Size Effect in New Quaternary Selenites, ASc(SeO ₃) ₂ (A = Na, K, Rb, and Cs). <i>Inorganic Chemistry</i> , 2015, 54, 5032-5038.	4.0	38
75	Lone Pairs as Chemical Scissors in New Antimony Oxichlorides, Sb ₂ ZnO ₃ Cl ₂ and Sb ₁₆ Cd ₈ O ₂₅ Cl ₁₄ . <i>Inorganic Chemistry</i> , 2010, 49, 2990-2995.	4.0	37
76	PbMSeO ₆ (M = Mo and W): New quaternary mixed metal selenites with asymmetric cationic coordination environments. <i>Dalton Transactions</i> , 2012, 41, 2995.	3.3	37
77	Synthesis of the Thioborate Crystal Zn _x Ba ₂ B ₂ S _{5+x} (x = 0.2) for Second Order Nonlinear Optical Applications. <i>Chemistry of Materials</i> , 2005, 17, 2046-2051.	6.7	36
78	Anionic Templating: Synthesis, Structure, and Characterization of Novel Three-Dimensional Mixed-Metal Oxichlorides Te ₄ M ₃ O ₁₅ Cl (M = Nb ⁵⁺ or Ta ⁵⁺). <i>Inorganic Chemistry</i> , 2002, 41, 3805-3807.	4.0	35
79	Rich Structural Chemistry in Scandium Selenium/Tellurium Oxides: Mixed-Valent Selenite Selenates, Sc ₂ (SeO ₃) ₂ (SeO ₄) and Sc ₂ (TeO ₃)(SeO ₃)(SeO ₄), and Ternary Tellurite, Sc ₂ (TeO ₃) ₃ . <i>Inorganic Chemistry</i> , 2014, 53, 7040-7046.	4.0	35
80	Polar Noncentrosymmetric ZnMoSb ₂ O ₇ and Nonpolar Centrosymmetric CdMoSb ₄ O ₁₀ : d ¹⁰ Transition Metal Size Effect Influencing the Stoichiometry and the Centricity. <i>Inorganic Chemistry</i> , 2016, 55, 6286-6293.	4.0	35
81	Detection of Methomyl, a Carbamate Insecticide, in Food Matrices Using Terahertz Time-Domain Spectroscopy. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2016, 37, 486-497.	2.2	34
82	[N(CH ₃) ₄][(UO ₂) ₂ F ₅]: A new organically templated open-framework uranium oxide fluoride (MUF-2). <i>Journal of Materials Chemistry</i> , 2006, 16, 3366.	6.7	33
83	ZnIO ₃ (OH): a new layered noncentrosymmetric polar iodate hydrothermal synthesis, crystal structure, and second-harmonic generating (SHG) properties. <i>Dalton Transactions</i> , 2012, 41, 8348.	3.3	32
84	±-ScVSe ₂ O ₈ , ±-ScVSe ₂ O ₈ , and ScVTe ₂ O ₈ : New Quaternary Mixed Metal Oxides Composed of Only Second-Order Jahn-Teller Distortive Cations. <i>Inorganic Chemistry</i> , 2013, 52, 11450-11456.	4.0	32
85	Cooperative Effects of Cation Size and Variable Coordination Modes of Te ⁴⁺ on the Frameworks of New Alkali Metal Indium Tellurites, NaIn(TeO ₃) ₂ , KIn(TeO ₃) ₂ , RbInTe ₃ O ₈ , and CsInTe ₃ O ₈ . <i>Inorganic Chemistry</i> , 2014, 53, 11328-11334.	4.0	32
86	Powder second-harmonic generation study of (K ₂ O) ₁₅ (Nb ₂ O ₅) ₁₅ (TeO ₂) ₇₀ glass ceramic. <i>Applied Physics Letters</i> , 2004, 85, 938-939.	3.3	31
87	Chemical compatibility, redox behavior, and electrochemical performance of Nd _{1-x} Sr _x CoO ₃ cathodes based on Ce _{1.9} Gd _{0.1} O _{1.95} for intermediate-temperature solid oxide fuel cells. <i>Electrochimica Acta</i> , 2012, 81, 217-223.	5.2	31
88	Structure-Property Relationships in Solid Solutions of Noncentrosymmetric Aurivillius Phases, Bi _{4-x} LaxTi ₃ O ₁₂ (x = 0-0.75). <i>Inorganic Chemistry</i> , 2012, 51, 10402-10407.	4.0	30
89	Layered Bismuth Oxyfluoride Nitrates Revealing Large Second-Harmonic Generation and Photocatalytic Properties. <i>Inorganic Chemistry</i> , 2019, 58, 2183-2190.	4.0	30
90	Recent Advances in Oxide-based Nonlinear Optical Materials with Wide Infrared Transparency Beyond 6 μm. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3709-3716.	3.3	30

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91	Sr ₂ [C ₆ H ₃ (CO ₂) ₃ (NO ₃)]·DMF: One-Dimensional Nano-Channel in a New Non-Centrosymmetric Strontium-Organic Framework with High Thermal Stability. <i>Crystal Growth and Design</i> , 2011, 11, 2698-2701.	3.0	29
92	Second-harmonic generation (SHG) and photoluminescence properties of noncentrosymmetric (NCS) layered perovskite solid solutions, CsBi _{1-x} Eu _x Nb ₂ O ₇ (x = 0, 0.1, and 0.2). <i>Journal of Materials Chemistry C</i> , 2015, 3, 5625-5630.	5.5	29
93	Hexagonal tungsten oxide nanoflowers as enzymatic mimetics and electrocatalysts. <i>Scientific Reports</i> , 2017, 7, 40928.	3.3	29
94	Reaction of an (Alkyl)(alkenyl)(alkynyl)iridium(III) Complex with HCl: An Intramolecular C-C Bond Formation from Alkyl, Alkenyl, and Alkynyl Groups Coordinated to Ir(CO)(PPh ₃) ₂ : H/D Exchange between CH ₃ and DCl. <i>Organometallics</i> , 1999, 18, 4810-4816.	2.3	27
95	Anionic templating in a new layered bismuth tellurium oxychloride, Bi ₃ Te ₄ O ₁₀ Cl ₅ . <i>Dalton Transactions</i> , 2010, 39, 6037.	3.3	27
96	From Pincers to Steps: Synthesis, Structure, Characterization, and Transformation of a New Helical Calcium-Organic Framework, Ca[NC ₅ H ₃ (CO ₂) ₂] ₂ (H ₂ O) _{1.5} . <i>Crystal Growth and Design</i> , 2011, 11, 930-932.	3.0	27
97	Cation Size Effect on the Framework Structures in a Series of New Alkali-Metal Indium Selenites, Aln(SeO ₃) ₂ (A = Na, K, Rb, and Cs). <i>Inorganic Chemistry</i> , 2012, 51, 8530-8537.	4.0	27
98	Li ₆ M(SeO ₃) ₄ (M = Co, Ni, and Cd) and Li ₂ Zn(SeO ₃) ₂ : Selenites with Late Transition-Metal Cations. <i>Inorganic Chemistry</i> , 2018, 57, 3465-3473.	4.0	27
99	Synthesis, characterization and dielectric properties of new unidimensional quaternary tellurites: LaTeNbO ₆ , La ₄ Te ₆ Nb ₂ O ₂₃ , and La ₄ Te ₆ Ta ₂ O ₂₃ . <i>Journal of Solid State Chemistry</i> , 2003, 175, 264-271.	2.9	26
100	K ₂ Sb(P ₂ O ₇)F: Cairo Pentagonal Layer with Bifunctional Genes Reveal Optical Performance. <i>Angewandte Chemie</i> , 2020, 132, 21337-21342.	2.0	26
101	Pb ₁₈ O ₈ Cl ₁₅ I ₅ : A Polar Lead Mixed Oxyhalide with Unprecedented Architecture and Excellent Infrared Nonlinear Optical Properties. <i>Angewandte Chemie</i> , 2020, 132, 20503-20507.	2.0	26
102	CAU-1 and CAU-2: New tubular alkali metal-organic framework materials, A ₃ [C ₆ H ₃ (CO ₂)(CO ₂ H _{0.5})(CO ₂ H)] ₂ (A = K or Rb). <i>CrystEngComm</i> , 2010, 12, 1481.	2.6	25
103	Structural, electrical and electrochemical characteristics of La _{0.1} Sr _{0.9} Co _{1-x} Nb _x O ₃ as a cathode material for intermediate temperature solid oxide fuel cells. <i>RSC Advances</i> , 2014, 4, 18710-18717.	3.6	25
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