

Kang Min Ok

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245
papers

8,898
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h-index

87
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326
ext. papers

10,267
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
245	Bulk characterization methods for non-centrosymmetric materials: second-harmonic generation, piezoelectricity, pyroelectricity, and ferroelectricity. <i>Chemical Society Reviews</i> , 2006 , 35, 710-7	58.5	685
244	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, 7764-5	16.4	398
243	Toward the Rational Design of Novel Noncentrosymmetric Materials: Factors Influencing the Framework Structures. <i>Accounts of Chemical Research</i> , 2016 , 49, 2774-2785	24.3	328
242	Structural modulation of molybdenyl iodate architectures by alkali metal cations in AMoO ₃ (IO ₃) (A = K, Rb, Cs): a facile route to new polar materials with large SHG responses. <i>Journal of the American Chemical Society</i> , 2002 , 124, 1951-7	16.4	280
241	Distortions in Octahedrally Coordinated d ⁰ Transition Metal Oxides: A Continuous Symmetry Measures Approach. <i>Chemistry of Materials</i> , 2006 , 18, 3176-3183	9.6	278
240	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, 2426-7	16.4	252
239	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, 6865-73	16.4	231
238	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, 12078-82	16.4	227
237	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	9.6	200
236	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	9.6	183
235	CsSbF SO : An Excellent Ultraviolet Nonlinear Optical Sulfate with a KTiOPO (KTP)-type Structure. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6528-6534	16.4	179
234	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, 5489-91	16.4	152
233	Rb VO(O) CO : A Four-in-One Carbonatoperoxovanadate Exhibiting an Extremely Strong Second-Harmonic Generation Response. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8619-8622	16.4	140
232	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	9.6	129
231	TOF-2: a large 1D channel thorium organic framework. <i>Journal of the American Chemical Society</i> , 2008 , 130, 3762-3	16.4	123
230	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	3.3	109
229	New Polar Oxides: Synthesis, Characterization, Calculations, and Structure-Property Relationships in RbSe ₂ V ₃ O ₁₂ and TlSe ₂ V ₃ O ₁₂ . <i>Chemistry of Materials</i> , 2009 , 21, 1654-1662	9.6	107

228	Mixed-metal tellurites: synthesis, structure, and characterization of Na _{1.4} Nb ₃ Te _{4.9} O ₁₈ and NaNb ₃ Te ₄ O ₁₆ . <i>Inorganic Chemistry</i> , 2005 , 44, 3919-25	5.1	106
227	Hydrothermal preparation, structures, and NLO properties of the rare earth molybdenyl iodates, RE(MoO ₂)(IO ₃) ₄ (OH) [RE = Nd, Sm, Eu]. <i>Inorganic Chemistry</i> , 2003 , 42, 457-62	5.1	103
226	New metal iodates: syntheses, structures, and characterizations of noncentrosymmetric La(IO ₃) ₃ and NaY ₁₄ O ₁₂ and Centrosymmetric beta-Cs ₂ I ₄ O ₁₁ and Rb ₂ I ₆ O ₁₅ (OH) ₂ .H ₂ O. <i>Inorganic Chemistry</i> , 2005 , 44, 9353-9	5.1	102
225	Novel ultraviolet (UV) nonlinear optical (NLO) materials discovered by chemical substitution-oriented design. <i>Chemical Science</i> , 2020 , 11, 5404-5409	9.4	101
224	Bi(2)TeO(5): synthesis, structure, and powder second harmonic generation properties. <i>Inorganic Chemistry</i> , 2001 , 40, 1978-80	5.1	100
223	Pb ₂ BO ₃ Cl: A Tailor-Made Polar Lead Borate Chloride with Very Strong Second Harmonic Generation. <i>Angewandte Chemie</i> , 2016 , 128, 12257-12261	3.6	96
222	Structure and physical properties of the polar oxysulfide CaZnOS. <i>Inorganic Chemistry</i> , 2007 , 46, 2571-4	5.1	91
221	CsVO(O)CO: an exceptionally thermostable carbonatoperoxovanadate with an extremely large second-harmonic generation response. <i>Chemical Science</i> , 2018 , 9, 8957-8961	9.4	90
220	Influence of the cation size on the framework structures and space group centricities in AMo ₂ O ₅ (SeO ₃) ₂ (A = Sr, Pb, and Ba). <i>Inorganic Chemistry</i> , 2012 , 51, 5393-9	5.1	81
219	Directed Synthesis of Noncentrosymmetric Molybdates. <i>Crystal Growth and Design</i> , 2005 , 5, 1913-1917	3.5	81
218	Syntheses, Structures, Second-Harmonic Generating, and Ferroelectric Properties of Tungsten Bronzes: A ₆ M ₂ MBO ₃₀ (A = Sr ²⁺ , Ba ²⁺ , or Pb ²⁺ ; M = Ti ⁴⁺ , Zr ⁴⁺ , or Hf ⁴⁺ ; M ₂ = Nb ⁵⁺ or Ta ⁵⁺). <i>Chemistry of Materials</i> , 2004 , 16, 3616-3622	9.6	80
217	New noncentrosymmetric tellurite phosphate material: synthesis, characterization, and calculations of Te ₂ O(PO ₄) ₂ . <i>Inorganic Chemistry</i> , 2010 , 49, 7028-34	5.1	79
216	Synthesis, structure, and characterization of two new layered mixed-metal phosphates, BaTeMO ₄ (PO ₄) (M = Nb ⁵⁺ or Ta ⁵⁺). <i>Inorganic Chemistry</i> , 2004 , 43, 964-8	5.1	76
215	New quaternary tellurite and selenite: synthesis, structure, and characterization of centrosymmetric InVTe ₂ O ₈ and noncentrosymmetric InVSe ₂ O ₈ . <i>Inorganic Chemistry</i> , 2011 , 50, 4473-80	5.1	75
214	New layered uranium phosphate fluorides: syntheses, structures, characterizations, and ion-exchange properties of A(UO ₂)F(HPO ₄).xH ₂ O (A = Cs ⁺ , Rb ⁺ , K ⁺ ; x = 0-1). <i>Inorganic Chemistry</i> , 2006 , 45, 10207-14	5.1	73
213	Directed synthesis of noncentrosymmetric molybdates using composition space analysis. <i>Inorganic Chemistry</i> , 2006 , 45, 5529-37	5.1	68
212	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	16.4	66
211	Controlled aqueous synthesis of ultra-long copper nanowires for stretchable transparent conducting electrode. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 1441-1447	7.1	65

210	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, 4248-53	5.1	65
209	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	9.6	60
208	K Sb(P O)F: Cairo Pentagonal Layer with Bifunctional Genes Reveal Optical Performance. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 21151-21156	16.4	60
207	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	6.8	58
206	From linear inorganic chains to helices: chirality in the M(py _z)(H ₂ O) ₂ MoO ₂ F ₄ (M = Zn, Cd) compounds. <i>Inorganic Chemistry</i> , 2002 , 41, 4852-8	5.1	58
205	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, 8511-7	5.1	57
204	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	3.6	56
203	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, 2263-71	5.1	56
202	New alkali-metal gallium selenites, AGa(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, 5176-84	5.1	54
201	ACdCO ₃ F (A = K and Rb): new noncentrosymmetric materials with remarkably strong second-harmonic generation (SHG) responses enhanced via interaction. <i>RSC Advances</i> , 2015 , 5, 84754-84761	2.7	53
200	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	2.6	51
199	Noncentrosymmetric YVSe ₂ O ₈ and centrosymmetric YVTe ₂ O ₈ : macroscopic centricities influenced by the size of lone pair cation linkers. <i>Inorganic Chemistry</i> , 2014 , 53, 1250-6	5.1	51
198	Synthesis, structure, and characterization of a new thorium-organic framework material, Th ₃ F ₅ [(C ₁₀ H ₁₄)(CH ₂ CO ₂) ₂] ₃ (NO ₃). <i>Dalton Transactions</i> , 2008 , 5560-2	4.3	51
197	Pb O Cl I : A Polar Lead Mixed Oxyhalide with Unprecedented Architecture and Excellent Infrared Nonlinear Optical Properties. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20323-20327	16.4	49
196	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	2.3	49
195	New noncentrosymmetric material--[N(CH ₃) ₄]ZnCl ₃ : polar chains of aligned ZnCl ₄ tetrahedra. <i>Inorganic Chemistry</i> , 2009 , 48, 8376-82	5.1	48
194	Na ₂ Mg _{1-x} Zn _x 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	1.2	48
193	New Tellurites: Syntheses, Structures, and Characterization of K ₂ Te ₄ O ₉ ·2H ₂ O, KGaTe ₆ O ₁₄ , and KGaTe ₂ O ₆ ·8H ₂ O. <i>Chemistry of Materials</i> , 2001 , 13, 4278-4284	9.6	47

192	Influence of Ca-doping in layered perovskite PrBaCo ₂ O ₅ on the phase transition and cathodic performance of a solid oxide fuel cell. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 6479-6486	13	45
191	Functional layered materials with heavy metal lone pair cations, Pb, Bi, and Te. <i>Chemical Communications</i> , 2019 , 55, 12737-12748	5.8	45
190	Effect of the framework flexibility on the centricities in centrosymmetric In ₂ Zn(SeO ₃) ₄ and noncentrosymmetric Ga ₂ Zn(TeO ₃) ₄ . <i>Inorganic Chemistry</i> , 2012 , 51, 7844-50	5.1	44
189	SbSb _x M _{1-x} O ₄ (M=NbV or TaV): Solid Solution Behavior and Second-Harmonic Generating Properties. <i>Journal of Solid State Chemistry</i> , 2001 , 161, 57-62	3.3	42
188	A kinetic study of the phase conversion of layered cobalt hydroxides. <i>Journal of Materials Chemistry</i> , 2008 , 18, 4450		41
187	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).3H ₂ O. <i>Inorganic Chemistry</i> , 2006 , 45, 3602-5	5.1	41
186	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). <i>Inorganic Chemistry</i> , 2013 , 52, 4097-103	5.1	40
185	Regio- and Stereoselective C≡C Bond Formation between Alkynes: Synthesis of Linear Dienynes from Alkynes. <i>Organometallics</i> , 2002 , 21, 4785-4793	3.8	40
184	Strong second harmonic generation (SHG) originating from combined second-order Jahn-Teller (SOJT) distortive cations in a new noncentrosymmetric tellurite, InNb(TeO ₄) ₂ . <i>Inorganic Chemistry</i> , 2014 , 53, 5240-5	5.1	39
183	Two New Non-centrosymmetric n = 3 Layered Dion-Jacobson Perovskites: Polar RbBi ₂ Ti ₂ NbO ₁₀ and Nonpolar CsBi ₂ Ti ₂ TaO ₁₀ . <i>Chemistry of Materials</i> , 2016 , 28, 2424-2432	9.6	38
182	Rb ₃ VO(O ₂) ₂ CO ₃ : A Four-in-One Carbonatoperoxovanadate Exhibiting an Extremely Strong Second-Harmonic Generation Response. <i>Angewandte Chemie</i> , 2018 , 130, 8755-8758	3.6	38
181	Variable framework structures and centricities in alkali metal yttrium selenites, AY(SeO ₃) ₂ (A = Na, K, Rb, and Cs). <i>Inorganic Chemistry</i> , 2014 , 53, 4756-62	5.1	38
180	PbMSeO ₆ (M = Mo and W): new quaternary mixed metal selenites with asymmetric cationic coordination environments. <i>Dalton Transactions</i> , 2012 , 41, 2995-3000	4.3	35
179	Anionic templating: synthesis, structure, and characterization of novel three-dimensional mixed-metal oxychlorides Te(4)M(3)O(15).Cl (M = Nb(5+) or Ta(5+)). <i>Inorganic Chemistry</i> , 2002 , 41, 3805-7	5.1	33
178	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, 11328-34	5.1	31
177	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, 8348-53	4.3	31
176	Lone pairs as chemical scissors in new antimony oxychlorides, Sb ₂ ZnO ₃ Cl ₂ and Sb ₁₆ Cd ₈ O ₂₅ Cl ₁₄ . <i>Inorganic Chemistry</i> , 2010 , 49, 2990-5	5.1	31
175	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	9.6	31

174	[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		31
173	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	30
172	Synthesis, structure, and characterization of a new one-dimensional tellurite phosphate, Ba ₂ TeO(PO ₄) ₂ . <i>Journal of Solid State Chemistry</i> , 2006 , 179, 1345-1350	3.3	30
171	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</i> , 2004 , 116, 5605-5607	3.6	30
170	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, 5032-8	5.1	29
169	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, 7040-6	5.1	29
168	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	3.4	29
167	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, 11450-6	5.1	28
166	Hexagonal tungsten oxide nanoflowers as enzymatic mimetics and electrocatalysts. <i>Scientific Reports</i> , 2017 , 7, 40928	4.9	27
165	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	3.5	27
164	From Pincers to Steps: Synthesis, Structure, Characterization, and Transformation of a New Helical Calcium Organic Framework, Ca[NC ₅ H ₃ (CO ₂) ₂](H ₂ O) _{1.5} . <i>Crystal Growth and Design</i> , 2011 , 11, 930-932	3.5	27
163	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, 8530-7	5.1	26
162	Anionic templating in a new layered bismuth tellurium oxychloride, Bi ₃ Te ₄ O ₁₀ Cl ₅ . <i>Dalton Transactions</i> , 2010 , 39, 6037-42	4.3	26
161	[(<i>l</i>)-CHN][BiBr] and [(<i>l</i>)-CHN][BiBr]: Chiral Hybrid Bismuth Bromides Templated by Chiral Organic Cations. <i>ACS Omega</i> , 2018 , 3, 17895-17903	3.9	26
160	LiM(SeO) (M = Co, Ni, and Cd) and LiZn(SeO): Selenites with Late Transition-Metal Cations. <i>Inorganic Chemistry</i> , 2018 , 57, 3465-3473	5.1	25
159	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	6.7	25
158	Reaction of an (Alkyl)(alkenyl)(alkynyl)iridium(III) Complex with HCl: 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	3.8	25
157	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, 6286-93	5.1	25

156	CAU-1 and CAU-2: New tubular alkali metal-organic framework materials, $A_3[C_6H_3(CO_2)(CO_2H_{0.5})(CO_2H)]_2$ (A = K or Rb). <i>CrystEngComm</i> , 2010 , 12, 1481	3-3	24
155	Structure-property relationships in solid solutions of noncentrosymmetric Aurivillius phases, $Bi_{4-x}La_xTi_3O_{12}$ (x = 0-0.75). <i>Inorganic Chemistry</i> , 2012 , 51, 10402-7	5-1	23
154	Synthesis, characterization and dielectric properties of new unidimensional quaternary tellurites: $LaTeNbO_6$, $La_4Te_6Nb_2O_{23}$, and $La_4Te_6Ta_2O_{23}$. <i>Journal of Solid State Chemistry</i> , 2003 , 175, 264-271	3-3	23
153	Structural, electrical and electrochemical characteristics of $La_{0.1}Sr_{0.9}Co_{1-x}Nb_xO_{3-\delta}$ as a cathode material for intermediate temperature solid oxide fuel cells. <i>RSC Advances</i> , 2014 , 4, 18710-18717	3-7	22
152	Preparation of $CuGaS_2$ thin films by two-stage MOCVD method. <i>Solar Energy Materials and Solar Cells</i> , 2008 , 92, 1311-1314	6-4	22
151	Second-harmonic generation (SHG) and photoluminescence properties of noncentrosymmetric (NCS) layered perovskite solid solutions, $CsBi_{1-x}Eu_xNb_2O_7$ (x = 0, 0.1, and 0.2). <i>Journal of Materials Chemistry C</i> , 2015 , 3, 5625-5630	7-1	21
150	Lead Mixed Oxyhalides Satisfying All Fundamental Requirements for High-Performance Mid-Infrared Nonlinear Optical Materials. <i>Angewandte Chemie</i> , 2020 , 132, 7584-7590	3-6	21
149	Layered Bismuth Oxyfluoride Nitrates Revealing Large Second-Harmonic Generation and Photocatalytic Properties. <i>Inorganic Chemistry</i> , 2019 , 58, 2183-2190	5-1	21
148	$Bi_3(SeO_3)_3(Se_2O_5)F$: A Polar Bismuth Selenite Fluoride with Polyhedra of Highly Distortive Lone Pair Cations and Strong Second-Harmonic Generation Response. <i>Chemistry of Materials</i> , 2020 , 32, 7318-7326	9-6	20
147	Synthesis, characterization, and electrochemical performance of V-doped Li_2MnSiO_4/C composites for Li-ion battery. <i>Materials Letters</i> , 2016 , 164, 270-273	3-3	20
146	Time-resolved in situ neutron diffraction under supercritical hydrothermal conditions: a study of the synthesis of $KTiOPO_4$. <i>Journal of the American Chemical Society</i> , 2012 , 134, 17889-91	16-4	20
145	Effect of polarizable lone pair cations on the second-harmonic generation (SHG) properties of noncentrosymmetric (NCS) $Bi_{2-x}Y_xTeO_7$ (x = 0-0.2). <i>Dalton Transactions</i> , 2014 , 43, 11752-8	4-3	19
144	$K_2Sb(P_2O_7)F$: Cairo Pentagonal Layer with Bifunctional Genes Reveal Optical Performance. <i>Angewandte Chemie</i> , 2020 , 132, 21337-21342	3-6	19
143	Photoconversion Mechanisms and the Origin of Second-Harmonic Generation in Metal Iodates with Wide Transparency, $NaLn(IO)$ (Ln = La, Ce, Sm, and Eu) and $NaLa(IO):Ln$ (Ln = Sm and Eu). <i>Inorganic Chemistry</i> , 2017 , 56, 6973-6981	5-1	18
142	Rich structural chemistry in new alkali metal yttrium tellurites: three-dimensional frameworks of $NaYTe_4O_{10}$, $KY(TeO_3)_2$, $RbY(TeO_3)_2$, and a novel variant of hexagonal tungsten bronze, $CsYTe_3O_8$. <i>Inorganic Chemistry</i> , 2015 , 54, 389-95	5-1	18
141	A new layered indium selenium oxychloride material: Synthesis, structure, and characterization of $InSeO_3Cl$. <i>Solid State Sciences</i> , 2010 , 12, 2036-2041	3-4	18
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139	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	16-4	17

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