

Yuandong Wu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Breaking through the ≈ 3.0 eV wall of energy band gap in mid-infrared nonlinear optical rare earth chalcogenides by charge-transfer engineering. <i>Materials Horizons</i> , 2021, 8, 2330-2334.	12.2	96
2	$\text{LiGaGe}_2\text{S}_6$: A Chalcogenide with Good Infrared Nonlinear Optical Performance and Low Melting Point. <i>Inorganic Chemistry</i> , 2017, 56, 13267-13273.	4.0	51
3	Design and synthesis of a nonlinear optical material BaAl_4S_7 with a wide band gap inspired from SrB_4O_7 . <i>Journal of Materials Chemistry C</i> , 2018, 6, 2684-2689.	5.5	51
4	Rational design of a new chalcogenide with good infrared nonlinear optical performance: SrZnSnS_4 . <i>Journal of Materials Chemistry C</i> , 2019, 7, 8556-8561.	5.5	41
5	High performance $\text{Na}_3\text{V}_2(\text{PO}_4)_3/\text{C}$ composite electrode for sodium-ion capacitors. <i>Ionics</i> , 2015, 21, 2633-2638.	2.4	27
6	SrZnSnSe_4 : A quaternary selenide with large second harmonic generation and birefringence. <i>Journal of Alloys and Compounds</i> , 2022, 904, 163944.	5.5	24
7	Synthesis and electrochemical performance of $\text{NiO}/\text{Fe}_3\text{O}_4/\text{rGO}$ as anode material for lithium ion battery. <i>Ionics</i> , 2020, 26, 3831-3840.	2.4	23
8	Mn-Based tin sulfide $\text{Sr}_3\text{MnSn}_2\text{S}_8$ with a wide band gap and strong nonlinear optical response. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1146-1150.	5.5	22
9	$\text{Rb}_{10}\text{Zn}_4\text{Sn}_4\text{S}_{17}$: A Chalcogenide with Large Laser Damage Threshold Improved from the Mn-Based Analogue. <i>Inorganic Chemistry</i> , 2019, 58, 15029-15033.	4.0	21
10	Wide band gap design of new chalcogenide compounds: KSrPS_4 and CsBaAsS_4 . <i>RSC Advances</i> , 2017, 7, 38044-38051.	3.6	20
11	$\text{As}_2\text{S}_2(\text{SO}_4)_2(\text{PO}_4)$ ($\text{A} = \text{Tj, ET, Q, q, l, 1, 0.784314, rg, BT, /Overlock, 10, T, 5$) Anions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 343-349.	1.2	16
12	The structure and band gap design of high Si doping level $\text{Ag}_{1-x}\text{Ga}_x\text{SixSe}_2$ ($x=1/2$). <i>Journal of Solid State Chemistry</i> , 2016, 238, 21-24.	2.9	16
13	Microwave-assisted synthesis of $\text{Cu}_2\text{O}_4 \cdot x\text{H}_2\text{O}$ for anode materials in lithium-ion batteries with a high capacity. <i>Ionics</i> , 2020, 26, 33-42.	2.4	14
14	Hydrothermal synthesis, crystal structures, and optical properties of $\text{H}[\text{Bi}_3\text{O}(\text{Te}_3\text{O}_9)](\text{NO}_3)_2$ and $[\text{Bi}_2(\text{TeO}_3)_2](\text{SO}_4)$. <i>Journal of Alloys and Compounds</i> , 2017, 702, 410-417.	5.5	13
15	Synthesis, Structure, and Optical Properties of $\text{BiCu}_2(\text{TeO}_3)(\text{SO}_4)(\text{OH})_3$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 568-572.	1.2	12
16	Rare Earth Metal Polytellurides $\text{RE}_{1.8}\text{Te}_2$ ($\text{RE} = \text{Gd, Tb, Dy}$) Directed Synthesis, Crystal and Electronic Structures, and Bonding Features. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1886-1896.	1.2	12
17	NaTePO_5 , SrTeP_2O_8 and $\text{Ba}_2\text{TeP}_2\text{O}_9$: Three tellurite-phosphates with large birefringence. <i>Journal of Alloys and Compounds</i> , 2021, 854, 157243.	5.5	12
18	Synthesis, crystal structures of $\text{Asb}(\text{SO}_4)_2$ ($\text{A} = \text{K, Cs}$). <i>Solid State Sciences</i> , 2015, 50, 52-57.	3.2	11

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19	Two fluorophore compounds based on 1, 8-naphthalimide: Synthesis, crystal structure, and optical properties. <i>Journal of Molecular Structure</i> , 2019, 1193, 131-140.	3.6	11
20	A ₂ (TeO) ₂ P ₂ O ₇ (A = K, Rb, Cs): Three new tellurite-pyrophosphates with large birefringence. <i>Journal of Alloys and Compounds</i> , 2021, 865, 158785.	5.5	11
21	Hydrothermal synthesis, structures and optical properties of A ₂ Zn ₃ (SeO ₃) ₄ ·XH ₂ O (A = Li, Na, K; X = 2 or 1). <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 377 Td (C₂ × 2 × 4)</i>	2.9	10
22	One-pot solvothermal synthesis of CoNi ₂ S ₄ /reduced graphene oxide (rGO) nanocomposites as anode for sodium-ion batteries. <i>Ionics</i> , 2020, 26, 213-221.	2.4	9
23	Rational Band Design in Metal Chalcogenide Ba ₆ Zn ₆ HfS ₁₄ : Splitting Orbitals, Narrowing the Forbidden Gap, and Boosting Photocatalyst Properties. <i>Crystal Growth and Design</i> , 2019, 19, 193-199.	3.0	5
24	Synthesis, Crystal Structures, Spectroscopic Characterization, and Thermal Analyses of the New Bismuth Sulfates NaBi(SO ₄) ₂ ·H ₂ O and ABi(SO ₄) ₂ (A = K, Rb, Cs). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1688-1695.	1.2	5
25	Facile synthesis and electrochemical performance of a copper-doped anode material Cu _{0.5} Ni _{0.5} Co ₂ O ₄ for lithium-ion batteries. <i>Ionics</i> , 2021, 27, 2803-2812.	2.4	5
26	Synthesis, Crystal Structures, and Optical Properties of A ₂ M ₂ (OH)(SeO ₃) ₂ (A = Na, Rb; M = Mg, Zn). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1953-1958.	1.2	4
27	The in situ formation of a Cu(II) mesoionic complex via unexpected ring closure and investigation of its magnetic properties. <i>Journal of Molecular Structure</i> , 2018, 1156, 30-33.	3.6	4
28	Synthesis, Crystal Structures, and Properties of (4,4'-bipy) ₂ [Sn ₂ (C ₂ O ₄) ₃] and (4,4'-bipy) _m [Sn ₂ (C ₂ O ₄) ₃] (X =) <i>Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 377 Td (C₂ × 2 × 4)</i>		
29	Synthesis, Crystal Structures, and Thermal Analyses of Two New Antimony Tellurite Sulfates: [Sb ₂ (TeO ₄)](SO ₄) and [Sb ₂ (TeO ₃) ₂](SO ₄). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1269-1276.	1.2	4
30	Hydrothermal Synthesis and Crystal Structures of Na ₂ Be ₃ (SeO ₃) ₄ ·H ₂ O and Cs ₂ [Mg(H ₂ O) ₆] ₃ (SeO ₃) ₄ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1082-1087.	1.2	2
31	Hybrid Inorganic-Organic Frameworks: Synthesis and Crystal Structures of RbFe(SO ₄)(C ₂ O ₄) _{0.5} ·H ₂ O and CsM(SO ₄)(C ₂ O ₄) _{0.5} ·H ₂ O (M =) <i>Tj ETQq1 1 0.784314</i>	1.2	1
32	Microwave-assisted Synthesis, Crystal Structures, and Thermal Stability of C ₁₁ H ₁₀ N ₂ Cu ₂ Br ₃ and C ₂₂ H ₂₀ N ₄ Cu ₈ I ₁₀ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1754-1759.	1.2	1
33	New quaternary sulfide LiGaSiS ₄ : Synthesis, structure and optical properties. <i>Journal of Solid State Chemistry</i> , 2022, , 123230.	2.9	0