

Qian Huang

List of Publications by Year in descending order

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24
papers

491
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1040056

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinearity in mass spectrometry for quantitative multi-component gas analysis in reaction processes. <i>Analytica Chimica Acta</i> , 2022, 1194, 339412.	5.4	1
2	Reconstruction of thermodynamic equation of reaction process and its application in DSC/DTA. <i>Chemical Thermodynamics and Thermal Analysis</i> , 2022, 6, 100040.	1.5	2
3	Investigation on foaming and secondary reactions with a novel visual equipment and impacts on thermal analysis. <i>Thermochimica Acta</i> , 2021, 703, 179014.	2.7	1
4	Synthesis, Crystal Structure, and Optical Properties of the First Alkali Metal Rare-Earth Iodate Fluoride: $\text{Li}_2\text{Ce}(\text{IO}_3)_4\text{F}_2$. <i>Crystal Growth and Design</i> , 2020, 20, 2135-2140.	3.0	15
5	Synthesis, single crystal structure, optical, and magnetic properties of mixed-alkali-metal terbium borate $\text{Rb}_2\text{LiTbB}_2\text{O}_6$. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 6288-6294.	2.2	0
6	Lead-Free Tin(IV)-Based Organic-Inorganic Metal Halide Hybrids with Excellent Stability and Blue-Broadband Emission. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1808-1813.	4.6	82
7	ASbF_3Cl (A = Rb, Cs): Structural Evolution from Centrosymmetry to Noncentrosymmetry. <i>Crystal Growth and Design</i> , 2019, 19, 1874-1879.	3.0	8
8	$\text{Cs}_3\text{Na}(\text{H}_2\text{C}_3\text{N}_3\text{O}_3)_4 \cdot 3\text{H}_2\text{O}$: A Mixed Alkali-Metal Hydroisocyanurate Nonlinear Optical Material Containing I^- -Conjugated Six-Membered-Ring Units. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2789-2789.	2.0	1
9	$\text{KNa}_4\text{B}_2\text{P}_3\text{O}_{13}$: A Deep-Ultraviolet Transparent Borophosphate Exhibiting Second-Harmonic Generation Response. <i>Inorganic Chemistry</i> , 2019, 58, 8918-8921.	4.0	19
10	Investigations in the recrystallization of evolved gases from pyrolysis process of melamine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 3897-3903.	3.6	8
11	Deep-ultraviolet nonlinear optical crystal $\text{NaBe}_2\text{BO}_3\text{F}_2$ —Structure, growth and optical properties. <i>Journal of Crystal Growth</i> , 2019, 518, 45-50.	1.5	17
12	A novel perspective of dolomite decomposition: Elementary reactions analysis by thermogravimetric mass spectrometry. <i>Thermochimica Acta</i> , 2019, 676, 47-51.	2.7	18
13	$\text{Cs}_3\text{Na}(\text{H}_2\text{C}_3\text{N}_3\text{O}_3)_4 \cdot 3\text{H}_2\text{O}$: A Mixed Alkali-Metal Hydroisocyanurate Nonlinear Optical Material Containing I^- -Conjugated Six-Membered-Ring Units. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2791-2795.	2.0	49
14	Quantitative Study on Adsorption and Regeneration Characteristics of Activated Coke Using Equivalent Characteristic Spectrum Analysis. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 5080-5086.	3.7	7
15	$\text{Pb}_2\text{GaF}_2(\text{SeO}_3)_2\text{Cl}$: Band Engineering Strategy by Aliovalent Substitution for Enlarging Bandgap while Keeping Strong Second Harmonic Generation Response. <i>Journal of the American Chemical Society</i> , 2019, 141, 748-752.	13.7	135
16	Quantitative Analysis by Thermogravimetry-Mass Spectrum Analysis for Reactions with Evolved Gases. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	1
17	Synthesis, Structure, and Properties of the Non-Centrosymmetric Compound $\text{LiNaRbB}_5\text{O}_8(\text{OH})_2$. <i>Crystal Growth and Design</i> , 2018, 18, 5745-5749.	3.0	2
18	Structure and Characterization of a Zero-Dimensional Alkali Tin Dihalides Compound $\text{Cs}_3\text{Sn}_3\text{F}_2\text{Cl}_7$ with the $[\text{Sn}_2\text{F}_2\text{Cl}_4]^{2+}$ Clusters. <i>Inorganic Chemistry</i> , 2017, 56, 3081-3086.	4.0	9

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19	Two KBBF-Type Beryllium Borates $M\text{Be}_2\text{B}_2\text{O}_6$ (M = Sr, Ba) with a Three-Dimensional $(\text{Be}_2\text{B}_2\text{O}_6)_\infty$ Network. <i>Inorganic Chemistry</i> , 2017, 56, 12090-12093.	4.0	8
20	Structural Design of Two Fluorine-Containing Beryllium Borates $\text{BaMBe}_2(\text{BO}_3)_2\text{F}_2$ (M = Mg, Ca) Containing Flexible Two-Dimensional $[\text{Be}_3\text{B}_3\text{O}_6\text{F}_3]_\infty$ Single Layers without Structural Instability Problems. <i>Inorganic Chemistry</i> , 2017, 56, 11451-11454.	4.0	9
21	Structure and Optical Properties of $\text{K}_0.67\text{Rb}_{1.33}\text{Al}_2\text{B}_2\text{O}_7$ Crystal. <i>Crystals</i> , 2017, 7, 104.	2.2	3
22	Beryllium-Free KBBF Family of Nonlinear-Optical Crystals: $\text{AZn}_2\text{BO}_3\text{X}_2$ (A = Na, K, Rb; X = Cl, Br). <i>Inorganic Chemistry</i> , 2016, 55, 12496-12499.	4.0	55
23	Crystal growth, structure and optical properties of a new acentric crystal $\text{La}_2\text{Al}_{4.68}\text{B}_8\text{O}_{22}$ with a short UV absorption edge. <i>New Journal of Chemistry</i> , 2016, 40, 4870-4873.	2.8	3
24	$\text{Be}_2\text{BO}_3\text{F}$: A Phase of Beryllium Fluoride Borate Derived from $\text{KBe}_2\text{BO}_3\text{F}$ with Short UV Absorption Edge. <i>Inorganic Chemistry</i> , 2016, 55, 6586-6591.	4.0	36