Qian Huang

List of Publications by Year
in descending order

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24 papers	491 citations	1040056 9 h-index	677142 22 g-index
25 all docs	25 docs citations	25 times ranked	387 citing authors

#	Article	IF	Citations
1	Pb₂GaF₂(SeO₃)₂Cl: Band Engineering Strategy by Aliovalent Substitution for Enlarging Bandgap while Keeping Strong Second Harmonic Generation Response. Journal of the American Chemical Society, 2019, 141, 748-752.	13.7	135
2	Lead-Free Tin(IV)-Based Organicâ€“Inorganic Metal Halide Hybrids with Excellent Stability and Blue-Broadband Emission. Journal of Physical Chemistry Letters, 2020, 11, 1808-1813.	4.6	82
3	Beryllium-Free KBBF Family of Nonlinear-Optical Crystals: AZn₂BO₃X₂ (A = Na, K, Rb; X = Cl, Br). Inorganic Chemistry, 2016, 55, 12496-12499.	4.0	55
4	Cs₃Na(H₂C₃N₃O₃)₄Â·3H₂O: A Mixed Alkaliâ€Metal Hydroisocyanurate Nonlinear Optical Material Containing Ïâ€Conjugated Sixâ€Memberedâ€Ring Units. European Journal of Inorganic Chemistry, 2019, 2019, 2791-2795.	2.0	49
5	Be₂BO₃F: A Phase of Beryllium Fluoride Borate Derived from KBe₂BO₃F₂ with Short UV Absorption Edge. Inorganic Chemistry, 2016, 55, 6586-6591.	4.0	36
6	KNa₄B₂P₃O₁₃: A Deep-Ultraviolet Transparent Borophosphate Exhibiting Second-Harmonic Generation Response. Inorganic Chemistry, 2019, 58, 8918-8921.	4.0	19
7	A novel perspective of dolomite decomposition: Elementary reactions analysis by thermogravimetric mass spectrometry. Thermochimica Acta, 2019, 676, 47-51.	2.7	18
8	Deep-ultraviolet nonlinear optical crystal NaBe2BO3F2â€”Structure, growth and optical properties. Journal of Crystal Growth, 2019, 518, 45-50.	1.5	17
9	Synthesis, Crystal Structure, and Optical Properties of the First Alkali Metal Rare-Earth Iodate Fluoride: Li₂Ce(IO₃)₄F₂. Crystal Growth and Design, 2020, 20, 2135-2140.	3.0	15
10	Structure and Characterization of a Zero-Dimensional Alkali Tin Dihalides Compound Cs₃Sn₃F₂Cl₇ with the [Sn₂F₂Cl₄]^{2â€“} Clusters. Inorganic Chemistry, 2017, 56, 3081-3086.	4.0	9
11	Structural Design of Two Fluorineâ€“Beryllium Borates BaMBe₂(BO₃)₂F₂ (M = Mg, Ca) Containing Flexible Two-Dimensional [Be₃B₃O₆F₃]_{âˆž} Single Layers without Structural Instability Problems. Inorganic Chemistry, 2017, 56, 11451-11454.	4.0	9
12	Two KBBF-Type Beryllium Borates MBe₂B₂O₆ (M = Sr, Ba) with a Three-Dimensional (Be₂B₂O₆)_{âˆž} Network. Inorganic Chemistry, 2017, 56, 12090-12093.	4.0	8
13	ASbF3Cl (A = Rb, Cs): Structural Evolution from Centrosymmetry to Noncentrosymmetry. Crystal Growth and Design, 2019, 19, 1874-1879.	3.0	8
14	Investigations in the recrystallization of evolved gases from pyrolysis process of melamine. Journal of Thermal Analysis and Calorimetry, 2019, 138, 3897-3903.	3.6	8
15	Quantitative Study on Adsorption and Regeneration Characteristics of Activated Coke Using Equivalent Characteristic Spectrum Analysis. Industrial & Engineering Chemistry Research, 2019, 58, 5080-5086.	3.7	7
16	Crystal growth, structure and optical properties of a new acentric crystal La₂Al_{4.68}B₈O₂₂ with a short UV absorption edge. New Journal of Chemistry, 2016, 40, 4870-4873.	2.8	3
17	Structure and Optical Properties of K0.67Rb1.33Al2B2O7 Crystal. Crystals, 2017, 7, 104.	2.2	3
18	Synthesis, Structure, and Properties of the Non-Centrosymmeteric Compound LiNaRbB₅O₈(OH)₂. Crystal Growth and Design, 2018, 18, 5745-5749.	3.0	2

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19	Reconstruction of thermodynamic equation of reaction process and its application in DSC/DTA. Chemical Thermodynamics and Thermal Analysis, 2022, 6, 100040.	1.5	2
20	Quantitative Analysis by Thermogravimetry-Mass Spectrum Analysis for Reactions with Evolved Gases. Journal of Visualized Experiments, 2018, , .	0.3	1
21	Cs3 Na(H2 C3 N3 O3)4 Â·3H2 O: A Mixed Alkali-Metal Hydroisocyanurate Nonlinear Optical Material Containing Ï€-Conjugated Six-Membered-Ring Units. European Journal of Inorganic Chemistry, 2019, 2019, 2789-2789.	2.0	1
22	Investigation on foaming and secondary reactions with a novel visual equipment and impacts on thermal analysis. Thermochimica Acta, 2021, 703, 179014.	2.7	1
23	Nonlinearity in mass spectrometry for quantitative multi-component gas analysis in reaction processes. Analytica Chimica Acta, 2022, 1194, 339412.	5.4	1
24	Synthesis, single crystal structure, optical, and magnetic properties of mixed-alkali-metal terbium borate Rb2LiTbB2O6. Journal of Materials Science: Materials in Electronics, 2020, 31, 6288-6294.	2.2	0