

Huimin Song

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Rb ₇ SrY ₂ (B ₅ O ₁₀) ₃ : A Rare-Earth Pentaborate with Moderate Second-Harmonic Response and Interesting Phase-Matching Behavior. Inorganic Chemistry, 2019, 58, 8943-8947.	4.0	13
2	Large Magnetocaloric Effect in Li ₃ K ₉ Gd ₃ (BO ₃) ₇ Crystal Featuring Sandwich-Like Three-Dimensional Framework. Inorganic Chemistry, 2021, 60, 6796-6803.	4.0	13
3	Pressure-Driven Two-Step Second-Harmonic Generation Switching in BiOIO ₃ . Angewandte Chemie - International Edition, 2022, 61, .	13.8	13
4	A new non-centrosymmetric Gd-based borate crystal Rb ₇ SrGd ₂ (B ₅ O ₁₀) ₃ : growth, structure, and nonlinear optical and magnetic properties. Dalton Transactions, 2020, 49, 9355-9361.	3.3	12
5	Gadolinium-Rich Borate Gd _{17.33} (BO ₃) ₄ (B ₂ O ₅) ₂ O ₁₆₄ Exhibiting a Magnetocaloric Effect. Inorganic Chemistry, 2020, 59, 11071-11078.	4.0	12
6	Pressure Controls the Structure and Nonlinear Optical Properties of Piezochromic CdTeMoO ₆ . Chemistry of Materials, 2021, 33, 2929-2936.	6.7	12
7	LiGaP ₂ O ₇ : A Potential UV Nonlinear-Optical Crystal. Inorganic Chemistry, 2019, 58, 6597-6600.	4.0	10
8	Growth, Crystal Structures, and Characteristics of Li ₅ ASrMB ₁₂ O ₂₄ (A = Zn, Mg; M = Al, Ga) with [MB ₁₂ O ₂₄] Frameworks. Inorganic Chemistry, 2019, 58, 1016-1019.	4.0	10
9	Na ₃ Bi(IO ₃) ₆ : An Alkali-Metal Bismuth Iodate with Intriguing One-Dimensional [BiI ₆ O ₁₈] Chains and Pressure-Induced Structural Transition. Inorganic Chemistry, 2021, 60, 2893-2898.	4.0	10
10	Intrinsic Zero-Linear and Zero-Area Compressibilities over an Ultrawide Pressure Range within a Gear-Spring Structure. CCS Chemistry, 2022, 4, 3246-3253.	7.8	10
11	La ₂ SrB ₁₀ O ₁₉ : A Promising Ultraviolet Nonlinear Optical Crystal with an Enhanced Nonlinear Optical Effect and Shortened Cutoff Edge. Crystal Growth and Design, 2020, 20, 5626-5632.	3.0	6
12	La ₂ SrB ₈ O ₁₆ : A new rare earth borate with [B ₈ O ₂₀] ¹⁶⁻ groups exhibiting a deep ultraviolet cutoff edge. Journal of Solid State Chemistry, 2021, 298, 122126.	2.9	5
13	Two New Ferrobates with Three-Dimensional Framework and Wide Transmittance Window. European Journal of Inorganic Chemistry, 2020, 2020, 1676-1682.	2.0	2
14	Pressure-Driven Two-Step Second-Harmonic Generation Switching in BiOIO ₃ . Angewandte Chemie, 0, , .	2.0	0