

Wang Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Anion-Centered Polyhedron Strategy for Strengthening Photon Emission Induced by Electron-Phonon Coupling. <i>Inorganic Chemistry</i> , 2022, 61, 4071-4079.	4.0	12
2	Magnetocaloric effect in $\text{LiLn}_6\text{O}_5(\text{BO}_3)_3$ ($\text{Ln} = \text{Gd, Tb, Dy, and Ho}$). <i>Cryogenics</i> , 2022, 124, 103476.	1.7	10
3	Large Magnetocaloric Effect in $\text{Li}_3\text{K}_9\text{Gd}_3(\text{BO}_3)_7$ Crystal Featuring Sandwich-Like Three-Dimensional Framework. <i>Inorganic Chemistry</i> , 2021, 60, 6796-6803.	4.0	13
4	$\text{La}_2\text{SrB}_8\text{O}_{16}$: A new rare earth borate with $[\text{B}_8\text{O}_{20}]^{16-}$ groups exhibiting a deep ultraviolet cutoff edge. <i>Journal of Solid State Chemistry</i> , 2021, 298, 122126.	2.9	5
5	$\text{La}_2\text{SrB}_{10}\text{O}_{19}$: A Promising Ultraviolet Nonlinear Optical Crystal with an Enhanced Nonlinear Optical Effect and Shortened Cutoff Edge. <i>Crystal Growth and Design</i> , 2020, 20, 5626-5632.	3.0	6
6	A new non-centrosymmetric Gd-based borate crystal $\text{Rb}_7\text{SrGd}_2(\text{B}_5\text{O}_{10})_3$: growth, structure, and nonlinear optical and magnetic properties. <i>Dalton Transactions</i> , 2020, 49, 9355-9361.	3.3	12
7	Two New Ferrobates with Three-Dimensional Framework and Wide Transmittance Window. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1676-1682.	2.0	2
8	Gadolinium-Rich Borate $\text{Gd}_{17.33}(\text{BO}_3)_4(\text{B}_2\text{O}_5)_2\text{O}_{16}$ Exhibiting a Magnetocaloric Effect. <i>Inorganic Chemistry</i> , 2020, 59, 11071-11078.	4.0	12
9	$\text{Rb}_7\text{SrY}_2(\text{B}_5\text{O}_{10})_3$: A Rare-Earth Pentaborate with Moderate Second-Harmonic Response and Interesting Phase-Matching Behavior. <i>Inorganic Chemistry</i> , 2019, 58, 8943-8947.	4.0	13
10	Syntheses, crystal structures, and characterizations of three new pyrophosphates $\text{CsNaZnP}_2\text{O}_7$, $\text{RbNaZnP}_2\text{O}_7$, and $\text{RbLiMgP}_2\text{O}_7$. <i>Solid State Sciences</i> , 2019, 95, 105940.	3.2	4
11	$\text{LiCsPbP}_2\text{O}_7$: A new alkali metal lead pyrophosphate featuring two dimensional $[\text{LiP}_2\text{O}_7]^{2-}$ layer. <i>Journal of Solid State Chemistry</i> , 2019, 280, 120823.	2.9	0
12	$\text{SrI}_3\text{O}_9\text{H}$: A new alkaline earth metal iodate with two different anionic units using mild aqua-solution method. <i>Solid State Sciences</i> , 2019, 97, 105982.	3.2	5
13	LiGaP_2O_7 : A Potential UV Nonlinear-Optical Crystal. <i>Inorganic Chemistry</i> , 2019, 58, 6597-6600.	4.0	10
14	$\text{CsLiMgP}_2\text{O}_7$: A congruently melting pyrophosphate with a $[\text{LiMgP}_4\text{O}_{18}]$ 6-membered ring fundamental building block. <i>Solid State Sciences</i> , 2019, 91, 23-27.	3.2	3
15	Growth, Crystal Structures, and Characteristics of $\text{Li}_5\text{ASrMB}_{12}\text{O}_{24}$ ($\text{A} = \text{Zn, Mg; M} = \text{Al, Ga}$) with $[\text{MB}_{12}\text{O}_{24}]$ Frameworks. <i>Inorganic Chemistry</i> , 2019, 58, 1016-1019.	4.0	10