

# Wang Liu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Rb <sub>7</sub> SrY <sub>2</sub> (B <sub>5</sub> O <sub>10</sub> ) <sub>3</sub> : 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
2	Large Magnetocaloric Effect in Li <sub>3</sub> K <sub>9</sub> Gd <sub>3</sub> (BO <sub>3</sub> ) <sub>7</sub> Crystal Featuring Sandwich-Like Three-Dimensional Framework. <i>Inorganic Chemistry</i> , 2021, 60, 6796-6803.	4.0	13
3	A new non-centrosymmetric Gd-based borate crystal Rb <sub>7</sub> SrGd <sub>2</sub> (B <sub>5</sub> O <sub>10</sub> ) <sub>3</sub> : growth, structure, and nonlinear optical and magnetic properties. <i>Dalton Transactions</i> , 2020, 49, 9355-9361.	3.3	12
4	Gadolinium-Rich Borate Gd <sub>17.33</sub> (BO <sub>3</sub> ) <sub>4</sub> (B <sub>2</sub> O <sub>5</sub> ) <sub>2</sub> O <sub>16.6</sub> Exhibiting a Magnetocaloric Effect. <i>Inorganic Chemistry</i> , 2020, 59, 11071-11078.	4.0	12
5	Anion-Centered Polyhedron Strategy for Strengthening Photon Emission Induced by Electron-Phonon Coupling. <i>Inorganic Chemistry</i> , 2022, 61, 4071-4079.	4.0	12
6	LiGaP2O7: A Potential UV Nonlinear-Optical Crystal. <i>Inorganic Chemistry</i> , 2019, 58, 6597-6600.	4.0	10
7	Growth, Crystal Structures, and Characteristics of Li <sub>5</sub> ASrMB <sub>12</sub> O <sub>24</sub> (A = Zn, Mg; M = Al, Ga) with [MB <sub>12</sub> O <sub>24</sub> ] Frameworks. <i>Inorganic Chemistry</i> , 2019, 58, 1016-1019.	4.0	10
8	Magnetocaloric effect in LiLn <sub>6</sub> O <sub>5</sub> (BO <sub>3</sub> ) <sub>3</sub> (Ln = Gd, Tb, Dy, and Ho). <i>Cryogenics</i> , 2022, 124, 103476.	1.7	10
9	La <sub>2</sub> SrB <sub>10</sub> O <sub>19</sub> : 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
10	SrI <sub>3</sub> O <sub>9</sub> 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
11	La <sub>2</sub> SrB <sub>8</sub> O <sub>16</sub> : A new rare earth borate with [B <sub>8</sub> O <sub>20</sub> ] <sup>16-</sup> groups exhibiting a deep ultraviolet cutoff edge. <i>Journal of Solid State Chemistry</i> , 2021, 298, 122126.	2.9	5
12	Syntheses, crystal structures, and characterizations of three new pyrophosphates CsNaZnP <sub>2</sub> O <sub>7</sub> , RbNaZnP <sub>2</sub> O <sub>7</sub> , and RbLiMgP <sub>2</sub> O <sub>7</sub> . <i>Solid State Sciences</i> , 2019, 95, 105940.	3.2	4
13	CsLiMgP <sub>2</sub> O <sub>7</sub> : A congruently melting pyrophosphate with a [LiMgP <sub>4</sub> O <sub>18</sub> ] 6-membered ring fundamental building block. <i>Solid State Sciences</i> , 2019, 91, 23-27.	3.2	3
14	Two New Ferroborates with Three-Dimensional Framework and Wide Transmittance Window. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1676-1682.	2.0	2
15	LiCsPbP <sub>2</sub> O <sub>7</sub> : A new alkali metal lead pyrophosphate featuring two dimensional [LiP <sub>2</sub> O <sub>7</sub> ] <sup>2-</sup> layer. <i>Journal of Solid State Chemistry</i> , 2019, 280, 120823.	2.9	0