

# Shu-Fang Li

## List of Publications by Year in descending order

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16  
papers

814  
citations

932766

10  
h-index

996533

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

433  
citing authors

#	ARTICLE	IF	CITATIONS
1	[A <sub>3</sub> X][Ga <sub>3</sub> PS <sub>8</sub> ] (A = K, Rb; X = Cl, Br): promising IR non-linear optical materials exhibiting concurrently strong second-harmonic generation and high laser induced damage thresholds. <i>Chemical Science</i> , 2016, 7, 6273-6277.	3.7	167
2	Large Second Harmonic Generation (SHG) Effect and High Laser-Induced Damage Threshold (LIDT) Observed Coexisting in Gallium Selenide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8087-8091.	7.2	145
3	New strategy for designing promising mid-infrared nonlinear optical materials: narrowing the band gap for large nonlinear optical efficiencies and reducing the thermal effect for a high laser-induced damage threshold. <i>Chemical Science</i> , 2018, 9, 5700-5708.	3.7	104
4	Superpolyhedron-Built Second Harmonic Generation Materials Exhibit Large Mid-Infrared Conversion Efficiencies and High Laser-Induced Damage Thresholds. <i>Chemistry of Materials</i> , 2017, 29, 1796-1804.	3.2	84
5	Oxychalcogenide BaGeOSe <sub>2</sub> : Highly Distorted Mixed-Anion Building Units Leading to a Large Second-Harmonic Generation Response. <i>Chemistry of Materials</i> , 2015, 27, 8189-8192.	3.2	74
6	Syntheses, Structures, and Nonlinear Optical Properties of Two Sulfides Na <sub>2</sub> In <sub>2</sub> MS <sub>6</sub> (M = Si, Ge). <i>Inorganic Chemistry</i> , 2016, 55, 1480-1485.	1.9	50
7	Large Second-Harmonic Generation Responses Achieved by the Dimeric [Ge <sub>2</sub> Se <sub>4</sub> ( <sup>1/4</sup> Se <sub>2</sub> )] <sup>4+</sup> Functional Motif in Polar Polyselenides A <sub>4</sub> Ge <sub>4</sub> Se <sub>12</sub> (A = Rb, Cs). <i>Chemistry of Materials</i> , 2017, 29, 9200-9207.	3.2	47
8	Strong Infrared Nonlinear Optical Efficiency and High Laser Damage Threshold Realized in Quaternary Alkali Metal Sulfides Na <sub>2</sub> Ga <sub>2</sub> MS <sub>6</sub> (M = Ge, Sn) Containing Mixed Nonlinear Optically Active Motifs. <i>Inorganic Chemistry</i> , 2018, 57, 6783-6786.	1.9	40
9	Phase Transition and Second Harmonic Generation in Thiophosphates Ag <sub>2</sub> Cd(P <sub>2</sub> S <sub>6</sub> ) and Ag <sub>3</sub> Cd <sub>3</sub> (PS <sub>4</sub> ) <sub>2</sub> Containing Two Second-Order Jahn-Teller Distorted Cations. <i>Inorganic Chemistry</i> , 2017, 56, 114-124.	1.9	39
10	Large Second Harmonic Generation (SHG) Effect and High Laser-Induced Damage Threshold (LIDT) Observed Coexisting in Gallium Selenide. <i>Angewandte Chemie</i> , 2019, 131, 8171-8175.	1.6	37
11	Face-Shared Octahedral Dimer In <sub>2</sub> O <sub>7</sub> S <sub>2</sub> in the Non-Centrosymmetric Barium Indiumsilicate Oxysulfide Ba <sub>2</sub> In <sub>2</sub> Si <sub>3</sub> O <sub>10</sub> S. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1846-1850.	1.0	8
12	Predicted polymorph manipulation in an exotic double perovskite oxide. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12306-12311.	2.7	7
13	Noncentrosymmetric (C <sub>3</sub> H <sub>7</sub> N <sub>6</sub> ) <sub>6</sub> (H <sub>2</sub> PO <sub>4</sub> ) <sub>4</sub> (HPO <sub>4</sub> ) <sub>2</sub> and Centrosymmetric (C <sub>3</sub> H <sub>7</sub> N <sub>6</sub> ) <sub>2</sub> SO <sub>4</sub> ·2H <sub>2</sub> O: Exploration of Acentric Structure by Combining Planar and Tetrahedral Motifs via Hydrogen Bonds. <i>Inorganic Chemistry</i> , 2022, 61, 10182-10189.	1.9	6
14	Synthesis, crystal structure and physical properties of a new chalcogenides Rb <sub>3</sub> Ga <sub>3</sub> Ge <sub>7</sub> S <sub>20</sub> . <i>Journal of Solid State Chemistry</i> , 2021, 296, 121945.	1.4	5
15	Crystal Structures, Optical, and Magnetic Properties of Zn <sub>3-x</sub> MnxTeO <sub>6</sub> . <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2020, 35, 895.	0.6	1
16	Flux Growth of Tungsten Oxychloride Li <sub>23</sub> CuW <sub>10</sub> O <sub>40</sub> Cl <sub>5</sub> . <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2020, , 598.	0.6	0