

# Yi Zhang

## List of Publications by Year in descending order

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9  
papers

116  
citations

1478505

6  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

46  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced luminescence performances of BaLaMgTaO <sub>6</sub> :Mn <sup>4+</sup> red phosphor by Bi <sup>3+</sup> , Ca <sup>2+</sup> doping for indoor plant lighting supplementary LED. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 268, 120655.	3.9	16
2	High quantum efficiency and luminescence properties of far-red Sr <sub>3</sub> NaTaO <sub>6</sub> : Mn <sup>4+</sup> , Ba <sup>2+</sup> phosphor for application in plant growth lighting LEDs. <i>Journal of Luminescence</i> , 2022, 244, 118701.	3.1	15
3	Tailoring microstructures in (Ni/NiO)@C composites via facile route for broadband microwave absorption. <i>Ceramics International</i> , 2022, 48, 12979-12987.	4.8	16
4	High quantum efficiency and thermal stability Sr <sub>3</sub> LiNbO <sub>6</sub> :Mn <sup>4+</sup> , Zn <sup>2+</sup> phosphors for application in indoor plant growth lighting. <i>Journal of Luminescence</i> , 2022, 248, 118961.	3.1	1
5	Change from La <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> to LaTiO <sub>3</sub> induced by Li <sub>2</sub> CO <sub>3</sub> addition: Higher local symmetry and particle uniformity achieved an efficient Mn <sup>4+</sup> activated far red phosphor for agricultural cultivation. <i>Journal of Luminescence</i> , 2022, 248, 119000.	3.1	1
6	Enhanced luminescence performance and efficiency of La <sub>2</sub> NaSbO <sub>6</sub> : Mn <sup>4+</sup> by co-doping Ca <sup>2+</sup> for plant growth lighting. <i>Physica B: Condensed Matter</i> , 2021, 617, 413141.	2.7	6
7	The novel Sr <sub>3</sub> LiSbO <sub>6</sub> :Mn <sup>4+</sup> , Ca <sup>2+</sup> far-red-emitting phosphors with over 95% internal quantum efficiency for indoor plant growth LEDs. <i>Journal of Luminescence</i> , 2021, 237, 118165.	3.1	21
8	Sr <sub>3</sub> LiTaO <sub>6</sub> :xMn <sup>4+</sup> red-emitting phosphors for indoor plant growth lighting: High thermal stability and quantum efficiency. <i>Journal of Luminescence</i> , 2021, 238, 118234.	3.1	17
9	Luminescence-enhancement and tunable-excitation of far-red emitting La <sub>2</sub> LiSbO <sub>6</sub> :Mn <sup>4+</sup> , Bi <sup>3+</sup> phosphors for plant growth lighting. <i>Journal of Luminescence</i> , 2020, 224, 117268.	3.1	23