

# Fengli Yang

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	A high absorption efficiency blue-emitting phosphor NaSrScSi <sub>2</sub> O <sub>7</sub> :Eu <sup>2+</sup> for near-UV-pumped white light-emitting diodes. Journal of Alloys and Compounds, 2022, 903, 163815.	5.5	17
2	Synthesis and photoluminescent properties of Sm <sup>3+</sup> -activated La <sub>3</sub> Si <sub>6</sub> N <sub>11</sub> as an orange-red emitting phosphor. Journal of Rare Earths, 2021, 39, 140-145.	4.8	21
3	Tuning luminescence of Ba <sub>3</sub> Si <sub>6</sub> O <sub>12</sub> N <sub>2</sub> :Eu <sup>2+</sup> phosphor for full-spectrum warm white LED lighting. Journal of Alloys and Compounds, 2021, 869, 159377.	5.5	21
4	Bismuth activated blue phosphor with high absorption efficiency for white LEDs. Journal of Alloys and Compounds, 2021, 885, 160960.	5.5	28
5	A narrow-band ultra-bright green phosphor for LED-based applications. Dalton Transactions, 2020, 49, 1935-1946.	3.3	15
6	A Mn <sup>4+</sup> -doped oxyfluoride phosphor with remarkable negative thermal quenching and high color stability for warm WLEDs. Chemical Engineering Journal, 2020, 392, 123657.	12.7	115
7	A Reverse Strategy to Restore the Moisture-deteriorated Luminescence Properties and Improve the Humidity Resistance of Mn <sup>4+</sup> -doped Fluoride Phosphors. Chemistry - an Asian Journal, 2020, 15, 3326-3337.	3.3	24
8	A comparison study on the substitution of Y <sup>3+</sup> Al <sup>3+</sup> by M <sup>2+</sup> Si <sup>4+</sup> (M=ABa, Sr, Ca, Mg) in Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> :Ce <sup>3+</sup> phosphor. Journal of the American Ceramic Society, 2020, 103, 5111-5119.	3.8	14
9	Realizing near-UV light excitation of Mn <sup>2+</sup> via efficient energy transfer from Eu <sup>2+</sup> for white LEDs. Materials Research Bulletin, 2020, 125, 110789.	5.2	10
10	Cs <sub>2</sub> MnF <sub>6</sub> Red Phosphor with Ultrahigh Absorption Efficiency. Inorganic Chemistry, 2019, 58, 15207-15215.	4.0	41
11	Enhanced narrow-band green-emission and thermal stability via the introduction of Mg <sup>2+</sup> in ZnB <sub>2</sub> O <sub>4</sub> :Mn <sup>2+</sup> phosphor. CrystEngComm, 2019, 21, 5947-5957.	2.6	9
12	An ultra-high yield of spherical K <sub>2</sub> NaScF <sub>6</sub> :Mn <sup>4+</sup> red phosphor and its application in ultra-wide color gamut liquid crystal displays. Journal of Materials Chemistry C, 2019, 7, 7237-7248.	5.5	76
13	Tunable blue-green color emitting Al <sub>5</sub> O <sub>6</sub> N: Eu <sup>2+</sup> , Tb <sup>3+</sup> phosphors with energy transfer for near-UV white LEDs. Journal of Luminescence, 2019, 212, 146-153.	3.1	13
14	Enhanced narrow green emission and thermal stability in $\hat{\Gamma}^3$ -ALON: Mn <sup>2+</sup> , Mg <sup>2+</sup> phosphor via charge compensation. Ceramics International, 2019, 45, 11868-11875.	4.8	25
15	Small Thermal Quenching, Narrow Green Emitting $\hat{\Gamma}^3$ -ALON: Ce <sup>3+</sup> , Mn <sup>2+</sup> Phosphor: Luminescence and Energy Transfer. ECS Journal of Solid State Science and Technology, 2018, 7, R215-R223.	1.8	6
16	Influence of synthetic temperature and heating time on the luminescence behavior of M <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> Cl:Eu <sup>2+</sup> ,Mn <sup>2+</sup> (M=Ca, Sr) phosphors. Journal of Rare Earths, 2015, 33, 1129-1136.	4.8	8
17	Energy transfer from Eu <sup>2+</sup> to Mn <sup>2+</sup> in M <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> Cl (M=Ca, Sr). Journal of Luminescence, 2014, 146, 269-274.	3.1	14
18	Comparison of the photoluminescence properties of Eu <sup>2+</sup> , Mn <sup>2+</sup> co-doped M <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> Cl (M=Ca, Sr, Ba). Journal of Alloys and Compounds, 2014, 590, 535-540.	5.5	21