Fengli Yang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8051036/publications.pdf

Version: 2024-02-01

18	479	687363 13	839539 18
papers	citations	h-index	g-index

23	23	23	333
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Mn4+-doped oxyfluoride phosphor with remarkable negative thermal quenching and high color stability for warm WLEDs. Chemical Engineering Journal, 2020, 392, 123657.	12.7	115
2	An ultra-high yield of spherical K₂NaScF₆:Mn⁴⁺ 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
3	Cs₂MnF₆ Red Phosphor with Ultrahigh Absorption Efficiency. Inorganic Chemistry, 2019, 58, 15207-15215.	4.0	41
4	Bismuth activated blue phosphor with high absorption efficiency for white LEDs. Journal of Alloys and Compounds, 2021, 885, 160960.	5.5	28
5	Enhanced narrow green emission and thermal stability in Î³-AlON: Mn2+, Mg2+ phosphor via charge compensation. Ceramics International, 2019, 45, 11868-11875.	4.8	25
6	A Reverse Strategy to Restore the Moistureâ€deteriorated Luminescence Properties and Improve the Humidity Resistance of Mn⁴⁺â€doped Fluoride Phosphors. Chemistry - an Asian Journal, 2020, 15, 3326-3337.	3.3	24
7	Comparison of the photoluminescence properties of Eu2+, Mn2+ co-doped M5(PO4)3Cl (M=Ca, Sr, Ba). Journal of Alloys and Compounds, 2014, 590, 535-540.	5.5	21
8	Synthesis and photoluminescent properties of Sm3+-activated La3Si6N11 as an orange-red emitting phosphor. Journal of Rare Earths, 2021, 39, 140-145.	4.8	21
9	Tuning luminescence of Ba3Si6O12N2:Eu2+ phosphor for full-spectrum warm white LED lighting. Journal of Alloys and Compounds, 2021, 869, 159377.	5.5	21
10	A high absorption efficiency blue-emitting phosphor NaSrScSi2O7:Eu2+ for near-UV-pumped white light-emitting diodes. Journal of Alloys and Compounds, 2022, 903, 163815.	5.5	17
11	A narrow-band ultra-bright green phosphor for LED-based applications. Dalton Transactions, 2020, 49, 1935-1946.	3.3	15
12	Energy transfer from Eu2+ to Mn2+ in M5(PO4)3Cl (M=Ca, Sr). Journal of Luminescence, 2014, 146, 269-274.	3.1	14
13	A comparison study on the substitution of Y³⁺â^'Al³⁺ by M²⁺â^'Si⁴⁺(MÂ=ÂBa, Sr, Ca, Mg) in Y₃Al₅O₁₂:Ce³⁺ phosphor. Journal of the American Ceramic Society, 2020, 103, 5111-5119.	3.8	14
14	Tunable blue-green color emitting Al5O6N: Eu2+, Tb3+ phosphors with energy transfer for near-UV white LEDs. Journal of Luminescence, 2019, 212, 146-153.	3.1	13
15	Realizing near-UV light excitation of Mn2+ via efficient energy transfer from Eu2+ for white LEDs. Materials Research Bulletin, 2020, 125, 110789.	5.2	10
16	Enhanced narrow-band green-emission and thermal stability via the introduction of Mg2+ in ZnB2O4:Mn2+ phosphor. CrystEngComm, 2019, 21, 5947-5957.	2.6	9
17	Influence of synthetic temperature and heating time on the luminescence behavior of M5(PO4)3Cl:Eu2+,Mn2+ (M=Ca, Sr) phosphors. Journal of Rare Earths, 2015, 33, 1129-1136.	4.8	8
18	Small Thermal Quenching, Narrow Green Emitting Î³-AlON: Ce³⁺, Mn²⁺ Phosphor: Luminescence and Energy Transfer. ECS Journal of Solid State Science and Technology, 2018, 7, R215-R223.	1.8	6