

Naresh Varnakavi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5875548/publications.pdf>

Version: 2024-02-01

25
papers

1,339
citations

566801

15
h-index

642321

23
g-index

25
all docs

25
docs citations

25
times ranked

1094
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Biosensors and Recent Development of Nanostructured Materials-Enabled Biosensors. Sensors, 2021, 21, 1109.	2.1	672
2	Influence of multiphonon and cross relaxations on 3P0 and 1D2 emission levels of Pr ³⁺ doped borosilicate glasses for broad band signal amplification. Journal of Alloys and Compounds, 2016, 664, 321-330.	2.8	77
3	Energy transfer based enhanced red emission intensity from (Eu ³⁺ , Tb ³⁺):LFBCd optical glasses. Journal of Luminescence, 2013, 137, 15-21.	1.5	75
4	Zn(II)-Doped Cesium Lead Halide Perovskite Nanocrystals with High Quantum Yield and Wide Color Tunability for Color-Conversion Light-Emitting Displays. ACS Applied Nano Materials, 2020, 3, 7621-7632.	2.4	64
5	Analysis of energy transfer based emission spectra of (Sm ³⁺ , Dy ³⁺): Li ₂ O-LiF-B ₂ O ₃ -CdO glasses. Journal of Luminescence, 2014, 147, 63-71.	1.5	54
6	Structural, thermal, dielectric and ac conductivity properties of lithium fluoro-borate optical glasses. Ceramics International, 2012, 38, 2325-2332.	2.3	53
7	Energy transfer based emission analysis of (Tb ³⁺ , Sm ³⁺): Lithium zinc phosphate glasses. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 144, 68-75.	2.0	42
8	Li ₂ O-LiF-ZnF ₂ -B ₂ O ₃ -P ₂ O ₅ : MnO glasses Thermal, structural, optical and luminescence characteristics. Optical Materials, 2016, 51, 154-161.	1.7	42
9	Synthesis of CsPbX ₃ (X = Cl/Br, Br, and Br/I)@SiO ₂ /PMMA composite films as color-conversion materials for achieving tunable multi-color and white light emission. Nano Research, 2021, 14, 1187-1194.	5.8	40
10	K ₂ Mn _x Sn _{3-2x} S ₆ (x = 0.5-0.95) (KMS-1) immobilized on the reduced graphene oxide as KMS-1/r-GO aerogel to effectively remove Cs ⁺ and Sr ²⁺ from aqueous solution. Chemical Engineering Journal, 2019, 369, 803-812.	6.6	34
11	Structural, Thermal and Dielectric Properties of Lithium Zinc Silicate Ceramic Powders by Sol-Gel Method. Ferroelectrics, Letters Section, 2011, 38, 114-127.	0.4	33
12	Energy transfer and colour tunability in UV light induced Tm ³⁺ /Tb ³⁺ /Eu ³⁺ : ZnB glasses generating white light emission. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 175, 43-50.	2.0	30
13	Studies on Optical, Dielectric and Magnetic Properties of Mn ²⁺ , Fe ³⁺ & Co ²⁺ Ions Doped LFBCd Glasses. Ferroelectrics, 2012, 437, 110-125.	0.3	28
14	Crossrelaxations and non-radiative energy transfer from (4G _{5/2}) Sm ³⁺ (5D ₀) Eu ³⁺ : B ₂ O ₃ -ZnO glasses. Journal of Alloys and Compounds, 2015, 632, 59-67.	2.8	24
15	NIR luminescence and energy transfer kinetics in Nd ³⁺ /Yb ³⁺ co-doped sodium aluminium bismuth fluoro-borosilicate glasses. Ceramics International, 2019, 45, 22649-22659.	2.3	17
16	NIR triggered NaYF ₄ :Yb ³⁺ ,Tm ³⁺ @NaYF ₄ /CsPb(Br _{1-x} I _x) ₃ composite for up-converted white-light emission and dual-modal anti-counterfeiting applications. Materials Today Chemistry, 2022, 23, 100752.	1.7	14
17	KGaP ₂ O ₇ :Mn ⁴⁺ deep red emitting phosphor: Synthesis, structure, concentration and temperature dependent photoluminescence characteristics. Journal of Luminescence, 2019, 214, 116565.	1.5	12
18	Energy transfer dynamics in thermally stable single-phase LiMgBO ₃ :Tm ³⁺ /Dy ³⁺ phosphor for UV triggered white light-emitting devices. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 271, 115306.	1.7	9

#	ARTICLE	IF	CITATIONS
19	Optical and spectral analysis of Pr ³⁺ doped lithium zinc fluoro telluro phosphate glasses. Materials Today: Proceedings, 2016, 3, 4058-4063.	0.9	7
20	Dy ³⁺ /Pr ³⁺ co-doped fluoro-borosilicate glasses: Energy transfer induced color-tunable luminescence. Materials Research Bulletin, 2021, 142, 111381.	2.7	6
21	Analysis of visible-NIR emission and photoluminescence quenching in Er ³⁺ :Bi ₂ O ₃ -AlF ₃ -TeO ₂ -B ₂ O ₃ glasses. Journal of Commonwealth Law and Legal Education, 2015, 56, 255-262.	0.2	4
22	VIS-NIR emission analysis of Tm ³⁺ doped LiF-ZnF ₂ -AlF ₃ -B ₂ O ₃ -SiO ₂ glasses. AIP Conference Proceedings, 2015, , .	0.3	1
23	Photoluminescence properties of LiTi ₂ Eu _x (PO ₄) ₃ phosphor. Luminescence, 2017, 32, 11-16.	1.5	1
24	Luminescence, electrical and magnetic studies of Mn ²⁺ :Li ₂ O-Li ⁺ B ₂ O ₃ -CdO glasses. , 2013, , .		0
25	Analysis of emission spectra of Ho ³⁺ :LFBCd glasses. , 2014, , .		0