Naorem S Singh

List of Publications by Year
in descending order

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Version: 2024-02-01

31 papers	1,280 citations	361296 20 h-index	454834 30 g-index
31 all docs	31 docs citations	31 times ranked	1254 citing authors

#	Article	IF	Citations
1	Luminescence, lifetime and quantum yield studies of YVO4:Ln3+ (Ln3+= Dy3+, Eu3+) nanoparticles: Concentration and annealing effects. Chemical Physics Letters, 2009, 480, 237-242.	1.2	157
2	Re-dispersion and film formation of GdVO4â€‰:â€‰ Ln3+ (Ln3+ = Dy3+, Eu3+, Sm3+, Tm3+) nanoparticles: particle size and luminescence studies. Dalton Transactions, 2012, 41, 4404.	1.6	85
3	Luminescence, lifetime, and quantum yield studies of redispersible Eu3+-doped GdPO4 crystalline nanoneedles: Core-shell and concentration effects. Journal of Applied Physics, 2010, 107, .	1.1	84
4	Lifetime and quantum yield studies of Dy3+ doped GdVO4 nanoparticles: Concentration and annealing effect. Journal of Applied Physics, 2009, 105, .	1.1	79
5	Multicolor tuning and white light emission from lanthanide doped YPVO₄nanorods: energy transfer studies. Journal of Materials Chemistry C, 2014, 2, 548-555.	2.7	69
6	Low temperature synthesis and luminescence properties of re-dispersible Eu3+ doped LaPO4 nanorods by ethylene glycol route. Optical Materials, 2010, 32, 616-622.	1.7	66
7	Luminescence study of Eu3+ doped GdVO4 nanoparticles: Concentration, particle size, and core/shell effects. Journal of Applied Physics, 2008, 104, .	1.1	63
8	Crystal structure and photoluminescence correlations in white emitting nanocrystalline ZrO2:Eu3+ phosphor: Effect of doping and annealing. Journal of Luminescence, 2012, 132, 537-544.	1.5	63
9	Ce³⁺-Sensitized GdPO₄:Tb³⁺ Nanorods: An Investigation on Energy Transfer, Luminescence Switching, and Quantum Yield. ACS Photonics, 2014, 1, 337-346.	3.2	63
10	Probing of inversion symmetry site in Eu3+-doped GdPO4 by luminescence study: Concentration and annealing effect. Journal of Luminescence, 2010, 130, 174-180.	1.5	57
11	Luminescence switching behavior through redox reaction in Ce3+ co-doped LaPO4:Tb3+ nanorods: Re-dispersible and polymer film. Dalton Transactions, 2011, 40, 11571.	1.6	55
12	Preparation of highly crystalline blue emitting MVO4:Tm3+ (M=Gd, Y) spherical nanoparticles: Effects of activator concentration and annealing temperature on luminescence, lifetime and quantum yield. Journal of Luminescence, 2010, 130, 2452-2459.	1.5	49
13	Effects of annealing on luminescence of CaWO4:Eu3+ nanoparticles and its thermoluminescence study. Journal of Alloys and Compounds, 2013, 556, 94-101.	2.8	49
14	A multifunctional biphasic suspension of mesoporous silica encapsulated with YVO₄:Eu³⁺and Fe₃O₄nanoparticles: synergistic effect towards cancer therapy and imaging. Nanotechnology, 2013, 24, 065101.	1.3	43
15	Ce³⁺ sensitized GdPO₄:Tb³⁺ with iron oxide nanoparticles: a potential biphasic system for cancer theranostics. Dalton Transactions, 2014, 43, 11728-11738.	1.6	41
16	Red emission enhancement from CaMoO4:Eu3+ by co-doping of Bi3+ for near UV/blue LED pumped white pcLEDs: Energy transfer studies. Journal of Applied Physics, 2018, 123, .	1.1	35
17	Luminescence properties of Ce3+ co-activated LaPO4:Dy3+ nanorods prepared in different solvents and tunable blue to white light emission from Eu3+ co-activated LaPO4:Dy3+, Ce3+. Journal of Luminescence, 2013, 134, 649-656.	1.5	33
18	Observation of exceptional strong emission transitions 5Dj (j=1â^'3) to 7Fj (j=1â^'3): Multicolor from single Eu3+ ion doped La2O3 nanoparticles. Journal of Luminescence, 2013, 134, 14-23.	1.5	25

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19	Surface chemistry of surfactant AOT-stabilized SnO2 nanoparticles and effect of temperature. Journal of Colloid and Interface Science, 2010, 349, 27-33.	5.0	24
20	Blue and green emission from Ce3+ and Tb3+ co-doped Y2O3 nanoparticles. Journal of Luminescence, 2013, 140, 95-102.	1.5	24
21	Enhanced red emission from Bi3+ sensitized CaWO4:Eu3+ as red component for near UV/blue LED pumped white light emission. Journal of Alloys and Compounds, 2020, 843, 156022.	2.8	22
22	Facile synthesis of re-dispersible YVO4:Ln3+ (Ln3+ = Dy3+, Eu3+, Sm3+) nanocrystals: Luminescence studies and sensing of Cu2+ ions. Journal of Luminescence, 2018, 203, 341-348.	1.5	20
23	Probing Dy3+ ions on the surface of nanocrystalline YVO4: Luminescence study. Optical Materials, 2009, 32, 286-292.	1.7	19
24	Multicolour and nearly white light emission in YP0.8V0.2O4:Sm3+ nanorods: Controlled energy transfer. Journal of Alloys and Compounds, 2017, 726, 1161-1167.	2.8	14
25	Excitation and activator concentration induced color tuning and white light generation from Bi3+ sensitized Y2O3:Eu3+: Energy transfer studies. Journal of Alloys and Compounds, 2021, 875, 160059.	2.8	11
26	Bi3+ sensitized Gd2O3:Eu3+: A potential red phosphor for UV LED pumped white light emission. Journal of Alloys and Compounds, 2022, 902, 163831.	2.8	11
27	Photoluminescence Properties of Dy3+ Activated CaWO4 Nanophosphors: a Potential Single Phase near White Light Emitter. Journal of Fluorescence, 2019, 29, 435-443.	1.3	10
28	Surface functionalized GdVO4:Eu3+ nanocrystals as turn-off luminescent probe for selective sensing of Cu2+ ions: role of pH. Applied Surface Science, 2021, 563, 150350.	3.1	6
29	The photo-electrochemical studies of Eu3+ doped yttrium orthovanadateâ€“zinc oxideâ€“reduced graphene oxide nanohybrid. Materials Chemistry and Physics, 2014, 144, 529-537.	2.0	2
30	ANNEALING EFFECT ON THE DARK ELECTRICAL TRANSPORT AND ABSORBANCE SPECTRA OF CHEMICAL BATH DEPOSITED CdS NANOCRYSTALLITES. International Journal of Nanoscience, 2011, 10, 93-97.	0.4	1
31	Studies On Electrodeposition Of Highly Oriented Three Dimensional ZnO Microarrays. , 2010, , .		0