

# Kiran Dasari

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

248  
citations

1039406

9  
h-index

940134

16  
g-index

21  
all docs

21  
docs citations

21  
times ranked

364  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extended-area nanostructuring of TiO <sub>2</sub> with femtosecond laser pulses at 400 nm using a line focus. Nanotechnology, 2010, 21, 155302.	1.3	43
2	Neutron diffraction study of the inverse spinels $\text{Co}_{1-x}\text{Mn}_x\text{O}$ and $\text{Co}_{1-x}\text{Mn}_x\text{O}_2$ . Physical Review B, 2017, 96, .	1.1	30
3	Low-temperature anomalous magnetic behavior of Co <sub>2</sub> TiO <sub>4</sub> and Co <sub>2</sub> SnO <sub>4</sub> . Journal of Applied Physics, 2016, 120, .	1.1	26
4	Spectroscopic studies of Co <sub>2</sub> TiO <sub>4</sub> and Co <sub>3</sub> O <sub>4</sub> two-phase composites. Physica Status Solidi (B): Basic Research, 2016, 253, 2270-2282.	0.7	23
5	Electrical conductivity and photoresistance of atomic layer deposited Al-doped ZnO films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2013, 31, 01A146.	0.9	20
6	The shift of optical band gap in W-doped ZnO with oxygen pressure and doping level. Materials Research Bulletin, 2014, 54, 73-77.	2.7	20
7	Growth, luminescence and magnetic properties of GaN:Er semiconductor thin films grown by molecular beam epitaxy. Journal Physics D: Applied Physics, 2017, 50, 175104.	1.3	17
8	Controlling the transverse proton relaxivity of magnetic graphene oxide. Scientific Reports, 2019, 9, 5633.	1.6	14
9	Localized Charge Carrier Transport Properties of Zn <sub>1-x</sub> Ni <sub>x</sub> O/NiO Two-Phase Composites. Journal of Electronic Materials, 2016, 45, 2059-2065.	1.0	10
10	Improved thermal stability and narrowed line width of photoluminescence from InGa <sub>N</sub> nanorod by ytterbium doping. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 413-417.	0.8	9
11	Visible photoluminescence and room temperature ferromagnetism in high In-content InGa <sub>N</sub> :Yb nanorods grown by molecular beam epitaxy. Journal of Applied Physics, 2015, 118, 125707.	1.1	8
12	Ellipsometry Study of CdSe Thin Films Deposited by PLD on ITO Coated Glass Substrates. Materials, 2021, 14, 3307.	1.3	8
13	Photoluminescence studies and crystal field calculations of Yb-doped InGa <sub>N</sub> nanorods. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2017, 222, 26-33.	1.7	5
14	Dynamical response of localized electron hopping and dipole relaxation in Cu <sub>1-x</sub> Zn <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub> magnetoceramics. Journal Physics D: Applied Physics, 2021, 54, 425303.	1.3	5
15	Magnetic exchange interactions and dielectric studies of Zn <sub>1-x</sub> Ni <sub>x</sub> O/NiO composites. Journal Physics D: Applied Physics, 2017, 50, 325002.	1.3	4
16	Role of phase transition in the dielectric and magnetic properties of Na containing NiO. Journal of Physics and Chemistry of Solids, 2019, 130, 154-164.	1.9	3
17	MBE Grown In <sub>x</sub> Ga <sub>1-x</sub> N Thin Films with Bright Visible Emission Centered at 550Ånm. Journal of Electronic Materials, 2016, 45, 2071-2077.	1.0	2
18	Photoluminescence linewidth narrowing in Yb-doped GaN and InGa <sub>N</sub> thin films. Journal of Luminescence, 2019, 209, 237-243.	1.5	1

#	ARTICLE	IF	CITATIONS
19	Generation of extended-area femtosecond laser induced periodic nanostructures on TiO <sub>2</sub> by moving samples through a line focus. , 2010, , .		0
20	Magnetodielectric coupling in Ferromagnetic/Ferroelectric/Ferromagnetic spin capacitor. MRS Advances, 2017, 2, 241-246.	0.5	0