

Kailasnath madanan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

265
citations

933447

10
h-index

940533

16
g-index

23
all docs

23
docs citations

23
times ranked

254
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and optical properties of dysprosium-doped hydroxyapatite nanoparticles and the use as a bioimaging probe in human cells. <i>Luminescence</i> , 2022, , .	2.9	5
2	Optical characterization and tunable antibacterial properties of gold nanoparticles with common proteins. <i>Analytical Biochemistry</i> , 2021, 612, 113975.	2.4	33
3	The impact of ZnO nanoparticle size on the performance of photoanodes in DSSC and QDSSC: a comparative study. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 3167-3179.	2.2	13
4	Solvent assisted evolution and growth mechanism of zero to three dimensional ZnO nanostructures for dye sensitized solar cell applications. <i>Scientific Reports</i> , 2021, 11, 6159.	3.3	27
5	Studying the role of ZnO nanostructure photoanodes for improving the photovoltaic performance of CdSe QDSSCs. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 17837-17847.	2.2	2
6	Particle size and concentration effect on thermal diffusivity of water-based ZnO nanofluid using the dual-beam thermal lens technique. <i>Applied Physics B: Lasers and Optics</i> , 2019, 125, 1.	2.2	20
7	Control of directional emission of resonance modes in an asymmetric cylindrical microcavity. <i>Optics and Laser Technology</i> , 2018, 105, 1-3.	4.6	5
8	Tunable amplified spontaneous emission from dye doped hollow polymer optical fiber. <i>Journal of Luminescence</i> , 2018, 201, 1-4.	3.1	6
9	Photochemical Degradation of Curcumin: a Mechanism for Aqueous Based Sensing of Fluoride. <i>Journal of Fluorescence</i> , 2017, 27, 2169-2176.	2.5	5
10	Thermo-optic tuning of whispering gallery mode lasing from a dye-doped hollow polymer optical fiber. <i>Optics Letters</i> , 2017, 42, 2926.	3.3	32
11	Solvent effects on lasing characteristics for Rh B laser dye. <i>Journal of Luminescence</i> , 2016, 169, 227-232.	3.1	5
12	Curcumin doped silica xerogel for sensing applications. , 2015, , .		0
13	Charge and Heat Transfer Mechanism in Directly Coupled CdSe-Metal Nanohybrids. <i>Journal of Electronic Materials</i> , 2015, 44, 3581-3585.	2.2	3
14	Angular dependent light emission from planar waveguides. <i>Journal of Applied Physics</i> , 2015, 117, 015301.	2.5	2
15	Microring embedded hollow polymer fiber laser. <i>Applied Physics Letters</i> , 2015, 106, 131101.	3.3	18
16	Size dependent variation of thermal diffusivity of CdSe nanoparticles based nanofluid using laser induced mode-matched thermal lens technique. <i>Journal of Optics (India)</i> , 2015, 44, 85-91.	1.7	7
17	Multimode laser emission from free-standing cylindrical microcavities. <i>Journal of Luminescence</i> , 2014, 149, 204-207.	3.1	19
18	Multimode laser emission from dye-doped hollow polymer optical fibre. <i>Pramana - Journal of Physics</i> , 2014, 82, 233-236.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Pumping scheme dependent multimode laser emission from free-standing cylindrical microcavity. Optics Communications, 2014, 320, 125-128.	2.1	8
20	Laser emission from the whispering gallery modes of a graded index fiber. Optics Letters, 2013, 38, 3261.	3.3	24
21	Impact of laser ablated gold nanoparticles on absorption and fluorescence of Rhodamine 6G in Methyl Methacrylate. , 2012, , .		1
22	A microring multimode laser using hollow polymer optical fibre. Pramana - Journal of Physics, 2010, 75, 923-927.	1.8	15
23	Fluorescence characterization and gain studies on a dye-doped graded index polymer optical-fiber preform. Optics and Laser Technology, 2008, 40, 687-691.	4.6	14