

Nishant Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3263767/publications.pdf>

Version: 2024-02-01

25
papers

399
citations

933264

10
h-index

794469

19
g-index

26
all docs

26
docs citations

26
times ranked

450
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic effect of Fe and Ag co-doping on the persistent photoconductivity of vertical ZnO nanorods. <i>Ceramics International</i> , 2022, 48, 23002-23015.	2.3	5
2	Rise in UV and blue emission and reduction of surface roughness due to the presence of Ag and Al in monocrystalline ZnO films grown by sol-gel spin coating. <i>Materials Technology</i> , 2021, 36, 541-551.	1.5	14
3	Enhancement in Visible Emission by the Doping of Ce in ZnO Thin Films. <i>Journal of Nano- and Electronic Physics</i> , 2021, 13, 02011-1-02011-3.	0.2	2
4	Substrate free Defect-rich one dimensional ZnO nanostructures. <i>Materials Today: Proceedings</i> , 2021, 46, 2374-2378.	0.9	3
5	Growth and study of c-axis-oriented vertically aligned ZnO nanorods on seeded substrate. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 15687-15706.	1.1	6
6	Systematic study on the effect of Ag doping in shaping the magnetic properties of sol-gel derived TiO ₂ nanoparticles. <i>Ceramics International</i> , 2020, 46, 27832-27848.	2.3	24
7	Substrate free ultrasonic-assisted hydrothermal growth of ZnO nanoflowers at low temperature. <i>SN Applied Sciences</i> , 2020, 2, 1386.	1.5	18
8	Influence of alkali hydroxides on synthesis, physico-chemical and photoluminescence properties of zinc oxide nanoparticles. <i>Materials Today: Proceedings</i> , 2020, 29, 885-889.	0.9	8
9	Structural and physical parameters of sol-gel spin coated ZnO thin films: Effect of sol concentration. <i>Materials Today: Proceedings</i> , 2020, 29, 1098-1103.	0.9	8
10	Conduction Mechanism and Charge Transporting Property of Te _{90-x} Se ₁₀ Cd _x Chalcogenides by AC Conductivity and Dielectric Analysis. <i>Materials Today: Proceedings</i> , 2018, 5, 9041-9050.	0.9	3
11	Tuning NBE emission and optical band gap of nanocrystalline ZnO thin films using Fe dopant. <i>Materials Today: Proceedings</i> , 2018, 5, 9089-9093.	0.9	8
12	Optical properties of ZnO nanoparticles synthesized by co-precipitation method using LiOH. <i>Materials Today: Proceedings</i> , 2018, 5, 9144-9147.	0.9	16
13	Green photoluminescence and photoconductivity from screen-printed Mg doped ZnO films. <i>Journal of Alloys and Compounds</i> , 2018, 735, 312-318.	2.8	38
14	Optical and sensing properties of Al doped ZnO nanocrystalline thin films prepared by spray pyrolysis. <i>Materials Today: Proceedings</i> , 2018, 5, 9102-9107.	0.9	9
15	Faster photoresponse, enhanced photosensitivity and photoluminescence in nanocrystalline ZnO films suitably doped by Cd. <i>Journal of Alloys and Compounds</i> , 2017, 706, 438-446.	2.8	45
16	Optical and sensing properties of Fe doped ZnO nanocrystalline thin films. <i>Materials Science-Poland</i> , 2016, 34, 354-361.	0.4	6
17	Coverage problem in wireless sensor networks: A survey. , 2016, , .		16
18	Optical studies of pure Te ₉₀ Se ₁₀ and Se ₉₀ Te ₁₀ chalcogenide. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0

#	ARTICLE	IF	CITATIONS
19	Optical and Sensing Properties of Cu Doped ZnO Nanocrystalline Thin Films. Journal of Nanotechnology, 2015, 2015, 1-10.	1.5	26
20	Enhancement in UV emission and band gap by Fe doping in ZnO thin films. Opto-electronics Review, 2014, 22, .	2.4	57
21	Impact of Bloom Filter on Infection Rate in Epidemic Forwarding for ICNs. Wireless Personal Communications, 2014, 75, 2165-2180.	1.8	1
22	Enhancement of band gap of ZnO nanocrystalline films at a faster rate using Sr dopant. Electronic Materials Letters, 2014, 10, 703-711.	1.0	34
23	Blue-light luminescence enhancement and increased band gap from calcium-doped zinc oxide nanoparticle films. Materials Science in Semiconductor Processing, 2014, 26, 259-266.	1.9	37
24	Structural and morphological properties of Ce doped ZnO. , 2013, , .		11
25	Dielectric properties of zinc oxide pellets. , 2009, , .		3