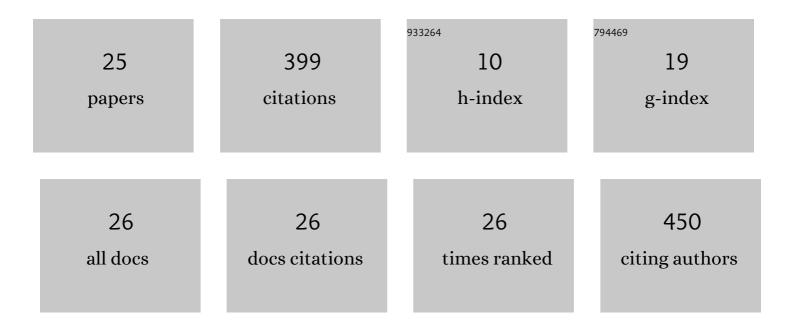
Nishant Kumar

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Enhancement in UV emission and band gap by Fe doping in ZnO thin films. Opto-electronics Review, 2014, 22, .	2.4	57
2	Faster photoresponse, enhanced photosensitivity and photoluminescence in nanocrystalline ZnO films suitably doped by Cd. Journal of Alloys and Compounds, 2017, 706, 438-446.	2.8	45
3	Green photoluminescence and photoconductivity from screen-printed Mg doped ZnO films. Journal of Alloys and Compounds, 2018, 735, 312-318.	2.8	38
4	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
5	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
6	Optical and Sensing Properties of Cu Doped ZnO Nanocrystalline Thin Films. Journal of Nanotechnology, 2015, 2015, 1-10.	1.5	26
7	Systematic study on the effect of Ag doping in shaping the magnetic properties of sol-gel derived TiO2 nanoparticles. Ceramics International, 2020, 46, 27832-27848.	2.3	24
8	Substrate free ultrasonic-assisted hydrothermal growth of ZnO nanoflowers at low temperature. SN Applied Sciences, 2020, 2, 1386.	1.5	18
9	Coverage problem in wireless sensor networks: A survey. , 2016, , .		16
10	Optical properties of ZnO nanoparticles synthesized by co-precipitation method using LiOH. Materials Today: Proceedings, 2018, 5, 9144-9147.	0.9	16
11	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. Materials Technology, 2021, 36, 541-551.	1.5	14
12	Structural and morphological properties of Ce doped ZnO. , 2013, , .		11
13	Optical and sensing properties of Al doped ZnO nanocrystalline thin films prepared by spray pyrolysis. Materials Today: Proceedings, 2018, 5, 9102-9107.	0.9	9
14	Tuning NBE emission and optical band gap of nanocrystalline ZnO thin films using Fe dopant. Materials Today: Proceedings, 2018, 5, 9089-9093.	0.9	8
15	Influence of alkali hydroxides on synthesis, physico-chemical and photoluminescence properties of zinc oxide nanoparticles. Materials Today: Proceedings, 2020, 29, 885-889.	0.9	8
16	Structural and physical parameters of sol-gel spin coated ZnO thin films: Effect of sol concentration. Materials Today: Proceedings, 2020, 29, 1098-1103.	0.9	8
17	Optical and sensing properties of Fe doped ZnO nanocrystalline thin films. Materials Science-Poland, 2016, 34, 354-361.	0.4	6
18	Growth and study of c-axis-oriented vertically aligned ZnO nanorods on seeded substrate. Journal of Materials Science: Materials in Electronics, 2021, 32, 15687-15706.	1.1	6

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#	Article	IF	CITATIONS
19	Synergistic effect of Fe and Ag co-doping on the persistent photoconductivity of vertical ZnO nanorods. Ceramics International, 2022, 48, 23002-23015.	2.3	5
20	Dielectric properties of zinc oxide pellets. , 2009, , .		3
21	Conduction Mechanism and Charge Transporting Property of Te 90-x Se 10 Cd x Chalcogenides by AC Conductivity and Dielectric Analysis. Materials Today: Proceedings, 2018, 5, 9041-9050.	0.9	3
22	Substrate free Defect-rich one dimensional ZnO nanostructures. Materials Today: Proceedings, 2021, 46, 2374-2378.	0.9	3
23	Enhancement in Visible Emission by the Doping of Ce in ZnO Thin Films. Journal of Nano- and Electronic Physics, 2021, 13, 02011-1-02011-3.	0.2	2
24	Impact of Bloom Filter on Infection Rate in Epidemic Forwarding for ICNs. Wireless Personal Communications, 2014, 75, 2165-2180.	1.8	1
25	Optical studies of pure Te90Se10 and Se90Te10 chalcogenide. AIP Conference Proceedings, 2016, , .	0.3	Ο