# Nishant Kumar

List of Publications by Year
in descending order

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

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| 25 | 399 | 933264 | 794469 |
|---|---|---|---|
| papers | citations | 10 | 19 |
| | | h-index | g-index |

| 26 | 26 | 26 | 450 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | 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 |

| # | 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 | 0 |