

# B N Dole

## List of Publications by Year in descending order

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44  
papers

2,065  
citations

567281

15  
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345221

36  
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45  
docs citations

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times ranked

2725  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inferring the physical properties of La-substituted ZnO nanorods and nanoflowers for the photodegradation of Congo red azo dye. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 8880-8892.	2.2	6
2	Photocatalytic performance of graphene-based Cr-substituted $\text{ZnS}$ nanocomposites. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	2.3	11
3	Development of oxygen vacancies and surface defects in Mn-doped ZnO nanoflowers for enhancing visible light photocatalytic activity. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	20
4	Exploring the role of defects on diverse properties of Cr-substituted ZnS nanostructures for photocatalytic applications. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	26
5	Synthesis, local structure and optical property studies of $\text{ZnS}$ microrods by synchrotron X-ray pair distribution function and micro-Raman shift. <i>RSC Advances</i> , 2020, 10, 21277-21282.	3.6	4
6	Doping effect on the local structure of metamagnetic Co doped Ni/NiO:GO core-shell nanoparticles using X-ray absorption spectroscopy and the pair distribution function. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 1294-1307.	2.8	15
7	One step synthesis of vertically grown Mn-doped ZnO nanorods for photocatalytic application. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 10886-10899.	2.2	28
8	Formation of defect, oxygen vacancy creation, and shifting of phonon mode by $\text{Li}^{3+}$ swift heavy ion irradiation on $\text{Zn}_{1-x}\text{Mn}_x\text{O}$ thin films. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1237-1248.	2.5	5
9	Preparation and study of $\text{Ni}^{7+}$ swift heavy ions irradiation on Mn doped ZnO thin films. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
10	A study on the synthesis, longitudinal optical phonon-plasmon coupling and electronic structure of Al doped ZnS nanorods. <i>RSC Advances</i> , 2017, 7, 12382-12390.	3.6	42
11	SHI irradiation effect on pure and Mn doped ZnO thin films. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
12	Local structural studies on Co doped ZnS nanowires by synchrotron X-ray atomic pair distribution function and micro-Raman shift. <i>RSC Advances</i> , 2017, 7, 37402-37411.	3.6	11
13	A study of the 160 MeV $\text{Ni}^{7+}$ swift heavy ion irradiation effect of defect creation and shifting of the phonon modes on $\text{Mn}_x\text{Zn}_{1-x}\text{O}$ thin films. <i>RSC Advances</i> , 2017, 7, 34736-34745.	3.6	23
14	Effect of silver doping on ZnO nanocrystals. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	3
15	Synthesis and different property of yttrium doped ZnS nanoparticles. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	6
16	Modified structural, surface morphological and optical studies of $\text{Li}^{3+}$ swift heavy ion irradiation on zinc oxide nanoparticles. <i>RSC Advances</i> , 2016, 6, 49068-49075.	3.6	34
17	A study of nanostructured ZnS polymorphs by synchrotron X-ray diffraction and atomic pair distribution function. <i>RSC Advances</i> , 2016, 6, 50479-50486.	3.6	13
18	A study on the synthesis, pair distribution function and diverse properties of cobalt doped ZnS nanowires. <i>CrystEngComm</i> , 2016, 18, 1439-1445.	2.6	18

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19	Structural, morphological, physical and dielectric properties of Mn doped ZnO nanocrystals synthesized by sol-gel method. <i>Materials and Design</i> , 2016, 96, 99-105.	7.0	98
20	Substitutional effect of Ni on different properties of ZnO nanocrystals. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	1
21	Structural, optical and antibacterial properties of yttriumdoped ZnO nanoparticles. <i>Ceramica</i> , 2015, 61, 457-461.	0.8	9
22	Effect of doping on structural, physical, morphological and optical properties of Zn <sup>1-1</sup> Mn O nano-particles. <i>Ceramics International</i> , 2015, 41, 15153-15161.	4.8	28
23	Synthesis and Characterization of Chromium Doped Zinc Sulfide Nanoparticles. <i>Open Access Library Journal (oalib)</i> , 2015, 02, 1-8.	0.2	6
24	Crystallographic and optical studies on Cr doped ZnS nanocrystals. <i>Ceramica</i> , 2014, 60, 425-428.	0.8	17
25	Structural and surface morphological study of Ni doped ZnS nanoparticles. , 2014, , .		1
26	Role of Pr in Eu-123 high Tc nanometer-sized superconductors. <i>Ceramics International</i> , 2013, 39, 7317-7321.	4.8	1
27	Effect of PEG on Structural and Magnetic Properties of Mn Doped ZnO Nanocrystals. <i>Advanced Materials Research</i> , 2013, 678, 234-238.	0.3	1
28	SYNTHESIS AND CHARACTERIZATION OF Mn SUBSTITUTED ZnO NANOPARTICLES. <i>International Journal of Nanoscience</i> , 2013, 12, 1350004.	0.7	2
29	Crystallographic, FTIR and optical property studies on Co doped ZnS nanometer-sized crystals. , 2013, , .		2
30	Structural, morphological and optical properties of Mn doped ZnS nanocrystals. <i>Ceramica</i> , 2013, 59, 614-619.	0.8	47
31	Structural, morphological and optical properties of Mn doped ZnS nanocrystals. <i>Ceramica</i> , 2013, 59, 395-400.	0.8	25
32	Synthesis and characterization of Mn doped ZnS nanometer-sized particles. <i>AIP Conference Proceedings</i> , 2012, , .	0.4	4
33	Williamson-Hall analysis in estimation of lattice strain in nanometer-sized ZnO particles. <i>Journal of Theoretical and Applied Physics</i> , 2012, 6, 1.	1.4	1,431
34	Synthesis and characterization of Pr substituted Gd-123 high-Tc superconductors. <i>Ceramica</i> , 2012, 58, 381-387.	0.8	1
35	Structural and morphological studies on Mn substituted ZnO nanometer-sized crystals. <i>Crystal Research and Technology</i> , 2011, 46, 705-710.	1.3	37
36	Structural studies of Mn doped ZnO nanoparticles. <i>Current Applied Physics</i> , 2011, 11, 762-766.	2.4	78

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37	Effect of temperature on the structural properties of Mn substituted ZnO nanoparticles. , 2011, , .		0
38	The Crystallographic Study of Pr Substituted Eu-123 High T[sub c] Cuprate Superconductors. , 2011, , .		0
39	ELASTIC BEHAVIOR OF Pr SUBSTITUTED Y-123 SUPERCONDUCTING MATERIALS. Modern Physics Letters B, 2006, 20, 843-847.	1.9	1
40	Effect of substitution of Ce on superconducting properties of Bi <sub>1.7</sub> Pb <sub>0.3</sub> Sr <sub>2</sub> Ca <sub>2</sub> <sup>x</sup> Ce <sub>x</sub> Cu <sub>3</sub> O <sub>10</sub> + $\delta$ system. Pramana - Journal of Physics, 2002, 58, 871-875.	1.8	6
41	Prospective payment. , 1985, , .		1
42	Scientific Exchange with the Soviets. Science, 1978, 202, 260-260.	12.6	1
43	Synthesis and Crystallographic Study of Co Doped ZnO Nano-Sized Powders by Co-Precipitation Method. Advanced Materials Research, 0, 678, 113-117.	0.3	0
44	Crystallographic & Electrical Properties of Pr Substituted Gd-123 Nanometre Sized High Temperature Superconductors. Advanced Materials Research, 0, 678, 172-176.	0.3	0