

Deo Prakash

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

583
citations

623734

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610901

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29
all docs

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docs citations

29
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	A decision support system for surveillance of smart cities via a novel aggregation operator on intuitionistic fuzzy sets. <i>Multimedia Tools and Applications</i> , 2022, 81, 22587-22608.	3.9	7
2	A deep learning based approach to detect IDC in histopathology images. <i>Multimedia Tools and Applications</i> , 2022, 81, 36309-36330.	3.9	5
3	Secure Cloud Data Storage System using Hybrid Paillier-Blowfish Algorithm. <i>Computers, Materials and Continua</i> , 2021, 67, 779-798.	1.9	25
4	UAVs path planning architecture for effective medical emergency response in future networks. <i>Physical Communication</i> , 2021, 47, 101337.	2.1	50
5	Deep Learning Based Mathematical Model for Feature Extraction to Detect Corona Virus Disease using Chest X-ray Images. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2021, 29, 921-947.	1.9	10
6	First-Principle Calculations of Structural, Elastic, and Electronic Properties of Intermetallic Rare Earth R_2Ni_2Pb ($R = Ho, Lu, \text{ and } Sm$) Compounds. <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 395-403.	1.8	90
7	COACT: a query interface language for collaborative databases. <i>Distributed and Parallel Databases</i> , 2018, 36, 121-151.	1.6	3
8	Optimized Routing for Efficient Data Dissemination in MANET to Meet the Fast-Changing Technology. <i>Journal of Global Information Management</i> , 2018, 26, 25-36.	2.8	0
9	Analysis of HLB pass filter using silicon photonics structure. <i>Optik</i> , 2017, 144, 522-527.	2.9	7
10	Computational investigations on band structure and electronic features of chromium-based carbides and nitride Cr_3PX ($X = \text{As and N}$) through the FP-APW+LO approach. <i>Superlattices and Microstructures</i> , 2017, 109, 1-12.	3.1	10
11	Compositional analysis and optical properties of Co doped TiO_2 thin films fabricated by spray pyrolysis method for dielectric and photocatalytic applications. <i>Optik</i> , 2017, 128, 212-217.	2.9	4
12	Effect of Cadmium Concentration on Structural, Optical, and Electrical Properties of $Cu_{2-x}Zn_{1-x}Cd_xSn_4$ Quinary Alloy Nanofibres, Synthesized by Electrospinning Technique. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-11.	2.7	12
13	Thickness-dependent dispersion parameters, energy gap and nonlinear refractive index of $ZnSe$ thin films. <i>Materials Research Bulletin</i> , 2016, 80, 120-126.	5.2	26
14	Fabrication, analysis and characterization of $Cu_2Zn_{1-x}Cd_xSn_4$ quinary alloy nanostructures deposited on GaN. <i>Journal of Materials Science</i> , 2016, 51, 6876-6885.	3.7	22
15	Zinc selenide nanoparticles ($ZnSe$ -NPs): Green synthesis and investigation of their cytotoxicity effects. <i>Ceramics International</i> , 2016, 42, 12115-12118.	4.8	15
16	High efficiency polymer grating SOI structures for optical interconnect: An application of organic photonics. <i>Optik</i> , 2016, 127, 10948-10952.	2.9	6
17	Optical analysis of lens-like Cu_2CdSn_4 quaternary alloy nanostructures. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	22
18	Structural, electronic, elastic, thermoelectric and thermodynamic properties of the $NbMSb$ half heusler ($M = Fe, Ru, Os$) compounds with first principle calculations. <i>Superlattices and Microstructures</i> , 2016, 93, 171-185.	3.1	31

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19	Investigations of the Structural, Electronic, Magnetic, and Half-Metallic Behavior of Co ₂ MnZ (Z = Al, Tj ETQq1 1 0.784314 rgBT /Overbo 809-817.	1.8	41
20	Realization and computational analysis of splitting in higher order optical vortices. <i>Optik</i> , 2016, 127, 5757-5760.	2.9	1
21	Combined theoretical studies of the optical characteristics of II-IV-V 2 semiconductor thin films. <i>Optical Materials</i> , 2016, 54, 200-206.	3.6	14
22	Investigation of optical properties of amorphous Ge 15 Se 85-x Cu x thin films using spectroscopic ellipsometry. <i>Solid State Sciences</i> , 2016, 52, 65-71.	3.2	10
23	Determination of the optical constants and film thickness of ZnTe and ZnS thin films in terms of spectrophotometric and spectroscopic ellipsometry. <i>Ceramics International</i> , 2016, 42, 2676-2685.	4.8	37
24	Synthesis, purification and microstructural characterization of nickel doped carbon nanotubes for spintronic applications. <i>Ceramics International</i> , 2016, 42, 5600-5606.	4.8	21
25	Post annealing effects on structural, optical and electrical properties of CuSbS ₂ thin films fabricated by combinatorial thermal evaporation technique. <i>Superlattices and Microstructures</i> , 2016, 89, 136-144.	3.1	30
26	Computational analysis of higher order optical vortex. <i>Optik</i> , 2016, 127, 722-727.	2.9	2
27	Optical investigations of blue shift in ZnS quantum dots. <i>Superlattices and Microstructures</i> , 2015, 88, 662-667.	3.1	27
28	Optical investigation of nanophotonic lithium niobate-based optical waveguide. <i>Applied Physics B: Lasers and Optics</i> , 2015, 121, 107-116.	2.2	52
29	Growth of (111) Oriented CeO ₂ Thin Films and Their Structural and Optical Properties. <i>Science of Advanced Materials</i> , 2012, 4, 1154-1159.	0.7	3