

# Santosh Dubey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8698058/publications.pdf>

Version: 2024-02-01

19  
papers

162  
citations

1307594

7  
h-index

1125743

13  
g-index

19  
all docs

19  
docs citations

19  
times ranked

259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical impedimetric analysis of different dimensional (0D–2D) carbon nanomaterials for effective biosensing of L-tyrosine. <i>Measurement Science and Technology</i> , 2022, 33, 014002.	2.6	2
2	Atomistic Simulation Studies of the Mechanical and Thermal Properties of Silver Nanowires as Interconnects for Nanoelectronics Applications. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 111-121.	0.6	0
3	Growth of low resistive nickel mono-silicide phase under low energy Si ion irradiation at room temperature. <i>Thin Solid Films</i> , 2021, 733, 138826.	1.8	1
4	Theoretical and computational studies on nanofriction: A review. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2020, 234, 448-465.	1.8	6
5	Influence of Al and Al-Cu dual doping on structural, optical, wetting and anti-fungal properties of ZnO nanoparticles. <i>Materials Research Innovations</i> , 2020, 24, 385-394.	2.3	4
6	Assessment of losses in cadmium telluride and micromorph based thin film photovoltaic systems under real operating conditions. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
7	Molecular Dynamics Simulations of Deformation Behaviour of Gold Nanowires. <i>Journal of Nanotechnology</i> , 2019, 2019, 1-5.	3.4	11
8	Life cycle assessment of the 3.2 kW cadmium telluride (CdTe) photovoltaic system in composite climate of India. <i>Solar Energy</i> , 2018, 159, 415-422.	6.1	33
9	Stereolithographic 3D Printed Microfluidic Viscometer for Rapid Detection of Automobile Fuel Adulteration. <i>Sensor Letters</i> , 2017, 15, 545-551.	0.4	3
10	Rapid and Automated Measurement of Milk Adulteration Using a 3D Printed Optofluidic Microviscometer (OMV). <i>IEEE Sensors Journal</i> , 2016, 16, 3000-3007.	4.7	34
11	A defect-based model of radiation-induced segregation to free surfaces in binary alloys. <i>Computational Materials Science</i> , 2015, 106, 111-122.	3.0	8
12	On the Issue of Radiation-Induced Instability in Binary Solid Solutions. <i>Conference Papers in Science</i> , 2014, 2014, 1-5.	0.3	0
13	Study of Magnetic Property of Sn Doped Ni-Zn-Fe Nanoparticles. <i>Conference Papers in Science</i> , 2014, 2014, 1-4.	0.3	5
14	Computational modeling of radiation-induced segregation in concentrated binary alloys. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1526, 1.	0.1	1
15	Irradiation-induced composition patterns in binary solid solutions. <i>Journal of Applied Physics</i> , 2013, 114, 124901.	2.5	10
16	Irradiation-Driven Compositional Changes in Alloys. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1369, 1.	0.1	0
17	Phase transition properties of 3D Potts models. <i>Nuclear Physics B</i> , 2008, 802, 421-434.	2.5	26
18	Finite Volume Kolmogorov-Johnson-Mehl-Avrami Theory. <i>Physical Review Letters</i> , 2008, 100, 165702.	7.8	17

#	ARTICLE	IF	CITATIONS
19	A neural network model of PV module temperature as a function of weather parameters prevailing in composite climate zone of India. International Journal of Ambient Energy, 0, , 1-5.	2.5	0