

Santosh Dubey

List of Publications by Year in descending order

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

#	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