

Prasanna Kumar Mondal

List of Publications by Year in descending order

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18
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1163117

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citing authors

#	ARTICLE	IF	CITATIONS
1	Lattice dynamics of Ge _{1-x} Sn _x alloy nanowires. <i>Nanoscale</i> , 2022, , .	5.6	0
2	Tailoring light-matter interaction in WS ₂ “gold nanoparticles hybrid systems. <i>Physical Review B</i> , 2019, 100, .	3.2	11
3	The gamma ray detection threshold temperature of different superheated droplet detectors. <i>Applied Radiation and Isotopes</i> , 2018, 139, 127-130.	1.5	1
4	Evaluation of neutron contamination in ²⁴¹ Am gamma-ray source. <i>Radiation Measurements</i> , 2018, 119, 1-5.	1.4	1
5	Note: A new optical method for the detection of bubble nucleation in superheated droplet detector. <i>Review of Scientific Instruments</i> , 2017, 88, 066106.	1.3	0
6	Study of acoustic emission due to vaporisation of superheated droplets at higher pressure. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 2531-2537.	2.1	5
7	Response of Superheated Droplet Detector (SDD) and Bubble Detector (BD) to interrupted irradiations. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 857, 111-114.	1.6	1
8	Photoluminescence modulation due to conversion of trions to excitons and plasmonic interaction in MoS ₂ -metal NPs hybrid structures. <i>Journal of Alloys and Compounds</i> , 2017, 723, 722-728.	5.5	16
9	Direct Observation of Kinetic Pathways of Biomolecular Recognition. <i>Chemistry - A European Journal</i> , 2015, 21, 16172-16177.	3.3	10
10	Ultrafast FRET at fiber tips: Potential applications in sensitive remote sensing of molecular interaction. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 381-388.	7.8	17
11	An alternative method for the measurement of neutron flux. <i>Pramana - Journal of Physics</i> , 2015, 85, 685-690.	1.8	0
12	Direct Observation of Coupling between Structural Fluctuation and Ultrafast Hydration Dynamics of Fluorescent Probes in Anionic Micelles. <i>Journal of Physical Chemistry B</i> , 2015, 119, 10849-10857.	2.6	34
13	Characterization of R-134a superheated droplet detector for neutron detection. <i>Applied Radiation and Isotopes</i> , 2014, 90, 1-7.	1.5	8
14	DNA-Mediated Wirelike Clusters of Silver Nanoparticles: An Ultrasensitive SERS Substrate. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 7798-7807.	8.0	97
15	Study of low frequency acoustic signals from superheated droplet detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 729, 182-187.	1.6	16
16	Study of gamma ray response of R404A superheated droplet detector using a two-state model. <i>Applied Radiation and Isotopes</i> , 2013, 77, 61-67.	1.5	4
17	Characteristics of acoustic emissions during nucleation of superheated droplets. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011, 375, 237-244.	2.1	7
18	An active device for volumetric measurement of drop nucleation in a superheated emulsion detector. <i>Measurement Science and Technology</i> , 2008, 19, 105802.	2.6	8