

Gundam Sandeep Kumar

List of Publications by Year in descending order

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16
papers

479
citations

933447

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996975

15
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docs citations

16
times ranked

960
citing authors

#	ARTICLE	IF	CITATIONS
1	Size Tunable Cesium Antimony Chloride Perovskite Nanowires and Nanorods. <i>Chemistry of Materials</i> , 2018, 30, 2135-2142.	6.7	132
2	Demonstration of Ultrarapid Interfacial Formation of 1D Fullerene Nanorods with Photovoltaic Properties. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 15597-15603.	8.0	66
3	Easy extraction of water-soluble graphene quantum dots for light emitting diodes. <i>RSC Advances</i> , 2015, 5, 27711-27716.	3.6	60
4	Transparent, Flexible Silicon Nanostructured Wire Networks with Seamless Junctions for High-Performance Photodetector Applications. <i>ACS Nano</i> , 2018, 12, 4727-4735.	14.6	51
5	Supramolecular Aggregates of Tetraphenylethene-Cored AlEgen toward Mechanoluminescent and Electroluminescent Devices. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17409-17418.	8.0	31
6	Hierarchical heterostructure of Ag-nanoparticle decorated fullerene nanorods (Ag@FNRs) as an effective single particle freestanding SERS substrate. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 18873-18878.	2.8	27
7	Induced Aggregation of AlE-Active Mono-Cyclometalated Ir(III) Complex into Supramolecular Branched Wires for Light-Emitting Diodes. <i>Small</i> , 2017, 13, 1603780.	10.0	23
8	Enhancing Performances of Hybrid Perovskite Light Emitting Diodes with Thickness Controlled PMMA Interlayer. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 1241-1248.	3.2	22
9	Large-area transparent flexible guanidinium incorporated MAPbI ₃ microstructures for high-performance photodetectors with enhanced stability. <i>Nanoscale Horizons</i> , 2020, 5, 696-704.	8.0	15
10	Transparent, flexible MAPbI ₃ perovskite microwire arrays passivated with ultra-hydrophobic supramolecular self-assembly for stable and high-performance photodetectors. <i>Nanoscale</i> , 2020, 12, 11986-11996.	5.6	14
11	Resonant energy transfer in a van der Waals stacked MoS ₂ @ functionalized graphene quantum dot composite with <i>in situ</i> validation. <i>Nanoscale</i> , 2018, 10, 16822-16829.	5.6	10
12	Perovskite Nanowires for Next-Generation Optoelectronic Devices: Lab to Fab. <i>ACS Applied Energy Materials</i> , 2022, 5, 1342-1377.	5.1	9
13	Vortex-Aligned Ordered Film of Crystalline Fullerene C ₇₀ Microtubes with Enhanced Photoluminescence and Photovoltaics Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 2971-2978.	0.9	8
14	Colossal magnetoresistance in amino-functionalized graphene quantum dots at room temperature: manifestation of weak anti-localization and doorway to spintronics. <i>Nanoscale</i> , 2016, 8, 8245-8254.	5.6	6
15	Raman imaging and stress quantification in self-assembled graphene oxide fiber @Latin Letters™. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 845-851.	2.5	3
16	Probing the charge transfer and electron-hole asymmetry in graphene-graphene quantum dot heterostructure. <i>Nanotechnology</i> , 2022, 33, 325704.	2.6	2