

# Gundam Sandeep Kumar

## List of Publications by Year in descending order

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16  
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933447

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docs citations

16  
times ranked

960  
citing authors

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