

Sandeep Kumar Gundam

List of Publications by Citations

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21
papers

470
citations

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h-index

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g-index

22
ext. papers

567
ext. citations

7
avg, IF

3.76
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 21 | Size Tunable Cesium Antimony Chloride Perovskite Nanowires and Nanorods. <i>Chemistry of Materials</i> , 2018 , 30, 2135-2142 | 9.6 | 86 |
| 20 | Insight into the mechanism revealing the peroxidase mimetic catalytic activity of quaternary CuZnFeS nanocrystals: colorimetric biosensing of hydrogen peroxide and glucose. <i>Nanoscale</i> , 2015 , 7, 9062-74 | 7.7 | 64 |
| 19 | Demonstration of ultrarapid interfacial formation of 1D fullerene nanorods with photovoltaic properties. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 15597-603 | 9.5 | 60 |
| 18 | Easy extraction of water-soluble graphene quantum dots for light emitting diodes. <i>RSC Advances</i> , 2015 , 5, 27711-27716 | 3.7 | 44 |
| 17 | Transparent, Flexible Silicon Nanostructured Wire Networks with Seamless Junctions for High-Performance Photodetector Applications. <i>ACS Nano</i> , 2018 , 12, 4727-4735 | 16.7 | 41 |
| 16 | Supramolecular Aggregates of Tetraphenylethene-Cored AIEgen toward Mechanoluminescent and Electroluminescent Devices. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 17409-17418 | 9.5 | 22 |
| 15 | 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 | 3.6 | 19 |
| 14 | Induced Aggregation of AIE-Active Mono-Cyclometalated Ir(III) Complex into Supramolecular Branched Wires for Light-Emitting Diodes. <i>Small</i> , 2017 , 13, 1603780 | 11 | 18 |
| 13 | Encapsulation of CsPbBr ₃ Nanocrystals by a Tripodal Amine Markedly Improves Photoluminescence and Stability Concomitantly via Anion Defect Elimination. <i>Chemistry of Materials</i> , 2020 , 32, 7159-7171 | 9.6 | 18 |
| 12 | Quasi-2D perovskite emitters: a boon for efficient blue light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 14334-14347 | 7.1 | 17 |
| 11 | Shape-controlled cobalt phosphide nanoparticles as volatile organic solvent sensor. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 4967-4977 | 7.1 | 15 |
| 10 | 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 | 5.1 | 14 |
| 9 | Triboelectric generator composed of bulk poly(vinylidene fluoride) and polyethylene polymers for mechanical energy conversion. <i>RSC Advances</i> , 2016 , 6, 910-917 | 3.7 | 10 |
| 8 | 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 | 7.7 | 9 |
| 7 | Large-area transparent flexible guanidinium incorporated MAPbI ₃ microstructures for high-performance photodetectors with enhanced stability. <i>Nanoscale Horizons</i> , 2020 , 5, 696-704 | 10.8 | 8 |
| 6 | Vortex-Aligned Ordered Film of Crystalline Fullerene C Microtubes with Enhanced Photoluminescence and Photovoltaics Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 2971-2978 | 1.3 | 6 |
| 5 | 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, 8245-54 | 7.7 | 6 |

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| 4 | Resonant energy transfer in a van der Waals stacked MoS - functionalized graphene quantum dot composite with ab initio validation. <i>Nanoscale</i> , 2018 , 10, 16822-16829 | 7.7 | 6 |
| 3 | Synthesis of High Molecular Weight 1,4-Polynaphthalene for Solution-Processed True Color Blue Light Emitting Diode. <i>Macromolecules</i> , 2018 , 51, 8324-8329 | 5.5 | 5 |
| 2 | Raman imaging and stress quantification in self-assembled graphene oxide fiber [Latin Letters] <i>Journal of Raman Spectroscopy</i> , 2016 , 47, 845-851 | 2.3 | 2 |
| 1 | Perovskite Nanowires for Next-Generation Optoelectronic Devices: Lab to Fab. <i>ACS Applied Energy Materials</i> , | 6.1 | 0 |