

# Sindu Shree

## List of Publications by Year in descending order

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17  
papers

624  
citations

759233

12  
h-index

888059

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docs citations

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times ranked

1126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualizing Intrinsic 3D Strain Distribution in Gold Coated ZnO Microstructures by Bragg Coherent X-Ray Diffraction Imaging and Transmission Electron Microscopy with Respect to Piezotronic Applications. <i>Advanced Electronic Materials</i> , 2021, 7, 2100546.	5.1	2
2	Self-reporting mechanochromic coating: a glassfiber reinforced polymer composite that predicts impact induced damage. <i>Materials Horizons</i> , 2020, 7, 598-604.	12.2	27
3	Advanced Hybrid GaN/ZnO Nanoarchitected Microtubes for Fluorescent Micromotors Driven by UV Light. <i>Small</i> , 2020, 16, 1905141.	10.0	18
4	Mechanochromic Microfibers Stabilized by Polymer Blending. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2055-2062.	4.4	8
5	Terahertz shielding properties of aero-GaN. <i>Semiconductor Science and Technology</i> , 2019, 34, 12LT02.	2.0	13
6	Electromagnetic interference shielding in X-band with aero-GaN. <i>Nanotechnology</i> , 2019, 30, 34LT01.	2.6	12
7	Effect of noble metal functionalization and film thickness on sensing properties of sprayed TiO <sub>2</sub> ultra-thin films. <i>Sensors and Actuators A: Physical</i> , 2019, 293, 242-258.	4.1	19
8	Sensing up to 40% atm Using Pressure Sensitive Aero-GaN. <i>Physica Status Solidi - Rapid Research Letters</i> , 2019, 13, 1900012.	2.4	13
9	Mutual interplay of ZnO micro- and nanowires and methylene blue during cyclic photocatalysis process. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103016.	6.7	92
10	Perfect polymer interlocking by spherical particles: capillary force shapes hierarchical composite undercuts. <i>Nanoscale Horizons</i> , 2019, 4, 947-952.	8.0	10
11	ZnO tetrapods and activated carbon based hybrid composite: Adsorbents for enhanced decontamination of hexavalent chromium from aqueous solution. <i>Chemical Engineering Journal</i> , 2019, 358, 540-551.	12.7	170
12	Buckminsterfullerene hybridized zinc oxide tetrapods: defects and charge transfer induced optical and electrical response. <i>Nanoscale</i> , 2018, 10, 10050-10062.	5.6	44
13	Zinc oxide nanotetrapods with four different arm morphologies for versatile nanosensors. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 425-435.	7.8	50
14	Corset-like solid electrolyte interface for fast charging of silicon wire anodes. <i>Journal of Power Sources</i> , 2018, 381, 8-17.	7.8	7
15	Ultra-thin TiO <sub>2</sub> films by atomic layer deposition and surface functionalization with Au nanodots for sensing applications. <i>Materials Science in Semiconductor Processing</i> , 2018, 87, 44-53.	4.0	30
16	Light, Force, and Heat: A Multi-Stimuli Composite that Reveals its Violent Past. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 38000-38007.	8.0	37
17	Nanostructured Fibrous Membranes with Rose Spike-Like Architecture. <i>Nano Letters</i> , 2017, 17, 6235-6240.	9.1	72