Sindu Shree

List of Publications by Year
in descending order

17	624	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	1126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ZnO tetrapods and activated carbon based hybrid composite: Adsorbents for enhanced decontamination of hexavalent chromium from aqueous solution. Chemical Engineering Journal, 2019, 358, 540-551.	12.7	170
2	Mutual interplay of ZnO micro- and nanowires and methylene blue during cyclic photocatalysis process. Journal of Environmental Chemical Engineering, 2019, 7, 103016.	6.7	92
3	Nanostructured Fibrous Membranes with Rose Spike-Like Architecture. Nano Letters, 2017, 17, 6235-6240.	9.1	72
4	Zinc oxide nanotetrapods with four different arm morphologies for versatile nanosensors. Sensors and Actuators B: Chemical, 2018, 262, 425-435.	7.8	50
5	Buckminsterfullerene hybridized zinc oxide tetrapods: defects and charge transfer induced optical and electrical response. Nanoscale, 2018, 10, 10050-10062.	5.6	44
6	Light, Force, and Heat: A Multi-Stimuli Composite that Reveals its Violent Past. ACS Applied Materials & Interfaces, 2017, 9, 38000-38007.	8.0	37
7	Ultra-thin TiO2 films by atomic layer deposition and surface functionalization with Au nanodots for sensing applications. Materials Science in Semiconductor Processing, 2018, 87, 44-53.	4.0	30
8	Self-reporting mechanochromic coating: a glassfiber reinforced polymer composite that predicts impact induced damage. Materials Horizons, 2020, 7, 598-604.	12.2	27
9	Effect of noble metal functionalization and film thickness on sensing properties of sprayed TiO2 ultra-thin films. Sensors and Actuators A: Physical, 2019, 293, 242-258.	4.1	19
10	Advanced Hybrid GaN/ZnO Nanoarchitectured Microtubes for Fluorescent Micromotors Driven by UV Light. Small, 2020, 16, 1905141.	10.0	18
11	Terahertz shielding properties of aero-GaN. Semiconductor Science and Technology, 2019, 34, 12LT02.	2.0	13
12	Sensing up to 40â€‰atm Using Pressureâ€Sensitive Aeroâ€GaN. Physica Status Solidi - Rapid Research Letters, 2019, 13, 1900012.	2.4	13
13	Electromagnetic interference shielding in X-band with aero-GaN. Nanotechnology, 2019, 30, 34LT01.	2.6	12
14	Perfect polymer interlocking by spherical particles: capillary force shapes hierarchical composite undercuts. Nanoscale Horizons, 2019, 4, 947-952.	8.0	10
15	Mechanochromic Microfibers Stabilized by Polymer Blending. ACS Applied Polymer Materials, 2020, 2, 2055-2062.	4.4	8
16	Corset-like solid electrolyte interface for fast charging of silicon wire anodes. Journal of Power Sources, 2018, 381, 8-17.	7.8	7
17	Visualizing Intrinsic 3Dâ€Strain Distribution in Gold Coated ZnO Microstructures by Bragg Coherent Xâ€Ray Diffraction Imaging and Transmission Electron Microscopy with Respect to Piezotronic Applications. Advanced Electronic Materials, 2021, 7, 2100546.	5.1	2