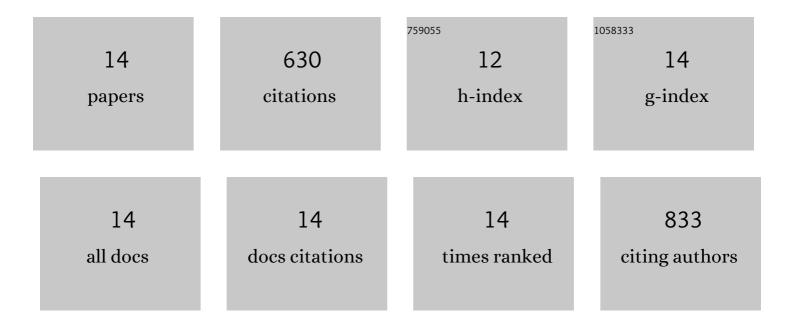
## Bichitra Nanda Sahoo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Superhydrophobic silicone-coating on carbon foam for efficient oil adsorption. Materials Letters, 2022, 311, 131525.	1.3	2
2	Facile method for the preparation of high-performance photodetectors with a GQDs/perovskite bilayer heterostructure. Organic Electronics, 2020, 76, 105444.	1.4	21
3	Superhydrophobic, Transparent, and Stretchable 3D Hierarchical Wrinkled Filmâ€Based Sensors for Wearable Applications. Advanced Materials Technologies, 2019, 4, 1900230.	3.0	60
4	Chemical and Physical Pathways for Fabricating Flexible Superamphiphobic Surfaces with High Transparency. Coatings, 2018, 8, 47.	1.2	21
5	PDMS/camphor soot composite coating: towards a self-healing and a self-cleaning superhydrophobic surface. RSC Advances, 2017, 7, 15027-15040.	1.7	43
6	Development of Dual-Phobic Surfaces: Superamphiphobicity in Air and Oleophobicity Underwater. ACS Sustainable Chemistry and Engineering, 2017, 5, 6716-6726.	3.2	21
7	Thermally Triggered Transition of Superhydrophobic Characteristics of Micro- and Nanotextured Multiscale Rough Surfaces. Journal of Physical Chemistry C, 2015, 119, 14201-14213.	1.5	27
8	A nanocellular PVDF–graphite water-repellent composite coating. RSC Advances, 2015, 5, 6743-6751.	1.7	22
9	Controlled fabrication of non-fluoro polymer composite film with hierarchically nano structured fibers. Progress in Organic Coatings, 2014, 77, 904-907.	1.9	19
10	An experimental design for the investigation of water repellent property of candle soot particles. Materials Chemistry and Physics, 2014, 148, 134-142.	2.0	72
11	Photoluminescent carbon soot particles derived from controlled combustion of camphor for superhydrophobic applications. RSC Advances, 2014, 4, 11331.	1.7	99
12	Facile synthesis of nano cauliflower and nano broccoli like hierarchical superhydrophobic composite coating using PVDF/carbon soot particles via gelation technique. Journal of Colloid and Interface Science, 2014, 436, 111-121.	5.0	48
13	Recent progress in fabrication and characterisation of hierarchical biomimetic superhydrophobic structures. RSC Advances, 2014, 4, 22053.	1.7	163
14	Effect of TiO <sub><b>2</b></sub> Powder on the Surface Morphology of Micro/Nanoporous Structured Hydrophobic Fluoropolymer Based Composite Material. Journal of Polymers, 2013, 2013, 1-4.	0.9	12