

# Hridam Deb

## List of Publications by Year in descending order

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17  
papers

326  
citations

759233

12  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

387  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of PVDF-TrFE based electrospun nanofibers decorated with PEDOT-CNT/rGO composites for piezo-electric pressure sensor. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 14007-14021.	2.2	46
2	Continuous dyeing of graphene on cotton fabric: Binder-free approach for electromagnetic shielding. <i>Applied Surface Science</i> , 2019, 496, 143636.	6.1	34
3	Titania-loaded cellulose-based functional hybrid nanomaterial for photocatalytic degradation of toxic aromatic dye in water. <i>Journal of Water Process Engineering</i> , 2020, 33, 101062.	5.6	30
4	Controlled template-free in-situ polymerization of PEDOT for enhanced thermoelectric performance on textile substrate. <i>Organic Electronics</i> , 2019, 75, 105368.	2.6	28
5	Functionalization of polypropylene nonwoven fabrics using cold plasma (O <sub>2</sub> ) for developing graphene-based wearable sensors. <i>Sensors and Actuators A: Physical</i> , 2019, 300, 111637.	4.1	27
6	All organic graphene oxide and Poly (3, 4-ethylene dioxythiophene) - Poly (styrene sulfonate) coated knitted textile fabrics for wearable electrocardiography (ECG) monitoring. <i>Synthetic Metals</i> , 2020, 263, 116329.	3.9	26
7	Immobilization of Cationic Titanium Dioxide (TiO <sub>2</sub> <sup>+</sup> ) on Electrospun Nanofibrous Mat: Synthesis, Characterization, and Potential Environmental Application. <i>Fibers and Polymers</i> , 2018, 19, 1715-1725.	2.1	25
8	Design and development of TiO <sub>2</sub> -FeO nanoparticle-immobilized nanofibrous mat for photocatalytic degradation of hazardous water pollutants. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4842-4854.	2.2	20
9	Effective removal of calcium ions from simulated hard water using electrospun polyelectrolyte nanofibrous mats. <i>Fibers and Polymers</i> , 2016, 17, 1428-1437.	2.1	18
10	Nature inspired rGO-TiO <sub>2</sub> micro-flowers on polyester fabric using semi-continuous dyeing method: A binder-free approach towards durable antibacterial performance. <i>Synthetic Metals</i> , 2020, 261, 116298.	3.9	17
11	Sonochemical fabrication of nanocrystalline titanium dioxide (TiO <sub>2</sub> ) in cotton fiber for durable ultraviolet resistance. <i>Journal of Natural Fibers</i> , 2020, 17, 41-54.	3.1	16
12	Ultra-sensitive all organic PVDF-TrFE E-spun nanofibers with enhanced $\beta$ -phase for piezoelectric response. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 3965-3981.	2.2	14
13	Kinetics & dynamic studies of dye adsorption by porous graphene nano-adsorbent for facile toxic wastewater remediation. <i>Journal of Water Process Engineering</i> , 2022, 47, 102818.	5.6	8
14	Phase selection of calcium carbonate crystals under the induction of lignin monomer model compounds. <i>CrystEngComm</i> , 2020, 22, 2454-2461.	2.6	6
15	Eco-friendly UV Blocking Finishes Extracted from <i>Amaranthus viridis</i> and <i>Solanum nigrum</i> . <i>Tekstiles</i> , 2018, 61, 93-100.	0.6	5
16	Synthesis of an Eco-friendly Bamboo Cellulose-grafted-polyacrylamide Flocculant and Its Flocculation Performance on Papermaking Wastewater. <i>Fibers and Polymers</i> , 2021, 22, 1518-1525.	2.1	4
17	Formation and Phase Selection of CaCO <sub>3</sub> in the Intervention of Lignin Monomer Model Compounds. <i>Crystal Research and Technology</i> , 2021, 56, 2000187.	1.3	2