

# Hridam Deb

## List of Publications by Year in descending order

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17  
papers

326  
citations

758635

12  
h-index

887659

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

387  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.1	14
2	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.	2.6	8
3	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.	1.1	4
4	Formation and Phase Selection of $\text{CaCO}_3$ in the Intervention of Lignin Monomer Model Compounds. <i>Crystal Research and Technology</i> , 2021, 56, 2000187.	0.6	2
5	Sonochemical fabrication of nanocrystalline titanium dioxide ( $\text{TiO}_2$ ) in cotton fiber for durable ultraviolet resistance. <i>Journal of Natural Fibers</i> , 2020, 17, 41-54.	1.7	16
6	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.	2.6	30
7	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.	2.1	26
8	Phase selection of calcium carbonate crystals under the induction of lignin monomer model compounds. <i>CrystEngComm</i> , 2020, 22, 2454-2461.	1.3	6
9	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.	2.1	17
10	Controlled template-free in-situ polymerization of PEDOT for enhanced thermoelectric performance on textile substrate. <i>Organic Electronics</i> , 2019, 75, 105368.	1.4	28
11	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.	1.1	46
12	Continuous dyeing of graphene on cotton fabric: Binder-free approach for electromagnetic shielding. <i>Applied Surface Science</i> , 2019, 496, 143636.	3.1	34
13	Functionalization of polypropylene nonwoven fabrics using cold plasma ( $\text{O}_2$ ) for developing graphene-based wearable sensors. <i>Sensors and Actuators A: Physical</i> , 2019, 300, 111637.	2.0	27
14	Design and development of $\text{TiO}_2$ -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.	1.1	20
15	Immobilization of Cationic Titanium Dioxide ( $\text{TiO}_2^+$ ) on Electrospun Nanofibrous Mat: Synthesis, Characterization, and Potential Environmental Application. <i>Fibers and Polymers</i> , 2018, 19, 1715-1725.	1.1	25
16	Eco-friendly UV Blocking Finishes Extracted from <i>Amaranthus viridis</i> and <i>Solanum nigrum</i> . <i>Tekstilec</i> , 2018, 61, 93-100.	0.3	5
17	Effective removal of calcium ions from simulated hard water using electrospun polyelectrolyte nanofibrous mats. <i>Fibers and Polymers</i> , 2016, 17, 1428-1437.	1.1	18