

Hridam Deb

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

326
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759233

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387
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-sensitive all organic PVDF-TrFE E-spun nanofibers with enhanced β^2 -phase for piezoelectric response. Journal of Materials Science: Materials in Electronics, 2022, 33, 3965-3981.	2.2	14
2	Kinetics & dynamic studies of dye adsorption by porous graphene nano-adsorbent for facile toxic wastewater remediation. Journal of Water Process Engineering, 2022, 47, 102818.	5.6	8
3	Synthesis of an Eco-friendly Bamboo Cellulose-grafted-polyacrylamide Flocculant and Its Flocculation Performance on Papermaking Wastewater. Fibers and Polymers, 2021, 22, 1518-1525.	2.1	4
4	Formation and Phase Selection of CaCO_3 in the Intervention of Lignin Monomer Model Compounds. Crystal Research and Technology, 2021, 56, 2000187.	1.3	2
5	Sonochemical fabrication of nanocrystalline titanium dioxide (TiO_2) in cotton fiber for durable ultraviolet resistance. Journal of Natural Fibers, 2020, 17, 41-54.	3.1	16
6	Titania-loaded cellulose-based functional hybrid nanomaterial for photocatalytic degradation of toxic aromatic dye in water. Journal of Water Process Engineering, 2020, 33, 101062.	5.6	30
7	All organic graphene oxide and Poly (3, 4-ethylene dioxythiophene) - Poly (styrene sulfonate) coated knitted textile fabrics for wearable electrocardiography (ECG) monitoring. Synthetic Metals, 2020, 263, 116329.	3.9	26
8	Phase selection of calcium carbonate crystals under the induction of lignin monomer model compounds. CrystEngComm, 2020, 22, 2454-2461.	2.6	6
9	Nature inspired rGO-TiO ₂ micro-flowers on polyester fabric using semi-continuous dyeing method: A binder-free approach towards durable antibacterial performance. Synthetic Metals, 2020, 261, 116298.	3.9	17
10	Controlled template-free in-situ polymerization of PEDOT for enhanced thermoelectric performance on textile substrate. Organic Electronics, 2019, 75, 105368.	2.6	28
11	Preparation of PVDF-TrFE based electrospun nanofibers decorated with PEDOT-CNT/rGO composites for piezo-electric pressure sensor. Journal of Materials Science: Materials in Electronics, 2019, 30, 14007-14021.	2.2	46
12	Continuous dyeing of graphene on cotton fabric: Binder-free approach for electromagnetic shielding. Applied Surface Science, 2019, 496, 143636.	6.1	34
13	Functionalization of polypropylene nonwoven fabrics using cold plasma (O_2) for developing graphene-based wearable sensors. Sensors and Actuators A: Physical, 2019, 300, 111637.	4.1	27
14	Design and development of TiO_2 -FeO nanoparticle-immobilized nanofibrous mat for photocatalytic degradation of hazardous water pollutants. Journal of Materials Science: Materials in Electronics, 2019, 30, 4842-4854.	2.2	20
15	Immobilization of Cationic Titanium Dioxide (TiO_2^+) on Electrospun Nanofibrous Mat: Synthesis, Characterization, and Potential Environmental Application. Fibers and Polymers, 2018, 19, 1715-1725.	2.1	25
16	Eco-friendly UV Blocking Finishes Extracted from <i>Amaranthus viridis</i> and <i>Solanum nigrum</i> . Tekstilec, 2018, 61, 93-100.	0.6	5
17	Effective removal of calcium ions from simulated hard water using electrospun polyelectrolyte nanofibrous mats. Fibers and Polymers, 2016, 17, 1428-1437.	2.1	18