Arit Das

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9497881/publications.pdf

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17	378	1040056	940533
papers	citations	9	16
		h-index	g-index

17	17	17	327
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterizing friction for fiber reinforced composites manufacturing: Method development and effect of process parameters. Composites Part B: Engineering, 2022, 236, 109777.	12.0	5
2	Photocatalytic Degradation of Polycyclic Aromatic Hydrocarbons in Water by 3D Printed TiO₂ Composites. ACS ES&T Water, 2022, 2, 137-147.	4.6	20
3	Advances in modeling transport phenomena in material-extrusion additive manufacturing: Coupling momentum, heat, and mass transfer. Progress in Additive Manufacturing, 2021, 6, 3-17.	4.8	27
4	Nanoribbons fabricated by melt electrospinning. Polymer Journal, 2021, 53, 493-503.	2.7	5
5	Additive Manufacturing for Contaminants: Ammonia Removal Using 3D Printed Polymer-Zeolite Composites. ACS ES&T Water, 2021, 1, 621-629.	4.6	16
6	Importance of Polymer Rheology on Material Extrusion Additive Manufacturing: Correlating Process Physics to Print Properties. ACS Applied Polymer Materials, 2021, 3, 1218-1249.	4.4	116
7	Ageing of PBFâ€Grade Poly(Phenylene Sulfide) Powder and its Effect on Critical Printability Properties. Macromolecular Materials and Engineering, 2021, 306, 2000599.	3.6	3
8	Rheological investigation of nylonâ€carbon fiber composites fabricated using material extrusionâ€based additive manufacturing. Polymer Composites, 2021, 42, 6010-6024.	4.6	27
9	Development of copperâ€”iron bimetallic nanoparticle impregnated activated carbon derived from coconut husk and its efficacy as a novel adsorbent toward the removal of chromium (VI) from aqueous solution. Water Environment Research, 2021, 93, 1417-1427.	2.7	4
10	Material Extrusion-Based Additive Manufacturing with Blends of Polypropylene and Hydrocarbon Resins. ACS Applied Polymer Materials, 2020, 2, 911-921.	4.4	42
11	High shear capillary rheometry of cellulose nanocrystals for industrially relevant processing. Carbohydrate Polymers, 2020, 231, 115735.	10.2	13
12	Development of Mango Peel Derived Activated Carbonâ€Nickel Nanocomposite as an Adsorbent towards Removal of Heavy Metal and Organic Dye Removal from Aqueous Solution. ChemistrySelect, 2020, 5, 14168-14176.	1.5	6
13	Current understanding and challenges in high temperature additive manufacturing of engineering thermoplastic polymers. Additive Manufacturing, 2020, 34, 101218.	3.0	68
14	Covalent functionalization of graphene using polyacryloyl chloride and performance of functionalized grapheneâ€“epoxy nanocomposite. Polymer Composites, 2018, 39, 3119-3128.	4.6	9
15	Fabrication of a sulfonated aramidâ€graphene nanoplatelet composite paper and its performance as a supercapacitor electrode. Journal of Applied Polymer Science, 2017, 134, 45099.	2.6	13
16	Edge Stitching of Graphene Nanoplatelets (GnPs) and Their Effectiveness as a Filler for Epoxy Nanocomposites. ChemistrySelect, 2017, 2, 5769-5774.	1.5	2
17	Enabling mechanically adaptive 4D printing with cellulose nanocrystals. Green Materials, 0, , 1-11.	2.1	2