

Ansari Mnm

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,496
citations

361296

20
h-index

214721

47
g-index

50
all docs

50
docs citations

50
times ranked

2249
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Natural Fiber Reinforced Polymer Composite and Its Applications. International Journal of Polymer Science, 2015, 2015, 1-15.	1.2	1,058
2	Effect of sugar palm nanofibrillated cellulose concentrations on morphological, mechanical and physical properties of biodegradable films based on agro-waste sugar palm (<i>Arenga pinnata</i> (Wurmb.) Merr.) starch films containing sugar palm nanofibrillated cellulose as reinforcement: Water barrier properties. Polymer Composites, 2020, 41, 459-467.	0.2	163
3	Mechanical properties of graphene oxide (GO)/epoxy composites. HBRC Journal, 2015, 11, 151-156.	0.2	68
4	Sugar palm (<i>Arenga pinnata</i> [Wurmb.] Merr.) starch films containing sugar palm nanofibrillated cellulose as reinforcement: Water barrier properties. Polymer Composites, 2020, 41, 459-467.	2.3	129
5	Physical and thermal properties of treated sugar palm/glass fibre reinforced thermoplastic polyurethane hybrid composites. Journal of Materials Research and Technology, 2019, 8, 3726-3732.	2.6	121
6	Degradation and physical properties of sugar palm starch/sugar palm nanofibrillated cellulose bionanocomposite. Polimery, 2019, 64, 680-689.	0.4	71
7	Taguchi design optimization of machining parameters on the CNC end milling process of halloysite nanotube with aluminium reinforced epoxy matrix (HNT/Al/Ep) hybrid composite. HBRC Journal, 2014, 10, 138-144.	0.2	68
8	Development of Antibacterial, Degradable and pH-Responsive Chitosan/Guar Gum/Polyvinyl Alcohol Blended Hydrogels for Wound Dressing. Molecules, 2021, 26, 5937.	1.7	54
9	Chitosan/Poly Vinyl Alcohol/Graphene Oxide Based pH-Responsive Composite Hydrogel Films: Drug Release, Anti-Microbial and Cell Viability Studies. Polymers, 2021, 13, 3124.	2.0	53
10	Photovoltaic Solar Cells: A Review. Applied System Innovation, 2022, 5, 67.	2.7	50
11	Review on the Effects of Process Parameters on Strength, Shrinkage, and Warpage of Injection Molding Plastic Component. Polymer-Plastics Technology and Engineering, 2017, 56, 1-12.	1.9	49
12	Recent Advances in Polyurethane-Based Nanocomposites: A Review. Polymer-Plastics Technology and Engineering, 2017, 56, 1528-1541.	1.9	48
13	A Comprehensive Review on the Applications of Exosomes and Liposomes in Regenerative Medicine and Tissue Engineering. Polymers, 2021, 13, 2529.	2.0	42
14	Effect of alumina trihydrate as additive on the mechanical properties of kenaf/polyester composite for plastic encapsulated electronic packaging application. Journal of Materials Research and Technology, 2020, 9, 12899-12906.	2.6	34
15	Investigation on energy absorption of natural and hybrid fiber under axial static crushing. Composites Science and Technology, 2017, 151, 52-61.	3.8	32
16	The Effect of Silane Coupling Agent on Mechanical Properties of Feldspar Filled Polypropylene Composites. Journal of Reinforced Plastics and Composites, 2009, 28, 3049-3060.	1.6	30
17	Simulation machining of titanium alloy (Ti-6Al-4V) based on the finite element modeling. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2014, 36, 315-324.	0.8	28
18	Development of Biodegradable Bio-Based Composite for Bone Tissue Engineering: Synthesis, Characterization and In Vitro Biocompatible Evaluation. Polymers, 2021, 13, 3611.	2.0	25

#	ARTICLE	IF	CITATIONS
19	Preparation and Physicochemical Characterization of a Diclofenac Sodium-Dual Layer Polyvinyl Alcohol Patch. <i>Polymers</i> , 2021, 13, 2459.	2.0	24
20	Dynamic mechanical analysis of polyethylene terephthalate/hydroxyapatite biocomposites for tissue engineering applications. <i>Journal of Materials Research and Technology</i> , 2020, 9, 2350-2356.	2.6	22
21	Effect of Multi-walled Carbon Nanotubes on Mechanical Properties of Feldspar Filled Polypropylene Composites. <i>Journal of Reinforced Plastics and Composites</i> , 2009, 28, 2473-2485.	1.6	19
22	Review of the Common Deposition Methods of Thin-Film Pentacene, Its Derivatives, and Their Performance. <i>Polymers</i> , 2022, 14, 1112.	2.0	19
23	Effect of Starch Loading on the Thermo-Mechanical and Morphological Properties of Polyurethane Composites. <i>Materials</i> , 2017, 10, 777.	1.3	17
24	Sonophotocatalytic Dye Degradation Using rGO@BiVO_4 Composites. <i>Global Challenges</i> , 2022, 6, .	1.8	16
25	Effect of halloysite nanotubes loading on thermo-mechanical and morphological properties of polyurethane nanocomposites. <i>Materials Technology</i> , 2017, 32, 430-442.	1.5	15
26	Effect of Compatibilisers on Mechanical Properties of Feldspar/Polypropylene Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2009, 48, 1295-1303.	1.9	12
27	A Review on Recent Progress of Stingless Bee Honey and Its Hydrogel-Based Compound for Wound Care Management. <i>Molecules</i> , 2022, 27, 3080.	1.7	12
28	Electrospun Nanofiber and Cryogel of Polyvinyl Alcohol Transdermal Patch Containing Diclofenac Sodium: Preparation, Characterization and In Vitro Release Studies. <i>Pharmaceutics</i> , 2021, 13, 1900.	2.0	11
29	Effect of poly(ethylene vinyl acetate) additive on mechanical properties of maleic anhydride-grafted acrylonitrile butadiene styrene for coating applications. <i>Journal of Vinyl and Additive Technology</i> , 2019, 25, 287-295.	1.8	9
30	Integrating Photovoltaic (PV) Solar Cells and Supercapacitors for Sustainable Energy Devices: A Review. <i>Energies</i> , 2021, 14, 7211.	1.6	9
31	Effect of compatibilizers on in vitro biocompatibility of PLA-HA bioscaffold. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2014, 3, 208-216.	0.7	8
32	A review on rear under-ride protection devices for trucks. <i>International Journal of Crashworthiness</i> , 2017, 22, 95-109.	1.1	8
33	Design and simulation of a rear underride protection device (RUPD) for heavy vehicles. <i>International Journal of Crashworthiness</i> , 2018, 23, 47-56.	1.1	7
34	Impact and hardness properties of honeycomb natural fibre reinforced epoxy composites. <i>Materials Today: Proceedings</i> , 2020, 29, 138-142.	0.9	7
35	Recent progress on supercapacitive performance of agrowaste fibers: a review. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2023, 48, 289-331.	6.8	6
36	Selection of design variables using complex proportional assessment and analysis of a rear underride protection device. <i>International Journal of Crashworthiness</i> , 2020, 25, 1-8.	1.1	5

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37	Impact strength and morphological properties of Kenaf/glass fibre/polyester hybrid composite for attenuator application. <i>Materials Today: Proceedings</i> , 2020, 29, 119-122.	0.9	5
38	Catalyst-Free Crosslinking Modification of Nata-de-Coco-Based Bacterial Cellulose Nanofibres Using Citric Acid for Biomedical Applications. <i>Polymers</i> , 2021, 13, 2966.	2.0	5
39	Preparation and characterization of electrical properties of graphene oxide (GO)/epoxy composites. <i>Materials Today: Proceedings</i> , 2020, 20, 474-477.	0.9	4
40	Improving Astm A516 Grade 70 Mechanical Properties by Sandblasting Process. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 216.	0.2	3
41	Mechanical properties of Tungsten Tri-oxide (WO_3) reinforced poly (lactic-acid) (PLA) nanocomposites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1128, 012030.	0.3	3
42	Finite element modelling to predict cutting parameters for milling on titanium alloy (Ti-6Al-4V). <i>Australian Journal of Mechanical Engineering</i> , 2013, 11, 83-91.	1.5	2
43	Development of natural fibre for environmental and sustainable advancement. <i>International Journal of Environmental Technology and Management</i> , 2019, 22, 315.	0.1	2
44	Recycling and sustainable environmental practices of household tea waste. <i>International Journal of Environmental Technology and Management</i> , 2019, 22, 352.	0.1	2
45	A study of defects generation on Ni-Co substrate during electroplating and its minimisation through proper cleaning. <i>Advances in Materials and Processing Technologies</i> , 2020, 6, 565-590.	0.8	1
46	Finite Element Modeling for Prediction the Effect of Nose Radius on Cutting Forces for Titanium (Ti) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	1
47	Effects of injection moulding process parameters on impact strength of polypropylene-hydroxyapatite biocomposite. <i>Journal of Mechanical Engineering and Sciences</i> , 2017, 11, 2581-2591.	0.3	1
48	An experimental investigation on surface morphology of machined brass reinforced epoxy composite. <i>Journal of Reinforced Plastics and Composites</i> , 2014, 33, 313-321.	1.6	0
49	Dielectric Strength of Kenaf/Glass Fiber Reinforced UP Hybrid Composites used as Insulator. , 2020, , .		0
50	Electrochemical study on Activated Carbon Electrode from Kenaf biowaste for Supercapacitor Application. , 2020, , .		0