

Femiana Gapsari

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,882
citations

430874

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289244

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58
docs citations

58
times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Chemically Treated <i>Limonia Acidissima</i> (Wood Apple) Shell Powder: Physicochemical, Thermal, and Morphological Properties. <i>Journal of Natural Fibers</i> , 2022, 19, 4093-4104.	3.1	35
2	Characterization of Natural Cellulosic Fiber from <i>Cocos nucifera</i> Peduncle for Sustainable Biocomposites. <i>Journal of Natural Fibers</i> , 2022, 19, 9373-9383.	3.1	40
3	Carbon fiber reinforced areca/sisal hybrid composites for railway interior applications: Mechanical and morphological properties. <i>Polymer Composites</i> , 2022, 43, 160-172.	4.6	28
4	Lignocellulosic fiber reinforced composites: Progress, performance, properties, applications, and future perspectives. <i>Polymer Composites</i> , 2022, 43, 645-691.	4.6	182
5	Bioepoxy based hybrid composites from nano-fillers of chicken feather and lignocellulose <i>Ceiba Pentandra</i> . <i>Scientific Reports</i> , 2022, 12, 397.	3.3	43
6	Waste coconut leaf sheath as reinforcement composite material with <i>phenol-formaldehyde</i> matrix. <i>Polymer Composites</i> , 2022, 43, 1985-1995.	4.6	13
7	Development and characterization of <i>Hevea brasiliensis</i> particulates filled polyethylene composites. <i>Polymer Composites</i> , 2022, 43, 2047-2054.	4.6	11
8	Effectiveness of a fish scales-derived chitosan coating for corrosion protection of carbon steel. <i>Egyptian Journal of Petroleum</i> , 2022, 31, 25-31.	2.6	4
9	Evaluation of impact, thermo-physical properties, and morphology of cornhusk fiber reinforced polyester composites. <i>Polymer Composites</i> , 2022, 43, 2771-2778.	4.6	12
10	Utilization of kenaf fiber waste as reinforced polymer composites. <i>Results in Engineering</i> , 2022, 13, 100380.	5.1	19
11	Extraction and characterization of snail shell waste hydroxyapatite. <i>Results in Engineering</i> , 2022, 14, 100390.	5.1	18
12	Properties of organic and inorganic filler hybridization on Timoho fiber reinforced polyester polymer composites. <i>Polymer Composites</i> , 2022, 43, 1147-1156.	4.6	30
13	Aging effects on free vibration and damping characteristics of polymer based biocomposites: A review. <i>Polymer Composites</i> , 2022, 43, 3890-3901.	4.6	10
14	Influence of calcium carbonate fillers on pine fiber reinforced polyester composites. <i>Polymer Composites</i> , 2022, 43, 4306-4317.	4.6	18
15	Polymer composites from natural fibers and recycled waste surgical masks during COVID-19 pandemic. <i>Polymer Composites</i> , 2022, 43, 3944-3950.	4.6	14
16	Studies on mechanical and thermal properties of cellulosic fiber fillers reinforced epoxy composites. <i>Polymer Composites</i> , 2022, 43, 4297-4305.	4.6	8
17	Effects of different weaving patterns on thermomechanical and dynamic mechanical properties of Kevlar/pineapple leaf fiber hybrid composites. <i>Polymer Composites</i> , 2022, 43, 4979-4997.	4.6	8
18	Design, fabrication, and characterization of natural fillers loaded HDPE composites for domestic applications. <i>Polymer Composites</i> , 2022, 43, 5168-5178.	4.6	10

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19	The application of timoho fiber coating to improve the composite performance. Results in Engineering, 2022, 15, 100499.	5.1	8
20	Investigation of Artocarpus Heteropyllus peel extract as non-toxic corrosion inhibitor for pure copper protection in nitric acid. Case Studies in Chemical and Environmental Engineering, 2022, 6, 100223.	6.1	16
21	Corrosion inhibition of weldment by Nephelium lappaceum peel extract in 3.5% NaCl solution. South African Journal of Chemical Engineering, 2022, 41, 223-232.	2.4	4
22	Mechanical and thermal properties of flax/carbon/kevlar based epoxy hybrid composites. Polymer Composites, 2022, 43, 5649-5662.	4.6	19
23	Evaluation of bee wax propolis inhibitor for corrosion protection on stainless steel in various pH solution. Case Studies in Chemical and Environmental Engineering, 2022, 6, 100227.	6.1	3
24	A new study on <sc>flax</sc>basalt</sc> carbon</sc> fiber reinforced epoxy/<sc>bioepoxy</sc> hybrid composites. Polymer Composites, 2021, 42, 1891-1900.	4.6	59
25	ASTM A36 steel corrosion rate control in 1M HCl using Electrophoretic Deposition (EPD) with chitosan coating. IOP Conference Series: Materials Science and Engineering, 2021, 1034, 012169.	0.6	0
26	Effect of coir fiber and inorganic filler on physical and mechanical properties of epoxy based hybrid composites. Polymer Composites, 2021, 42, 3911-3921.	4.6	38
27	<sc><i>Pongamia pinnata</i></sc> shell powder filled sisal/kevlar hybrid composites: <sc>Physicomechanical</sc> and morphological characteristics. Polymer Composites, 2021, 42, 4434-4447.	4.6	43
28	Characterization of Timoho Fiber as a reinforcement in green composite. Journal of Materials Research and Technology, 2021, 13, 1305-1315.	5.8	27
29	Effect of <sc>TiC</sc> nanoparticles on accelerated weathering of coir fiber filler and basalt fabric reinforced bio/synthetic epoxy hybrid composites: Physicomechanical and thermal characteristics. Polymer Composites, 2021, 42, 4897-4910.	4.6	26
30	Effect of Mo addition on the pitting resistance of TiMn alloys in Hanksâ€™ solution. Journal of Alloys and Compounds, 2021, 871, 159582.	5.5	12
31	Influence of nanofillers on biodegradable composites: A comprehensive review. Polymer Composites, 2021, 42, 5691-5711.	4.6	105
32	Characterization of chemically treated new natural cellulosic fibers from peduncle of <sc><i>Cocos nucifera</i></sc> L. Var typica. Polymer Composites, 2021, 42, 6403-6416.	4.6	37
33	Characterization of<sc><i>Syzygium cumini</i></sc>particulates<sc>filled Eâ€glass</sc>fiberâ€reinforced epoxy composites. Polymer Composites, 2021, 42, 6298-6309.	4.6	10
34	A review on extraction, chemical treatment, characterization of natural fibers and its composites for potential applications. Polymer Composites, 2021, 42, 6239-6264.	4.6	112
35	Fatigue and thermo-mechanical properties of chemically treated Morinda citrifolia fiber-reinforced bio-epoxy composite: A sustainable green material for cleaner production. Journal of Cleaner Production, 2021, 326, 129411.	9.3	41
36	Nephelium lappaceum Extract as an Organic Inhibitor to Control the Corrosion of Carbon Steel Weldment in the Acidic Environment. Sustainability, 2021, 13, 12135.	3.2	7

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37	Effect of Time Voltage and Voltage of 1100 Aluminum Coating Using Chitosan Using Electrodeposition Method. Key Engineering Materials, 2020, 844, 32-37.	0.4	0
38	Experimental investigation on the mechanical and morphological behavior of <i>Prosopis juliflora</i> bark fibers/E-glass/carbon fabrics reinforced hybrid polymeric composites for structural applications. Polymer Composites, 2020, 41, 4983-4993.	4.6	35
39	Development of masterbatch for composites using bamboo charcoal powders in poly(lactic) acid. Polymer Composites, 2020, 41, 5082-5095.	4.6	14
40	Stress Corrosion Cracking Threshold for Dissimilar Capacitive Discharge Welding Joint with Varied Surface Geometry. Applied Sciences (Switzerland), 2020, 10, 2180.	2.5	3
41	Green-composites: Ecofriendly and Sustainability. Applied Science and Engineering Progress, 2020, 13, .	0.8	82
42	Fabrication of Aluminum Using Casting Method Made For Anodizing Process On Biomaterial Applications. IOP Conference Series: Materials Science and Engineering, 2019, 494, 012063.	0.6	2
43	Corrosion Inhibition of Honeycomb Waste Extracts for 304 Stainless Steel in Sulfuric Acid Solution. Materials, 2019, 12, 2120.	2.9	16
44	Rolling Resistance and Noise Estimation for Product Design and Development of Eco-Tyre using Finite Element and Numerical Method. IOP Conference Series: Materials Science and Engineering, 2019, 494, 012021.	0.6	2
45	A comprehensive review of techniques for natural fibers as reinforcement in composites: Preparation, processing and characterization. Carbohydrate Polymers, 2019, 207, 108-121.	10.2	584
46	Modeling analysis of the effect of the main roll-hoop length on the strength of Formula Student chassis. Eastern-European Journal of Enterprise Technologies, 2019, 4, 22-29.	0.5	2
47	Growth of anodic Aluminum Oxide using titanium as cathode – a review. MATEC Web of Conferences, 2018, 204, 05019.	0.2	3
48	Comparison of the analytical and experimental models of 304SS corrosion rate in 0.5 M H ₂ SO ₄ with bee wax propolis extract. Engineering Review, 2018, 38, 182-188.	0.5	7
49	The inhibitive effect of tannin in <i>Psidium guajava</i> leaves towards 304SS corrosion in concentrated HCl. MATEC Web of Conferences, 2018, 204, 05018.	0.2	5
50	Stress Corrosion Cracking at ASTM A36 Plate with Varied Grain Orientation. International Review of Mechanical Engineering, 2018, 12, 987.	0.2	5
51	Effect of Organics Corrosion Inhibitors on the Corrosion of 304SS in 3.5% NaCl. International Review of Mechanical Engineering, 2016, 10, 531.	0.2	6
52	Bee Wax Propolis Extract as Eco-Friendly Corrosion Inhibitors for 304SS in Sulfuric Acid. International Journal of Corrosion, 2015, 2015, 1-10.	1.1	27
53	The Influence of High Content of Silicon in Austenitic Stainless Steel to Corrosion Rate in Sulphuric Acid. Applied Mechanics and Materials, 0, 493, 727-732.	0.2	6
54	Optimization of Chemical Environment Condition towards Corrosion Rate of Sulfuric Acid Resistant Alloy Metal (Saramet) Using Response Surface Methodology. Applied Mechanics and Materials, 0, 493, 733-738.	0.2	3

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55	<Rhizophora> <apic><ulata> Extract as Corrosion Inhibitor in 3.5% NaCl for API 5L Steel. Key Engineering Materials, 0, 791, 83-87.	0.4	1
56	The Effect of Hot Dip Galvanizing Temperature to Corrosion Rate of Steel as the Material for Chopper Machine. Solid State Phenomena, 0, 291, 148-154.	0.3	5
57	<Psidium guajava> Leaves as Corrosion Inhibitor of Al-6061. Materials Science Forum, 0, 1045, 231-236.	0.3	1