

# M S Abdul Majid

## List of Publications by Year in descending order

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228  
papers

6,422  
citations

117625

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74163

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234  
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234  
docs citations

234  
times ranked

4826  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Natural Fiber Reinforced Polymer Composite and Its Applications. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-15.	2.7	1,058
2	A Review on Potentiality of Nano Filler/Natural Fiber Filled Polymer Hybrid Composites. <i>Polymers</i> , 2014, 6, 2247-2273.	4.5	550
3	Impact behaviour of hybrid composites for structural applications: A review. <i>Composites Part B: Engineering</i> , 2018, 133, 112-121.	12.0	384
4	Natural fiber reinforced polylactic acid composites: A review. <i>Polymer Composites</i> , 2019, 40, 446-463.	4.6	296
5	Recent advances in epoxy resin, natural fiber-reinforced epoxy composites and their applications. <i>Journal of Reinforced Plastics and Composites</i> , 2016, 35, 447-470.	3.1	294
6	Effect of Alkali and Silane Treatments on Mechanical and Fibre-matrix Bond Strength of Kenaf and Pineapple Leaf Fibres. <i>Journal of Bionic Engineering</i> , 2016, 13, 426-435.	5.0	268
7	Corn and Rice Starch-Based Bio-Plastics as Alternative Packaging Materials. <i>Fibers</i> , 2019, 7, 32.	4.0	209
8	Lignocellulosic fiber reinforced composites: Progress, performance, properties, applications, and future perspectives. <i>Polymer Composites</i> , 2022, 43, 645-691.	4.6	182
9	Isolation and characterization of microcrystalline cellulose from roselle fibers. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 931-940.	7.5	168
10	Effect of water absorption on the mechanical properties of hybrid interwoven cellulosic-cellulosic fibre reinforced epoxy composites. <i>Composite Structures</i> , 2017, 167, 227-237.	5.8	159
11	Characterisation of natural cellulosic fibre from Pennisetum purpureum stem as potential reinforcement of polymer composites. <i>Materials and Design</i> , 2016, 89, 839-847.	7.0	146
12	Isolation and characterization of nanocrystalline cellulose from roselle-derived microcrystalline cellulose. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 54-63.	7.5	138
13	Mechanical properties of Napier grass fibre/polyester composites. <i>Composite Structures</i> , 2016, 136, 1-10.	5.8	102
14	Thermal behaviour and dynamic mechanical analysis of Pennisetum purpureum/glass-reinforced epoxy hybrid composites. <i>Composite Structures</i> , 2016, 152, 850-859.	5.8	101
15	Effects of water absorption on Napier grass fibre/polyester composites. <i>Composite Structures</i> , 2016, 144, 138-146.	5.8	94
16	Thermal degradation and viscoelastic properties of Kevlar/Cocos nucifera sheath reinforced epoxy hybrid composites. <i>Composite Structures</i> , 2019, 219, 194-202.	5.8	84
17	Moisture absorption and mechanical degradation of hybrid Pennisetum purpureum/glass-epoxy composites. <i>Composite Structures</i> , 2016, 141, 110-116.	5.8	74
18	Characterization of alkali treated new cellulosic fibre from Cyrtostachys renda. <i>Journal of Materials Research and Technology</i> , 2020, 9, 3537-3546.	5.8	67

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19	Dynamic mechanical analysis and effects of moisture on mechanical properties of interwoven hemp/polyethylene terephthalate (PET) hybrid composites. <i>Construction and Building Materials</i> , 2018, 179, 265-276.	7.2	64
20	Effect of Sugar Palm-derived Cellulose Reinforcement on the Mechanical and Water Barrier Properties of Sugar Palm Starch Biocomposite Films. <i>BioResources</i> , 2016, 11, .	1.0	60
21	Effect of benzoyl treatment on flexural and compressive properties of sugar palm/glass fibres/epoxy hybrid composites. <i>Polymer Testing</i> , 2018, 71, 362-369.	4.8	59
22	Mechanical, thermal and morphological characterisation of 3D porous <i>Pennisetum purpureum</i> /PLA biocomposites scaffold. <i>Materials Science and Engineering C</i> , 2017, 75, 752-759.	7.3	54
23	Influence of hydrothermal ageing on the compressive behaviour of glass fibre/epoxy composite pipes. <i>Composite Structures</i> , 2017, 159, 350-360.	5.8	54
24	Analysing impact properties of CNT filled bamboo/glass hybrid nanocomposites through drop-weight impact testing, UWPI and compression-after-impact behaviour. <i>Composites Part B: Engineering</i> , 2019, 168, 166-174.	12.0	53
25	CFD simulation of a TES tank comprising a PCM encapsulated in sphere with heat transfer enhancement. <i>Applied Thermal Engineering</i> , 2018, 143, 1085-1092.	6.0	49
26	Burst strength and impact behaviour of hydrothermally aged glass fibre/epoxy composite pipes. <i>Materials and Design</i> , 2016, 89, 455-464.	7.0	48
27	Influence of hydrothermal ageing on the mechanical properties of an adhesively bonded joint with different adherends. <i>Composites Part B: Engineering</i> , 2019, 165, 572-585.	12.0	48
28	Ultimate elastic wall stress (UEWS) test of glass fibre reinforced epoxy (GRE) pipe. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011, 42, 1500-1508.	7.6	47
29	Tensile and fatigue properties of single lap joints of aluminium alloy/glass fibre reinforced composites fabricated with different joining methods. <i>Composite Structures</i> , 2018, 200, 647-658.	5.8	47
30	Effect of pineapple leaf (PALF), napier, and hemp fibres as filler on the scratch resistance of epoxy composites. <i>Journal of Materials Research and Technology</i> , 2019, 8, 5384-5395.	5.8	46
31	Modification of Oil Palm Empty Fruit Bunch and Sugarcane Bagasse Biomass as Potential Reinforcement for Composites Panel and Thermal Insulation Materials. <i>Journal of Bionic Engineering</i> , 2019, 16, 175-188.	5.0	44
32	Development and characterisation of packaging film from Napier cellulose nanowhisker reinforced polylactic acid (PLA) bionanocomposites. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 43-53.	7.5	42
33	Mechanical Characterization and Water Absorption Behaviour of Interwoven Kenaf/PET Fibre Reinforced Epoxy Hybrid Composite. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-13.	2.7	38
34	Effects of winding angle on the behaviour of glass/epoxy pipes under multiaxial cyclic loading. <i>Materials and Design</i> , 2015, 88, 196-206.	7.0	37
35	Investigations on the Mechanical Properties of Glass Fiber/Sisal Fiber/Chitosan Reinforced Hybrid Polymer Sandwich Composite Scaffolds for Bone Fracture Fixation Applications. <i>Polymers</i> , 2020, 12, 1501.	4.5	35
36	Structural, Morphological and Thermal Properties of Cellulose Nanofibers from Napier fiber ( <i>Pennisetum purpureum</i> ). <i>Materials</i> , 2020, 13, 4125.	2.9	35

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37	The Effects of the Alkaline Treatment's Soaking Exposure on the Tensile Strength of Napier Fibre. <i>Procedia Manufacturing</i> , 2015, 2, 353-358.	1.9	34
38	An overview of the Oil Palm Empty Fruit Bunch (OPEFB) potential as reinforcing fibre in polymer composite for energy absorption applications. <i>MATEC Web of Conferences</i> , 2017, 90, 01064.	0.2	34
39	Analysis of dynamic mechanical, low-velocity impact and compression after impact behaviour of benzoyl treated sugar palm/glass/epoxy composites. <i>Composite Structures</i> , 2019, 226, 111308.	5.8	33
40	A novel vibration based non-destructive testing for predicting glass fibre/matrix volume fraction in composites using a neural network model. <i>Composite Structures</i> , 2016, 144, 96-107.	5.8	32
41	Effect of moisture exposure and elevated temperatures on impact response of <i>Pennisetum purpureum</i> /glass-reinforced epoxy (PGRE) hybrid composites. <i>Composites Part B: Engineering</i> , 2019, 160, 84-93.	12.0	32
42	In vitro degradation of a 3D porous <i>Pennisetum purpureum</i> /PLA biocomposite scaffold. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 74, 383-391.	3.1	30
43	Critical thrust force and critical feed rate in drilling flax fibre composites: A comparative study of various thrust force models. <i>Composites Part B: Engineering</i> , 2019, 165, 222-232.	12.0	28
44	Compressive properties of Napier ( <i>Pennisetum Purpureum</i> ) filled polyester composites. <i>Plastics, Rubber and Composites</i> , 2016, 45, 136-146.	2.0	27
45	First-ply failure prediction of glass/epoxy composite pipes using an artificial neural network model. <i>Composite Structures</i> , 2018, 200, 579-588.	5.8	27
46	Strength prediction and reliability of brittle epoxy adhesively bonded dissimilar joint. <i>International Journal of Adhesion and Adhesives</i> , 2013, 45, 21-31.	2.9	26
47	Performance analysis of composite ply orientation in aeronautical application of unmanned aerial vehicle (UAV) NACA4415 wing. <i>Journal of Materials Research and Technology</i> , 2019, 8, 3822-3834.	5.8	26
48	The Effect of Stacking Sequence and Ply Orientation on the Mechanical Properties of Pineapple Leaf Fibre (PALF)/Carbon Hybrid Laminate Composites. <i>Polymers</i> , 2021, 13, 455.	4.5	26
49	Effect of Alkali Treatment on the Physical, Mechanical, and Morphological Properties of Waste Betel Nut ( <i>Areca catechu</i> ) Husk Fibre. <i>BioResources</i> , 2014, 9, .	1.0	25
50	The effect of nanomodified epoxy on the tensile and flexural properties of Napier fiber reinforced composites. <i>Polymer Composites</i> , 2020, 41, 824-837.	4.6	25
51	Physical, Thermal and Mechanical Properties of Areca Fibre Reinforced Polymer Composites – An Overview. <i>Journal of Bionic Engineering</i> , 2020, 17, 185-205.	5.0	25
52	Alkali treatment influence on cellulosic fiber from <i>Furcraea foetida</i> leaves as potential reinforcement of polymeric composites. <i>Journal of Materials Research and Technology</i> , 2022, 19, 2567-2583.	5.8	24
53	Effectiveness-NTU correlation for a TES tank comprising a PCM encapsulated in a sphere with heat transfer enhancement. <i>Applied Thermal Engineering</i> , 2018, 143, 1003-1010.	6.0	22
54	Effects of Winding Angles in Biaxial Ultimate Elastic Wall Stress (UEWS) Tests of Glass Fibre Reinforced Epoxy (GRE) Composite Pipes. <i>Advanced Materials Research</i> , 0, 795, 424-428.	0.3	21

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55	Dynamic Mechanical Analysis of Treated and Untreated Sugar Palm Fibre-based Phenolic Composites. <i>BioResources</i> , 2017, 12, .	1.0	21
56	Hydrothermal ageing effect on the mechanical behaviour and fatigue response of aluminium alloy/glass/epoxy hybrid composite single lap joints. <i>Composite Structures</i> , 2019, 219, 69-82.	5.8	21
57	Strain response and damage modelling of glass/epoxy pipes under various stress ratios. <i>Plastics, Rubber and Composites</i> , 2014, 43, 290-299.	2.0	19
58	The effects of alkali treatment on the mechanical and morphological properties of <i>Pennisetum purpureum</i> /glass-reinforced epoxy hybrid composites. <i>Plastics, Rubber and Composites</i> , 2017, 46, 421-430.	2.0	18
59	Effect of thermal ageing on the scratch resistance of natural-fibre-reinforced epoxy composites. <i>Composite Structures</i> , 2021, 261, 113586.	5.8	18
60	Stress-Strain Response Modelling of Glass Fibre Reinforced Epoxy Composite Pipes under Multiaxial Loadings. <i>Journal of Mechanical Engineering and Sciences</i> , 2014, 6, 916-928.	0.6	18
61	Dielectric and biodegradation properties of biodegradable nano-hydroxyapatite/starch bone scaffold. <i>Journal of Materials Research and Technology</i> , 2022, 18, 3215-3226.	5.8	18
62	Effects of hydrothermal ageing on the behaviour of composite tubes under multiaxial stress ratios. <i>Composite Structures</i> , 2016, 148, 1-11.	5.8	17
63	Characterization of New Cellulosic <i>Cyrtostachys renda</i> and <i>Ptychosperma macarthurii</i> Fibers from Landscaping Plants. <i>Journal of Natural Fibers</i> , 2022, 19, 669-684.	3.1	17
64	Areca/synthetic fibers reinforced based epoxy hybrid composites for semi-structural applications. <i>Polymer Composites</i> , 2022, 43, 5222-5234.	4.6	15
65	Structural Steel Plate Damage Detection using Non Destructive Testing, Frame Energy based Statistical Features and Artificial Neural Networks. <i>Procedia Engineering</i> , 2013, 53, 376-386.	1.2	14
66	Conceptual design and simulation validation based finite element optimisation for tubercle leading edge composite wing of an unmanned aerial vehicle. <i>Journal of Materials Research and Technology</i> , 2019, 8, 4374-4386.	5.8	14
67	Impact properties of kenaf Fibre/X-ray films hybrid composites for structural applications. <i>Journal of Materials Research and Technology</i> , 2019, 8, 1982-1990.	5.8	14
68	Effect of nano-clay fillers on mechanical and morphological properties of Napier/epoxy Composites. <i>Journal of Physics: Conference Series</i> , 2017, 908, 012010.	0.4	13
69	Isolation and characterisation of cellulose from cortex, pith and whole of the <i>Pennisetum purpureum</i> : Effect of sodium hydroxide concentration. <i>Journal of Materials Research and Technology</i> , 2020, 9, 15057-15071.	5.8	13
70	Effect of physical properties of natural fibre on the sound absorption coefficient. <i>Journal of Physics: Conference Series</i> , 2017, 908, 012023.	0.4	12
71	Low Frequency Dielectric and Optical Behavior on Physicochemical Properties of Hydroxyapatite/Cornstarch Composite. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 187-198.	9.4	12
72	Physico-mechanical and Flammability Properties of <i>Cyrtostachys renda</i> Fibers Reinforced Phenolic Resin Bio-composites. <i>Journal of Polymers and the Environment</i> , 2021, 29, 3703-3720.	5.0	11

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73	Low-velocity impact responses of Napier fibre/polyester composites. International Journal of Automotive and Mechanical Engineering, 2016, 13, 3226-3237.	0.9	11
74	Gait Classification Using Mahalanobisâ€™Taguchi System for Health Monitoring Systems Following Anterior Cruciate Ligament Reconstruction. Applied Sciences (Switzerland), 2019, 9, 3306.	2.5	10
75	Morphological and optical properties of porous hydroxyapatite/cornstarch (HAp/Cs) composites. Journal of Materials Research and Technology, 2020, 9, 14267-14282.	5.8	10
76	Analysis and physicochemical properties of cellulose nanowhiskers from Pennisetum purpureum via different acid hydrolysis reaction time. International Journal of Biological Macromolecules, 2020, 155, 241-248.	7.5	10
77	Dielectric and material analysis on physicochemical activity of porous hydroxyapatite/cornstarch composites. International Journal of Biological Macromolecules, 2021, 166, 1543-1553.	7.5	10
78	Physical, Mechanical, and Morphological Properties of Hybrid Cyrtostachys renda/Kenaf Fiber Reinforced with Multi-Walled Carbon Nanotubes (MWCNT)-Phenolic Composites. Polymers, 2021, 13, 3448.	4.5	10
79	Qualification and lifetime modelling of fibreglass pipe. Plastics, Rubber and Composites, 2011, 40, 80-85.	2.0	9
80	Cooling Performance of Thermoelectric Cooling (TEC) and Applications: A review. MATEC Web of Conferences, 2018, 225, 03021.	0.2	9
81	Performance Factors of the Photovoltaic System: A Review. MATEC Web of Conferences, 2018, 225, 03020.	0.2	9
82	Effect of natural filler loading, multi-walled carbon nanotubes (MWCNTs), and moisture absorption on the dielectric constant of natural filled epoxy composites. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 262, 114744.	3.5	9
83	The Effects of Stacking Sequence on Dynamic Mechanical Properties and Thermal Degradation of Kenaf/Jute Hybrid Composites. Journal of Renewable Materials, 2021, 9, 73-84.	2.2	9
84	Physical, Thermal Transport, and Compressive Properties of Epoxy Composite Filled with Graphitic- and Ceramic-Based Thermally Conductive Nanofillers. Polymers, 2022, 14, 1014.	4.5	9
85	Structural steel plate damage detection using DFT spectral energy and artificial neural network. , 2010, , .		8
86	Stress and Thermal Analysis of CubeSat Structure&lt;sup&gt;&lt;/sup&gt;. Applied Mechanics and Materials, 0, 554, 426-430.	0.2	8
87	Acoustic emission monitoring of multiaxial ultimate elastic wall stress tests of glass fibre-reinforced epoxy composite pipes. Advanced Composite Materials, 2015, 24, 1-16.	1.9	8
88	Design and analysis of hydraulic ram water pumping system. Journal of Physics: Conference Series, 2017, 908, 012052.	0.4	8
89	Stress analysis of implant-bone fixation at different fracture angle. Journal of Physics: Conference Series, 2017, 908, 012019.	0.4	8
90	Simulation study of air and water cooled photovoltaic panel using ANSYS. Journal of Physics: Conference Series, 2017, 908, 012074.	0.4	8

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91	Physical, thermal, and mechanical properties of highly porous polylactic acid/cellulose nanofibre scaffolds prepared by salt leaching technique. <i>Nanotechnology Reviews</i> , 2021, 10, 1469-1483.	5.8	8
92	Effects of fibre loading and moisture absorption on the tensile properties of hybrid Napier/glass/epoxy composites. <i>Journal of Physics: Conference Series</i> , 2017, 908, 012014.	0.4	7
93	An automated portable multiaxial pressure test rig for qualifications of glass/epoxy composite pipes. <i>Science and Engineering of Composite Materials</i> , 2018, 25, 243-252.	1.4	7
94	Fracture risk prediction on children with Osteogenesis Imperfecta subjected to loads under activity of daily living. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 429, 012004.	0.6	7
95	Experimental Investigation of Thrust Force, Delamination and Surface Roughness in Drilling Hybrid Structural Composites. <i>Materials</i> , 2021, 14, 4468.	2.9	7
96	Dielectric spectroscopy of pharmaceutical drug (Paracetamol) dosage in water. , 2013, , .		6
97	Tensile Strength of Untreated Napier Grass Fibre Reinforced Unsaturated Polyester Composites. <i>Applied Mechanics and Materials</i> , 0, 554, 189-193.	0.2	6
98	Design and Analysis of an Operative Inlet. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 429, 012075.	0.6	6
99	Fabrication and characterization of three-dimensional porous cornstarch/n-HAp biocomposite scaffold. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	1.7	6
100	The Effect of Stacking Sequence on Fatigue Behaviour of Hybrid Pineapple Leaf Fibre/Carbon-Fibre-Reinforced Epoxy Composites. <i>Polymers</i> , 2021, 13, 3936.	4.5	6
101	General Lifetime Damage Model for Glass Fibre Reinforced Epoxy (GRE) Composite Pipes under Multiaxial Loading. <i>Key Engineering Materials</i> , 2013, 594-595, 624-628.	0.4	5
102	Electrical Properties Investigation of Unsaturated Polyester Resin with Carbon Black as Fillers. <i>Applied Mechanics and Materials</i> , 2014, 554, 145-149.	0.2	5
103	Biodegradation of PLA- <i>Pennisetum purpureum</i> based biocomposite scaffold. <i>Journal of Physics: Conference Series</i> , 2017, 908, 012029.	0.4	5
104	Prediction on fracture risk of femur with Osteogenesis Imperfecta using finite element models: Preliminary study. <i>Journal of Physics: Conference Series</i> , 2017, 908, 012022.	0.4	5
105	Characterisation of structural and physical properties of cellulose nanofibers from <i>Pennisetum purpureum</i> . <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 670, 012043.	0.6	5
106	Influence of distilled water and alkaline solution on the scratch resistance properties of Napier fibre filled epoxy (NFFE) composites. <i>Journal of Materials Research and Technology</i> , 2020, 9, 14412-14424.	5.8	5
107	Dielectric Properties of Hydrothermally Modified Potato, Corn, and Rice Starch. <i>Agriculture (Switzerland)</i> , 2022, 12, 783.	3.1	5
108	Mathematical Model of Elastic Crack Interaction and Two-Dimensional Finite Element Analysis Based on Griffith Energy Release Rate. <i>Advanced Materials Research</i> , 0, 795, 587-590.	0.3	4

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109	Effect of adhesive thickness on adhesively bonded T-joint. IOP Conference Series: Materials Science and Engineering, 2013, 50, 012063.	0.6	4
110	Strength of Adhesive T-Joint in Granulator Fluidization Bed at Elevated Temperature. Materials Science Forum, 2015, 819, 443-448.	0.3	4
111	Tensile properties of compressed moulded Napier/glass fibre reinforced epoxy composites. Journal of Physics: Conference Series, 2017, 908, 012013.	0.4	4
112	The effect of alkaline treatments soaking time on oil palm empty fruit bunch (OPEFB) fibre structure. Journal of Physics: Conference Series, 2017, 908, 012033.	0.4	4
113	Fatigue life investigation of UIC 54 rail profile for high speed rail. Journal of Physics: Conference Series, 2017, 908, 012026.	0.4	4
114	The effect of bone healing condition on the stress of screw fixation in orthotropic femur bone for fracture stabilization. Materials Today: Proceedings, 2019, 16, 2160-2169.	1.8	4
115	Alkaline treatment and thermal properties of Napier grass fibres. International Journal of Automotive and Mechanical Engineering, 2016, 13, 3238-3247.	0.9	4
116	Hydrothermal effects on the burst strength of impacted glass fiber/epoxy composite pipes. Materialpruefung/Materials Testing, 2016, 58, 333-336.	2.2	4
117	Characteristics of the Surface Topography and Tribological Properties of Reinforced Aluminum Matrix Composite. Materials, 2022, 15, 358.	2.9	4
118	Optimising a packed bed phase change material of spheres using effectiveness-number of transfer unit method. Journal of Energy Storage, 2022, 49, 104019.	8.1	4
119	Damage self-sensing and strain monitoring of glass-reinforced epoxy composite impregnated with graphene nanoplatelet and multiwalled carbon nanotubes. Nanotechnology Reviews, 2022, 11, 1977-1990.	5.8	4
120	Effect of Nano-Clay and their Dispersion Techniques on Compressive Properties of Unsaturated Polyester Resin. Applied Mechanics and Materials, 0, 554, 27-31.	0.2	3
121	Tensile and Flexural Strength of Untreated Napier Grass Fibre/Polyester Composites. Materials Science Forum, 2015, 819, 295-300.	0.3	3
122	Development of a Microcontroller-based Battery Charge Controller for an Off-grid Photovoltaic System. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012138.	0.6	3
123	Water absorption behaviour of hybrid interwoven cellulosic fibre composites. Journal of Physics: Conference Series, 2017, 908, 012015.	0.4	3
124	Thermal energy storage (TES) technology for active and passive cooling in buildings: A Review. MATEC Web of Conferences, 2018, 225, 03022.	0.2	3
125	The Effect of Alkaline Treatments with Various Concentrations on Oil Palm Empty Fruit Bunch (OPEFB) Fibre Structure. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012006.	0.6	3
126	Impact properties of interwoven hemp/polyethylene terephthalate (PET) hybrid composites. AIP Conference Proceedings, 2018, , .	0.4	3



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127	Thermal polymer composites of hybrid fillers. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012037.	0.6	3
128	Structural and mechanical characterisation of cellulose nanofibers (CNF) from Pennisetum Purpureum reinforced with polylactic acid (PLA). Journal of Physics: Conference Series, 2021, 2051, 012019.	0.4	3
129	Review of Fatigue Responses of Fiber-Reinforced Polymer (FRP) Composite. , 2021, , 127-141.		3
130	Motorbike engine faults diagnosing system using neural network. , 2008, , .		2
131	Statistical time energy based damage detection in steel plates using artificial neural networks. , 2009, , .		2
132	Experimental Investigation of PCM Spheres in Thermal Energy Storage System. Applied Mechanics and Materials, 0, 367, 228-233.	0.2	2
133	Short-Term Test of $\pm 55^\circ$ Filament Wound GRE Composite Pipes under Multiaxial Stress Ratios. Applied Mechanics and Materials, 2014, 554, 371-375.	0.2	2
134	Effects of Elevated Temperatures on the Compression Strength of Nanoclay Filled Unsaturated Polyester Resin. Applied Mechanics and Materials, 2014, 554, 208-212.	0.2	2
135	Impact responses, compressive and burst tests of glass/epoxy (GRE) composite pipes. Journal of Physics: Conference Series, 2017, 908, 012021.	0.4	2
136	Effect of elevated temperature on the tensile strength of Napier/glass-epoxy hybrid reinforced composites. AIP Conference Proceedings, 2017, , .	0.4	2
137	Preliminary study of TEC application in cooling system. Journal of Physics: Conference Series, 2017, 908, 012080.	0.4	2
138	Tensile properties of interwoven hemp/PET (Polyethylene Terephthalate) epoxy hybrid composites. Journal of Physics: Conference Series, 2017, 908, 012011.	0.4	2
139	Effect of stress ratio on the fatigue behaviour of glass/epoxy composite. Journal of Physics: Conference Series, 2017, 908, 012030.	0.4	2
140	Experimental study on the fatigue strength of bonded/bolted metal-fibre. AIP Conference Proceedings, 2018, , .	0.4	2
141	Dielectric properties of kenaf filled epoxy composites. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012047.	0.6	2
142	The Optimization of the Hydroxyapatite (HA) Material Characteristics Produced From Corbiculacea (Etok) Shells. Journal of Physics: Conference Series, 2019, 1372, 012077.	0.4	2
143	Isolation and characterisation of nanowhisker cellulose from Pennisetum purpureum. IOP Conference Series: Materials Science and Engineering, 0, 670, 012044.	0.6	2
144	Application of frame energy based DCT moments for the damage diagnosis in steel plates using FLNN. , 2012, , .		1

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145	Experimental Studies of a Ranque-Hilsch Vortex Tube. Applied Mechanics and Materials, 2013, 390, 670-674.	0.2	1
146	Strength of Ductile Adhesive Butt Joint Bonded with Dissimilar Adherents: Effect of Surface Roughness. Applied Mechanics and Materials, 2014, 554, 366-370.	0.2	1
147	Recognition system of Underground Object Shape using ground penetrating radar datagram. , 2015, , .		1
148	Fracture Behavior of Intermetallic Compound (IMC) of Solder Joints Based on Finite Elementsâ€™™ Simulation Result. Lecture Notes in Mechanical Engineering, 2017, , 49-57.	0.4	1
149	Effect of elevated temperatures on flexural strength of hybrid Napier/glass reinforced epoxy composites. Journal of Physics: Conference Series, 2017, 908, 012017.	0.4	1
150	Convergence and stress analysis of the homogeneous structure of human femur bone during standing up condition. AIP Conference Proceedings, 2017, , .	0.4	1
151	Effective elastic constants of corrugated core sandwich plate microstructure considering imperfection in adhesive bonding. Journal of Physics: Conference Series, 2017, 908, 012031.	0.4	1
152	The Effect of Dry and Wet Condition on the Mechanical Properties of Hybrid Single Lap. IOP Conference Series: Materials Science and Engineering, 2017, 238, 012005.	0.6	1
153	Mechanical properties of friction stir welded butt joint of steel/aluminium alloys: effect of tool geometry. Journal of Physics: Conference Series, 2017, 908, 012061.	0.4	1
154	Analysis of photovoltaic with water pump cooling by using ANSYS. Journal of Physics: Conference Series, 2017, 908, 012083.	0.4	1
155	The Effect of Multiple Surface Treatments on Oil Palm Empty Fruit Bunch (OPEFB) Fibre Structure. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012005.	0.6	1
156	The effect of alkali treatment on the tensile properties of hybrid Napier/glass reinforced epoxy composites. AIP Conference Proceedings, 2018, , .	0.4	1
157	CFD simulations on a phase change thermal energy storage integrated with conducting fins. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012023.	0.6	1
158	Fracture toughness of railway for higher speed rail corridors in Malaysia. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012065.	0.6	1
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