

Dr Kalyan Kumar Singh

List of Publications by Year in descending order

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129
papers

2,134
citations

304743

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h-index

302126

39
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132
all docs

132
docs citations

132
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of research work in sinking EDM and WEDM on metal matrix composite materials. International Journal of Advanced Manufacturing Technology, 2010, 50, 611-624.	3.0	213
2	Impact damage on fibre-reinforced polymer matrix composite – A review. Journal of Composite Materials, 2014, 48, 317-332.	2.4	165
3	Fatigue damage analysis of fiber-reinforced polymer composites – A review. Journal of Reinforced Plastics and Composites, 2018, 37, 636-654.	3.1	104
4	An approach towards damage free machining of CFRP and GFRP composite material: a review. Advanced Composite Materials, 2015, 24, 49-63.	1.9	66
5	A comparative study of wear and friction characteristics of glass fibre reinforced epoxy resin, sliding under dry, oil-lubricated and inert gas environments. Tribology International, 2016, 96, 217-224.	5.9	65
6	Steps towards green manufacturing through EDM process: A review. Cogent Engineering, 2016, 3, 1272662.	2.2	61
7	Fatigue behavior of FRP composites and CNT-Embedded FRP composites: A review. Polymer Composites, 2018, 39, 1785-1808.	4.6	53
8	EDM with an Air-Assisted Multi-Hole Rotating Tool. Materials and Manufacturing Processes, 2016, 31, 1872-1878.	4.7	52
9	Analysis of symmetric and asymmetric glass fiber reinforced plastic laminates subjected to low-velocity impact. Journal of Composite Materials, 2016, 50, 1853-1863.	2.4	42
10	Interlaminar Fracture Toughness Characterization of Laminated Composites: A Review. Polymer Reviews, 2020, 60, 542-593.	10.9	42
11	Experimental investigations into the performance of EDM using argon gas-assisted perforated electrodes. Materials and Manufacturing Processes, 2017, 32, 940-951.	4.7	41
12	Comparative study of the influence of graphene nanoplatelets filler on the mechanical and tribological behavior of glass fabric-reinforced epoxy composites. Polymer Composites, 2020, 41, 5403-5417.	4.6	41
13	Experimental investigation and optimization of abrasive water jet machining parameter on multi-walled carbon nanotube doped epoxy/carbon laminate. Measurement: Journal of the International Measurement Confederation, 2020, 164, 108093.	5.0	38
14	Effect of pristine MWCNTs on the fatigue life of GFRP laminates-an experimental and statistical evaluation. Composites Part B: Engineering, 2019, 172, 83-96.	12.0	35
15	Polypyrrole/multiwalled carbon nanotubes-based biosensor for cholesterol estimation. Polymers for Advanced Technologies, 2012, 23, 1084-1091.	3.2	34
16	An impact behavior analysis of CNT-based fiber reinforced composites validated by LS-DYNA: A review. Polymer Composites, 2017, 38, 175-184.	4.6	34
17	Abrasive waterjet machining of fiber-reinforced composites: a state-of-the-art review. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	33
18	Comparison of Wear and Friction Behavior of Aluminum Matrix Alloy (Al 7075) and Silicon Carbide based Aluminum Metal Matrix Composite under Dry Condition at Different Sliding Distance. Materials Today: Proceedings, 2017, 4, 8960-8970.	1.8	32

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19	Addition of nanoclay and compatibilized EPDM rubber for improved impact strength of epoxy glass fiber composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 103, 263-271.	7.6	30
20	Experimental investigation of delamination and surface roughness in the drilling of GFRP composite material with different drills. <i>Advanced Manufacturing: Polymer and Composites Science</i> , 2016, 2, 47-56.	0.4	27
21	Fatigue life and damage evolution in woven GFRP angle ply laminates. <i>International Journal of Fatigue</i> , 2021, 142, 105964.	5.7	26
22	Review on impact analysis of FRP composites validated by LS-DYNA. <i>Polymer Composites</i> , 2015, 36, 1786-1798.	4.6	25
23	Compatibilization of polypropylene fibers in epoxy based GFRP/clay nanocomposites for improved impact strength. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 98, 207-217.	7.6	24
24	Influence of fillers on polymeric composite during conventional machining processes: a review. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	1.6	24
25	Laser processing of glass fiber reinforced composite material: a review. <i>Australian Journal of Mechanical Engineering</i> , 2019, 17, 95-108.	2.1	23
26	Optimization of surface roughness and delamination factor in end milling of graphene modified GFRP using response surface methodology. <i>Materials Today: Proceedings</i> , 2019, 19, 133-139.	1.8	22
27	Mechanical behavior of glass/epoxy composite laminate with varying amount of MWCNTs under different loadings. <i>Materials Research Express</i> , 2018, 5, 055012.	1.6	21
28	A brief review on the mechanical properties of Carbon nanotube reinforced polymer composites. <i>Materials Today: Proceedings</i> , 2020, 22, 2109-2117.	1.8	21
29	Processing of polyethylene terephthalate fiber reinforcement to improve compatibility with constituents of GFRP nanocomposites. <i>Materials and Manufacturing Processes</i> , 2018, 33, 165-173.	4.7	20
30	Addition of nanomer clays to GFRPs for enhanced impact strength and fracture toughness. <i>Materials Research Express</i> , 2018, 5, 105013.	1.6	20
31	Investigation of delamination and surface quality of machined holes in drilling of multiwalled carbon nanotube doped epoxy/carbon fiber reinforced polymer nanocomposite. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2019, 233, 647-663.	1.1	20
32	Enhancement of flexural strength of glass fiber reinforced polymer laminates using multiwall carbon nanotubes. <i>Polymer Engineering and Science</i> , 2019, 59, E248.	3.1	19
33	An asymmetric FRP laminate with a circular precrack to determine impact-induced damage. <i>Polymer Composites</i> , 2008, 29, 1378-1383.	4.6	17
34	Comparative investigation on the wear and friction behaviors of carbon fiber reinforced polymer composites under dry sliding, oil lubrication and inert gas environment. <i>Materials Today: Proceedings</i> , 2018, 5, 1250-1256.	1.8	17
35	Impact of the carbon nanotube reinforcement in glass/epoxy polymeric nanocomposite on the quality of fiber laser drilling. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2018, 232, 2533-2546.	2.4	17
36	Experimental investigation and modelling of drilling on multi-wall carbon nanotube embedded epoxy/glass fabric polymeric nanocomposites. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2018, 232, 1943-1959.	2.4	17

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37	Mechanisms for enhanced impact strength of epoxy based nanocomposites reinforced with silicate platelets. <i>Materials Research Express</i> , 2019, 6, 065061.	1.6	17
38	Fracture analysis and mechanical properties of three phased glass/epoxy laminates reinforced with multiwalled carbon nanotubes. <i>Journal of Science: Advanced Materials and Devices</i> , 2019, 4, 299-309.	3.1	17
39	Study of Tribological Behavior of Silicon Carbide Based Aluminum Metal Matrix Composites under Dry and Lubricated Environment. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-11.	1.8	16
40	Friction and Wear Behaviour of Glass Fibre Reinforced Polymer Composite (GFRP) under Dry and Oil Lubricated Environmental Conditions. <i>Materials Today: Proceedings</i> , 2017, 4, 7285-7292.	1.8	16
41	Experimental and numerical analysis of flexural test of unfilled glass fiber reinforced polymer composite laminate. <i>Materials Today: Proceedings</i> , 2018, 5, 184-192.	1.8	16
42	Delamination analysis and hole quality of hybrid FRP composite using abrasive water jet machining. <i>Materials Today: Proceedings</i> , 2020, 33, 5653-5658.	1.8	16
43	Tribological performance of graphene nanoplatelets filled glass/epoxy composites under dry, inert gas and oil-lubricated environmental conditions. <i>Materials Letters</i> , 2021, 282, 128881.	2.6	16
44	Experimental study of CFRP patches bonded on a cracked aluminum alloy panel. <i>Composite Interfaces</i> , 2015, 22, 233-248.	2.3	15
45	Damage Tolerance of Carbon Fiber Woven Composite Doped with MWCNTs under Low-velocity Impact. <i>Procedia Engineering</i> , 2017, 173, 440-446.	1.2	15
46	Experimental studies on thin sandwich panels under impact and static loading. <i>Journal of Reinforced Plastics and Composites</i> , 2013, 32, 420-434.	3.1	14
47	Comparative study of carbon fabric reinforced and glass fabric reinforced thin sandwich panels under impact and static loading. <i>Journal of Composite Materials</i> , 2015, 49, 99-112.	2.4	14
48	The role of yield stress on cracked thin panels of aluminum alloys repaired with a FRP patch. <i>Journal of Adhesion</i> , 2017, 93, 412-429.	3.0	14
49	Tribological properties of Al 7075 alloy and Al 7075 metal matrix composite reinforced with SiC, sliding under dry, oil lubricated, and inert gas environments. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2018, 232, 693-698.	1.8	14
50	Tribological behaviour of fibre-reinforced thermoset polymer composites: A review. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2020, 234, 1439-1449.	1.1	14
51	Improvement of quasi-isotropic glass fiber reinforced epoxy laminate enhanced with arc discharged multi-walled carbon nanotubes. <i>Materials Today: Proceedings</i> , 2018, 5, 8638-8644.	1.8	13
52	Modeling and optimization of surface roughness in end milling of graphene/epoxy nanocomposite. <i>Materials Today: Proceedings</i> , 2019, 19, 302-306.	1.8	13
53	A semi-empirical model to predict material removal rate during air-assisted electrical discharge machining. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	13
54	Impact of nanoclay filler reinforcement on CFRP composite performance during abrasive water jet machining. <i>Materials and Manufacturing Processes</i> , 2021, 36, 1264-1273.	4.7	13

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55	Numerical investigation of damage area due to different shape of impactors at low velocity impact of GFRP laminate. <i>Materials Today: Proceedings</i> , 2017, 4, 8731-8738.	1.8	12
56	Experimental investigation of abrasive waterjet hole cutting on hybrid carbon/glass composite. <i>Materials Today: Proceedings</i> , 2020, 21, 1551-1558.	1.8	12
57	Optimization of Tribological Behavior of CFRP Composites under dry sliding condition using Taguchi Method. <i>Materials Today: Proceedings</i> , 2020, 21, 1320-1329.	1.8	12
58	Effectiveness of short and straight carbon nanotubes on dispersion state and static/dynamic mechanical properties of woven glass fibre-reinforced polymer laminates. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2019, 233, 1661-1677.	1.1	12
59	Impact Response of Quasi-Isotropic Asymmetric Carbon Fabric/Epoxy Laminate Infused with MWCNTs. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-7.	1.8	11
60	Fatigue life enhancement of quasi-isotropic symmetric GFRP laminate by doping MWCNTs. <i>Materials Today: Proceedings</i> , 2017, 4, 7240-7245.	1.8	10
61	Effect of Stacking Sequence on Interlaminar Shear Strength of Multidirectional GFRP Laminates. <i>Materials Today: Proceedings</i> , 2020, 22, 2207-2214.	1.8	10
62	The Effect of Nickel Micro Powder Suspended Dielectric on EDM Performance Measures of EN-19 Steel. <i>Journal of Engineering and Applied Sciences</i> , 2011, 6, 27-37.	0.2	10
63	Effect of ply position switching in quasi-isotropic glass fibre reinforced polymer composite subjected to low velocity impact. <i>International Journal of Damage Mechanics</i> , 2022, 31, 665-693.	4.2	9
64	Safe design fatigue life of CNT loaded woven GFRP laminates under fully reversible axial fatigue: application of two-parameters Weibull distribution. <i>Plastics, Rubber and Composites</i> , 2019, 48, 293-306.	2.0	8
65	Investigation of milling characteristics in graphene-embedded epoxy/carbon fibre reinforced composite. <i>Materials Today: Proceedings</i> , 2020, 33, 5643-5648.	1.8	8
66	An experimental investigation of surface roughness in the drilling of MWCNT doped carbon/epoxy polymeric composite material. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 149, 012096.	0.6	8
67	Toughness of Adhesive Bonded Interface Under Static and Dynamic Loads – An Experimental Study. <i>Journal of Reinforced Plastics and Composites</i> , 2009, 28, 601-611.	3.1	7
68	An investigation into the effect of nickel micro powder suspended dielectric and varying triangular shape electrodes on EDM performance measures of EN-19 steel. <i>International Journal of Mechatronics and Manufacturing Systems</i> , 2012, 5, 66.	0.1	7
69	Tensile Behavior of Three Phased Glass/Epoxy Laminate Embedded with MWCNTs: An Experimental Approach. <i>Materials Today: Proceedings</i> , 2018, 5, 8176-8183.	1.8	7
70	Experimental investigation and modeling of heat affected zone and surface roughness in erbium-doped fiber laser cutting of CFRP composite. <i>Materials Today: Proceedings</i> , 2018, 5, 24466-24475.	1.8	7
71	Effect of nanofiller on fibre laser drilling quality of carbon fibre reinforced polymer composite laminates. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2019, 233, 857-870.	2.5	7
72	Experimental analysis on carbon nanotube embedded GFRP composites during AWJM. <i>Materials and Manufacturing Processes</i> , 2022, 37, 210-220.	4.7	7

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73	An investigation into the impact of graphene nanoplatelets reinforced with glass fiber reinforced polymer composite on the hole quality using abrasive water jet drilling. <i>Polymer Composites</i> , 2022, 43, 7007-7027.	4.6	7
74	A strategy for enhancing shear strength and bending strength of FRP laminate using MWCNTs. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 149, 012105.	0.6	6
75	Tribological Properties of Different Synthetic Fiber Reinforced Polymer Matrix Composites- A review. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 455, 012134.	0.6	6
76	Effect of small ply angle variation in tensile and compressive strength of woven GFRP composite: Application of two parameter Weibull distribution. <i>Materials Today: Proceedings</i> , 2020, 33, 5295-5300.	1.8	6
77	Parametric Optimization of Surface Roughness and Delamination Damage in End Milling Operation of CFRP Laminate Modified With MWCNT. <i>Materials Today: Proceedings</i> , 2020, 22, 2798-2807.	1.8	6
78	Mechanical property characterization of glass/epoxy composite with varying fiber percentage and mid-plane ply orientation. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2022, 44, 1.	1.6	6
79	Bulk synthesis of multi-walled carbon nanotubes by AC arc discharge method. <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems</i> , 2017, 231, 141-151.	0.6	5
80	Wear and Frictional Behavior of Three Phased Glass/Epoxy Composite Laminate Reinforced With MWCNTs. <i>Materials Today: Proceedings</i> , 2018, 5, 8112-8120.	1.8	5
81	Combined effect of loading rate and percentage by weight of MWCNTs on inter laminar shear strength (ILSS) and flexural strength of CFRP. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 377, 012074.	0.6	5
82	Optimizing Weight Percentage of MWCNTs for Enhancing LVI Resistance of Quasi-Isotropic Symmetric Laminate of Carbon Woven Fabric/ Epoxy Embedded with MWCNTs. <i>Experimental Techniques</i> , 2019, 43, 719-728.	1.5	5
83	Elevated thermal conditioning effect on flexural strength of GFRP laminates: An experimental and statistical approach. <i>Materials Today Communications</i> , 2021, 26, 101809.	1.9	5
84	Evaluation of advanced machining processes performance on filler-loaded polymeric composites: a state-of-the-art review. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	1.6	5
85	Review Paper on Analysis of Composite Patches as a Crack Arrestor. <i>Journal of Engineering and Applied Sciences</i> , 2011, 6, 222-226.	0.2	5
86	In-Plane Low Velocity Impact Behavior of GFRP Laminate. <i>Materials Science Forum</i> , 0, 978, 257-263.	0.3	5
87	An experimental investigation into the mechanical behavior of UHMWPE and basalt polyetherimide bonded composites at high strain rates. <i>Polymer Composites</i> , 2022, 43, 3242-3258.	4.6	5
88	Effect of chromium powder suspended dielectric on surface roughness in PMEDM process. <i>Tribology - Materials, Surfaces and Interfaces</i> , 2011, 5, 165-171.	1.4	4
89	Effect of loading rate on inter laminar shear strength (ILSS) of highly doped MWCNTs carbon/epoxy laminates. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 455, 012006.	0.6	4
90	Impact of hybrid reinforcement (nano- and macro-) over quasi- isotropic symmetrically designed GFRP composites on short beam strength properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 377, 012166.	0.6	4

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91	Effect of Using Carbon Nanotubes on ILSS of Glass Fiber-Reinforced Polymer Laminates. Transactions of the Indian Institute of Metals, 2018, 71, 3029-3036.	1.5	4
92	Effect of fabric areal density on the mechanical behaviour of symmetric and asymmetric woven GFRP composite. Materials Today: Proceedings, 2020, 33, 5649-5652.	1.8	4
93	Mechanical Properties of Woven GFRP Angle Ply Laminates: A Statistical Analysis Based on Two Parameters Weibull Distribution. Materials Today: Proceedings, 2020, 22, 1318-1325.	1.8	4
94	Influence of nanoclay filler on mechanical properties of CFRP composites. Materials Today: Proceedings, 2022, 66, 1734-1738.	1.8	4
95	Effect of nano and macro carbon fillers on flexural properties of glass fiber/epoxy composite laminates. IOP Conference Series: Materials Science and Engineering, 0, 455, 012007.	0.6	3
96	Flexural and Short beam shear strength analysis of symmetrical GFRP composites reinforced with MWCNTs having notches. IOP Conference Series: Materials Science and Engineering, 2018, 377, 012147.	0.6	3
97	Fracture Toughness of Symmetric and Asymmetric Layup GFRP Laminates by Experimental and Numerical Methods. Lecture Notes on Multidisciplinary Industrial Engineering, 2019, , 13-22.	0.6	3
98	Enhancement of Impact Properties by Using Multiwall Carbon Nanotubes as Secondary Reinforcement in Glass/Epoxy Laminates. Journal of Testing and Evaluation, 2020, 48, 1055-1070.	0.7	3
99	Characterization of GFRP butt-joint under tensile and flexural loading. Journal of Composite Materials, 2015, 49, 2567-2578.	2.4	2
100	Impact Analysis of Multi-wall Carbon Nano Tubes Doped Symmetric and Asymmetric Glass Fiber Reinforced Polymer Laminates. Materials Today: Proceedings, 2017, 4, 8059-8068.	1.8	2
101	Strain estimation around the open hole in GFRP laminate subjected to tension-tension fatigue loading by FEM. Materials Today: Proceedings, 2018, 5, 7960-7966.	1.8	2
102	Effect of strain rate on flexure properties of GFRP laminates-An experimental and numerical investigation. IOP Conference Series: Materials Science and Engineering, 2018, 377, 012085.	0.6	2
103	Effect of notch position and orientation on flexural behaviour of neat epoxy GFRP laminates. IOP Conference Series: Materials Science and Engineering, 2018, 377, 012165.	0.6	2
104	Study about characterization of CNTs through electron microscopy and Raman spectroscopy. IOP Conference Series: Materials Science and Engineering, 2018, 377, 012122.	0.6	2
105	Numerical Simulation of GFRP Laminate Under Low-Velocity Impact at Different Edge-Constrained Boundary Conditions. Lecture Notes on Multidisciplinary Industrial Engineering, 2019, , 87-95.	0.6	2
106	Effect of Ply Lay Up Sequence on Interlaminar Shear Strength of Symmetric and Asymmetric GFRP Composite. Materials Today: Proceedings, 2020, 22, 2241-2246.	1.8	2
107	Influence of Loading Direction on Impact Strength and Small Span Length Variation on Flexural Strength in GFRP Laminate. Journal of Testing and Evaluation, 2021, 49, 3460-3481.	0.7	2
108	Complex Phenomenal Growth of Multi-walled Carbon Nanotubes in Conventional Arc Discharge Process. Transactions of the Indian Institute of Metals, 2021, 74, 2043-2048.	1.5	2

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109	Influence of Oblique Impact on Glass Fiber-Reinforced Polymer Composites: A Numerical Approach. Lecture Notes on Multidisciplinary Industrial Engineering, 2019, , 77-86.	0.6	2
110	Influence of Varying Fully Constrained Circular Boundary Condition Area on Damage Mechanism of GFRP Laminate Under Low Velocity Impact Loading. Lecture Notes on Multidisciplinary Industrial Engineering, 2019, , 1011-1021.	0.6	2
111	Observations of fatigue damage development in woven glass fiber-reinforced polymer composite using transmission light photography technique. Polymers and Polymer Composites, 2022, 30, 096739112211013.	1.9	2
112	Reduction in Stress Intensity Factor of a Compact Tension Specimen by Bonding Symmetrical GFRP Patches. Journal of the Institution of Engineers (India): Series C, 2013, 94, 239-244.	1.2	1
113	Experimental Study and Numerical Analysis of a CFRP Butt-Joint between the Pipes of Dissimilar Materials. Journal of Adhesion, 2015, 91, 725-749.	3.0	1
114	Comparative study of tribological behavior of MWCNTs filled HFRP and unfilled HFRP composites under different sliding parameters and different sliding environment. IOP Conference Series: Materials Science and Engineering, 2018, 455, 012001.	0.6	1
115	Wear and frictional study of MWCNT doped glass fiber reinforced polymer composite under different sliding conditions. IOP Conference Series: Materials Science and Engineering, 2018, 455, 012002.	0.6	1
116	Effect of Span-to-Depth Ratio on the Flexural Properties of Woven Neat Epoxy/Glass Fiber-Reinforced Polymer Symmetric Laminates. Lecture Notes on Multidisciplinary Industrial Engineering, 2019, , 59-65.	0.6	1
117	Tribological Behaviour of Glass/Epoxy Laminated Composite Reinforced with Graphene and MWCNT. Materials Today: Proceedings, 2020, 22, 2791-2797.	1.8	1
118	Dependence of secondary operations in powder metallurgy and their impact on the electrical conductivity of MWCNTs/Cu nanocomposites. Materials Today: Proceedings, 2022, 49, 2143-2148.	1.8	1
119	Analysis on Milling of Nanoclay-Doped Epoxy/Carbon Laminates Using Taguchi Approach. Smart Innovation, Systems and Technologies, 2020, , 541-550.	0.6	1
120	Review Paper on Processing Technique of Polymer Matrix Composites: Current and Future Trends. Journal of Engineering and Applied Sciences, 2011, 6, 216-221.	0.2	1
121	Effect of Ply Stacking and Fiber Volume Fraction on ILSS of Woven GFRP Laminates. Smart Innovation, Systems and Technologies, 2020, , 561-568.	0.6	1
122	Impact of MWCNT in CFRP composite during end milling process. Materials and Manufacturing Processes, 0, , 1-9.	4.7	1
123	Numerical Analysis of Low Velocity Impact and Compression After Impact on Fibre Reinforced Composite Laminates. Materials Horizons, 2022, , 265-302.	0.6	1
124	Tribological behavior of MWCNT filled carbon fiber reinforced polymer composite under different sliding conditions and different environments. IOP Conference Series: Materials Science and Engineering, 2018, 455, 012003.	0.6	0
125	Investigation of Friction and Wear Behavior of MWCNTs Filled HFRP Composites under Different Sliding Parameters and Different Environment. Materials Today: Proceedings, 2018, 5, 28347-28353.	1.8	0
126	Optimization of Electrical Parameters for Production of Carbon Nanotubes in Arc Discharge Technique. Journal of Engineering and Applied Sciences, 2012, 7, 379-382.	0.2	0

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127	Tensile Loading Rate Effect on Open-Hole Tensile Strength and Failure Mechanism of Polymer Composites. Springer Proceedings in Materials, 2020, , 281-291.	0.3	0
128	Dynamic Compression Response of Porous Zirconium-Based Bulk Metallic Glass (Zr ₄₁ Ti ₁₄ Cu _{12.5} Ni ₁₀ Be _{22.5}) Honeycomb: A Numerical Study. , 2020, , 308-321.		0
129	Low Velocity Impact Test on Glass Fibre Reinforced Polymer Composite Laminates. Materials Horizons, 2022, , 149-189.	0.6	0