Jayashree Bijwe

List of Publications by Year
in descending order

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166	5,917	76196	98622
papers	citations	40 h-index	67 g-index

169	169	169	3106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carbon fiber surfaces and composite interphases. Composites Science and Technology, 2014, 102, 35-50.	3.8	585
2	Composites as friction materials: Recent developments in non-asbestos fiber reinforced friction materials?a review. Polymer Composites, 1997, 18, 378-396.	2.3	307
3	Renewable benzoxazine monomer from Vanillin: Synthesis, characterization, and studies on curing behavior. Journal of Polymer Science Part A, 2014, 52, 7-11.	2.5	193
4	Friction and wear behavior of polyetherimide composites in various wear modes. Wear, 2001, 249, 715-726.	1.5	155
5	Influence of PTFE content in PEEKâ€“PTFE blends on mechanical properties and tribo-performance in various wear modes. Wear, 2005, 258, 1536-1542.	1.5	148
6	Thermal behaviour of cardanol-based benzoxazines. Journal of Thermal Analysis and Calorimetry, 2010, 102, 769-774.	2.0	111
7	Influence of solid lubricants and fibre reinforcement on wear behaviour of polyethersulphone. Tribology International, 2000, 33, 697-706.	3.0	102
8	Effects of aramid fiber concentration on the friction and wear characteristics of non-asbestos organic friction composites using standardized braking tests. Wear, 2016, 354-355, 69-77.	1.5	98
9	Influence of cold remote nitrogen oxygen plasma treatment on carbon fabric and its composites with specialty polymers. Journal of Materials Science, 2011, 46, 964-974.	1.7	93
10	Development of copper-free eco-friendly brake-friction material using novel ingredients. Wear, 2016, 352-353, 79-91.	1.5	87
11	Gamma radiation treatment of carbon fabric to improve the fiberâ€“matrix adhesion and tribo-performance of composites. Wear, 2011, 271, 2184-2192.	1.5	83
12	PTFE based nano-lubricants. Wear, 2013, 306, 80-88.	1.5	83
13	Optimized selection of metallic fillers for best combination of performance properties of friction materials: A comprehensive study. Wear, 2013, 303, 569-583.	1.5	82
14	Influence of weave of carbon fabric in polyetherimide composites in various wear situations. Wear, 2007, 263, 984-991.	1.5	81
15	Composite friction materials based on organic fibres: Sensitivity of friction and wear to operating variables. Composites Part A: Applied Science and Manufacturing, 2006, 37, 1557-1567.	3.8	79
16	Erosive wear behavior of various polyamides. Wear, 2001, 249, 702-714.	1.5	77
17	Non-asbestos organic (NAO) friction composites: Role of copper; its shape and amount. Wear, 2011, 270, 269-280.	1.5	76
18	Role of different metallic fillers in non-asbestos organic (NAO) friction composites for controlling sensitivity of coefficient of friction to load and speed. Tribology International, 2010, 43, 965-974.	3.0	74

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19	Cardanol-based bisbenzoxazines. Journal of Thermal Analysis and Calorimetry, 2012, 107, 661-668.	2.0	74
20	Influence of impingement angle on solid particle erosion of carbon fabric reinforced polyetherimide composite. Wear, 2007, 262, 568-574.	1.5	73
21	Optimization of steel wool contents in non-asbestos organic (NAO) friction composites for best combination of thermal conductivity and tribo-performance. Wear, 2007, 263, 1243-1248.	1.5	69
22	Optimization of brass contents for best combination of tribo-performance and thermal conductivity of non-asbestos organic (NAO) friction composites. Wear, 2008, 265, 699-712.	1.5	68
23	NAO friction materials with various metal powders: Tribological evaluation on full-scale inertia dynamometer. Wear, 2010, 269, 826-837.	1.5	67
24	Wear performance of PEEKâ€“carbon fabric composites with strengthened fiberâ€“matrix interface. Wear, 2011, 271, 2261-2268.	1.5	67
25	Nano-abrasives in friction materials-influence on tribological properties. Wear, 2012, 296, 693-701.	1.5	65
26	Abrasive wear studies on composites of PEEK and PES with modified surface of carbon fabric. Tribology International, 2011, 44, 81-91.	3.0	62
27	Thermal behaviour of bis-benzoxazines derived from renewable feed stock 'vanillin'. Polymer Degradation and Stability, 2014, 109, 270-277.	2.7	56
28	Special grade of graphite in NAO friction materials for possible replacement of copper. Wear, 2015, 330-331, 515-523.	1.5	56
29	Copper Substitution and Noise Reduction in Brake Pads: Graphite Type Selection. Materials, 2012, 5, 2258-2269.	1.3	54
30	Composite friction materials based on metallic fillers: Sensitivity of Î¼ to operating variables. Tribology International, 2011, 44, 106-113.	3.0	52
31	Analysis of simultaneous influence of operating variables on abrasive wear of phenolic composites. Wear, 2002, 253, 787-794.	1.5	51
32	Influence of orientation of long fibers in carbon fiberâ€“polyetherimide composites on mechanical and tribological properties. Wear, 2009, 267, 839-845.	1.5	51
33	Analysis of load-speed sensitivity of friction composites based on various synthetic graphites. Wear, 2009, 266, 266-274.	1.5	51
34	Assessment of potential of nano and micro-sized boron carbide particles to enhance the abrasive wear resistance of UHMWPE. Composites Part B: Engineering, 2016, 99, 312-320.	5.9	51
35	Studies on reduced scale tribometer to investigate the effects of metal additives on friction coefficient â€“ Temperature sensitivity in brake materials. Wear, 2010, 269, 838-846.	1.5	50
36	Carbon fabric reinforced polyetherimide composites: Optimization of fabric content for best combination of strength and adhesive wear performance. Wear, 2007, 262, 749-758.	1.5	49

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37	Abrasive wear performance of SiC-UHMWPE nano-composites â€“ Influence of amount and size. Wear, 2015, 332-333, 863-871.	1.5	49
38	Influence of fiberâ€“matrix adhesion and operating parameters on sliding wear performance of carbon fabric polyethersulphone composites. Wear, 2011, 271, 2919-2927.	1.5	47
39	Nano-PTFE: New entrant as a very promising EP additive. Tribology International, 2015, 87, 121-131.	3.0	47
40	Surface lubrication of graphite fabric reinforced epoxy composites with nano- and micro-sized hexagonal boron nitride. Wear, 2013, 301, 802-809.	1.5	42
41	Influence of various metallic fillers in friction materials on hot-spot appearance during stop braking. Wear, 2011, 270, 371-381.	1.5	41
42	Optimization of the amount of short glass fibers for superior wear performance of PAEK composites. Composites Part A: Applied Science and Manufacturing, 2019, 116, 158-168.	3.8	40
43	Influence of fiber orientation on abrasive wear of unidirectionally reinforced carbon fiberâ€“polyetherimide composites. Tribology International, 2010, 43, 959-964.	3.0	39
44	Exploration of potential of solid lubricants and short fibers in Polyetherketone (PEK) composites. Wear, 2013, 301, 810-819.	1.5	39
45	Role of treatment to graphite particles to increase the thermal conductivity in controlling tribo-performance of polymer composites. Wear, 2016, 360-361, 87-96.	1.5	39
46	NBR-modified Resin in Fade and Recovery Module in Non-asbestos Organic (NAO) Friction Materials. Tribology Letters, 2007, 27, 189-196.	1.2	38
47	Strengthening of CF/PEEK interface to improve the tribological performance in low amplitude oscillating wear mode. Wear, 2013, 301, 735-739.	1.5	38
48	Performance properties of lithium greases with PTFE particles as additive: Controlling parameter- size or shape?. Tribology International, 2020, 148, 106302.	3.0	38
49	Influence of amount and modification of resin on fade and recovery behavior of non-asbestos organic (NAO) friction materials. Tribology Letters, 2006, 23, 215-222.	1.2	36
50	Blends of benzoxazine monomers. Journal of Thermal Analysis and Calorimetry, 2013, 111, 1357-1364.	2.0	36
51	Efforts towards green friction materials. Tribology International, 2019, 136, 196-206.	3.0	36
52	A step towards replacing copper in brake-pads by using stainless steel swarf. Wear, 2019, 424-425, 133-142.	1.5	36
53	Investigations on scratch behaviour of various polyamides. Wear, 2005, 259, 661-668.	1.5	35
54	Role of base oils in developing extreme pressure lubricants by exploring nano-PTFE particles. Tribology International, 2020, 143, 106071.	3.0	35

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55	Influence of weave of glass fabric on the oscillating wear performance of polyetherimide (PEI) composites. Wear, 2002, 253, 803-812.	1.5	34
56	Surface designing of carbon fabric polymer composites with nano and micron sized PTFE particles. Journal of Materials Science, 2012, 47, 4928-4935.	1.7	34
57	Tribology of Poly(etherketone) composites based on nano-particles of solid lubricants. Composites Part B: Engineering, 2020, 201, 108323.	5.9	34
58	Effect of dispersant on nano-PTFE based lubricants on tribo-performance in fretting wear mode. RSC Advances, 2016, 6, 22604-22614.	1.7	33
59	Exploration of thermoplastic polyimide as high temperature adhesive and understanding the interfacial chemistry using XPS, ToF-SIMS and Raman spectroscopy. Materials and Design, 2016, 109, 622-633.	3.3	32
60	Attaining high tribo-performance of PAEK composites by selecting right combination of solid lubricants in right proportions. Composites Science and Technology, 2017, 144, 139-150.	3.8	32
61	Tribological Investigations of Nano and Micro-sized GraphiteÂParticles as an Additive in Lithium-Based Grease. Tribology Letters, 2020, 68, 1.	1.2	32
62	Influence of nano-potassium titanate particles on the performance of NAO brake-pads. Wear, 2017, 376-377, 727-737.	1.5	32
63	Design and development of high performance tribo-composites based on synergism in two solid lubricants. Composites Part B: Engineering, 2016, 94, 399-410.	5.9	31
64	Role of micro and nano-particles of hBN as a secondary solid lubricant for improving tribo-potential of PAEK composite. Tribology International, 2019, 130, 400-412.	3.0	31
65	Evaluation of Engineering Polymeric Composites for Abrasive Wear Performance. Journal of Reinforced Plastics and Composites, 1999, 18, 1573-1591.	1.6	29
66	Influence of fillers on the low amplitude oscillating wear behaviour of polyamide 11. Wear, 2004, 256, 1-8.	1.5	29
67	Enhancing the adhesive wear performance of polyetherimide composites through nano-particle treatment of the carbon fabric. Journal of Materials Science, 2012, 47, 2891-2898.	1.7	29
68	Synthesis of itaconimide/nadimide-functionalized benzoxazine monomers: Structural and thermal characterization. Reactive and Functional Polymers, 2013, 73, 1544-1552.	2.0	28
69	Investigations on influence of nano and micron sized particles of SiC on performance properties of PEEK coatings. Surface and Coatings Technology, 2018, 334, 124-133.	2.2	28
70	Tribo-Investigations on Oils With Dispersants and Hexagonal Boron Nitride Particles. Journal of Tribology, 2018, 140, .	1.0	28
71	Comparative performance evaluation of NAO friction materials containing natural graphite and thermo-graphite. Wear, 2016, 358-359, 17-22.	1.5	27
72	Exploring potential of Micro-Raman spectroscopy for correlating graphitic distortion in carbon fibers with stresses in erosive wear studies of PEEK composites. Wear, 2011, 270, 791-799.	1.5	26

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73	Hard metal nitrides: Role in enhancing the abrasive wear resistance of UHMWPE. Wear, 2017, 378-379, 35-42.	1.5	26
74	Role of Nano-YbF3-Treated Carbon Fabric on Improving Abrasive Wear Performance of Polyetherimide Composites. Tribology Letters, 2011, 42, 293-300.	1.2	25
75	Polyetherimide composites with gamma irradiated carbon fabric: Studies on abrasive wear. Wear, 2011, 270, 688-694.	1.5	25
76	Design and development of advanced polymer composites as high performance tribo-materials based on blends of PEK and ABPBI. Wear, 2015, 342-343, 65-76.	1.5	25
77	Comparative potential assessment of solid lubricants on the performance of poly aryl ether ketone (PAEK) composites. Wear, 2017, 384-385, 192-202.	1.5	25
78	Tribo-performance enhancement of PAEK composites using nano/micro-particles of metal chalcogenides. Composites Science and Technology, 2018, 167, 7-23.	3.8	25
79	Finite element modeling of indentation and adhesive wear in sliding of carbon fiber reinforced thermoplastic polymer against metallic counterpart. Tribology International, 2019, 135, 200-212.	3.0	25
80	Influence of molecular weight on performance properties of polyethersulphone and its composites with carbon fabric. Wear, 2012, 274-275, 388-394.	1.5	24
81	Role of size of hexagonal boron nitride particles on triboâ€performance of nano and micro oils. Lubrication Science, 2018, 30, 441-456.	0.9	24
82	Exploration of plasma treated stainless steel swarf to reduce the wear of copper-free brake-pads. Tribology International, 2020, 144, 106111.	3.0	24
83	Studies for Wear Property Correlation for Carbon Fabric-Reinforced PES Composites. Tribology Letters, 2011, 43, 267-273.	1.2	23
84	Investigations on performance and failure mechanisms of high temperature thermoplastic polymers as adhesives. International Journal of Adhesion and Adhesives, 2016, 70, 90-101.	1.4	23
85	Phloretic acid: a smart choice to develop low-temperature polymerizable bio-based benzoxazine thermosets. Journal of Thermal Analysis and Calorimetry, 2020, 142, 1233-1242.	2.0	23
86	Potential exploration of nano-talc particles for enhancing the anti-wear and extreme pressure performance of oil. Tribology International, 2020, 151, 106452.	3.0	23
87	Comparison between Nano-and Micro-Sized Copper Particles as Fillers in NAO Friction Materials. Nanomaterials and Nanotechnology, 2013, 3, 12.	1.2	22
88	Development of high performance poly (ether-ketone) composites based on novel processing technique. Materials & Design, 2015, 73, 50-59.	5.1	22
89	Optimization of weave of carbon fabric for best combination of strength and tribo-performance of polyetherimide composites in adhesive wear mode. Wear, 2008, 264, 96-105.	1.5	21
90	Optimization of material parameters for development of polyetherimide composites. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 168, 55-59.	1.7	21

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91	Application and comparative study of new optimization method for performance ranking of friction materials. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2018, 232, 143-154.	1.0	21
92	Influence of Carbon Fabric on Fretting Wear Performance of Polyetherimide Composite. Journal of Tribology, 2002, 124, 834-839.	1.0	20
93	Exploration of potential of graphite particles with varying sizes as EPA and AWA in oils. Tribology International, 2018, 127, 264-275.	3.0	20
94	Synergism between particles of PTFE and hBN to enhance the performance of oils. Wear, 2017, 384-385, 169-177.	1.5	19
95	A complex interdependence of dispersant in nano-suspensions with varying amount of graphite particles on its stability and tribological performance. Tribology International, 2020, 142, 105968.	3.0	19
96	High performance polymer composites - Influence of processing technique on the fiber length and performance properties. Wear, 2020, 446-447, 203189.	1.5	19
97	Interfacial interaction of PTFE sub-micron particles in oil with steel surfaces as excellent extreme-pressure additive. Journal of Molecular Liquids, 2021, 325, 115238.	2.3	19
98	Influence of Plasma Treatment on Carbon Fabric for Enhancing Abrasive Wear Properties of Polyetherimide Composites. Tribology Letters, 2011, 41, 153-162.	1.2	18
99	Optimization of graphite contents in PAEK composites for best combination of performance properties. Composites Part B: Engineering, 2019, 174, 106951.	5.9	18
100	Carbon Nanoparticles of Varying Shapes as Additives in Mineral Oil Assessment of Comparative Performance Potential. ACS Applied Materials & Interfaces, 2021, 13, 38844-38856.	4.0	18
101	Surface topography modification, Film transfer and Wear mechanism for fibre reinforced polymer compositesâ€"An Overview. Surface Topography: Metrology and Properties, 2020, 8, 043002.	0.9	18
102	Exploration of potential of Zylon and Aramid fibers to enhance the abrasive wear performance of polymers. Wear, 2019, 422-423, 180-190.	1.5	17
103	On the significant enhancement in the performance properties of PAEK composite by inclusion of a small amount of nano-mica particles. Tribology International, 2019, 136, 87-104.	3.0	17
104	Variation in size of graphite particles and its cascading effect on the performance properties of PAEK composites. Composites Part B: Engineering, 2020, 182, 107641.	5.9	17
105	Carbon nanotubes- A powerful nano-filler for enhancing the performance properties of polyetherketoneketone composites and adhesives. Composites Science and Technology, 2021, 210, 108813.	3.8	17
106	Various ways to strengthen the fiberâ€matrix interface for enhanced composite performance. Surface and Interface Analysis, 2013, 45, 1838-1848.	0.8	16
107	Copper-free brake-pads: A break-through by selection of the right kind of stainless steel particles. Wear, 2021, 464-465, 203537.	1.5	16
108	Poly (ether ether ketone) - Silicon carbide composite adhesives for elevated temperature applications of stainless steel joints. Composites Science and Technology, 2018, 155, 177-188.	3.8	15

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109	Exploration of Talc nanoparticles to enhance the performance of Lithium grease. Tribology International, 2021, 162, 107107.	3.0	15
110	Propensity to noise and vibration emission of copper-free brake-pads. Tribology International, 2021, 153, 106651.	3.0	14
111	Investigations on Performance Properties of Nano-Micro Composites Based on Polyetherketone, Short Carbon Fibers and Hexa-Boron Nitride. Science of Advanced Materials, 2015, 7, 1002-1011.	0.1	14
112	Promaxon-D reinforced brake-pads to ameliorate the noise-vibration performance. Wear, 2021, 477, 203808.	1.5	12
113	Influence of content of carbon fabric on the low amplitude oscillating wear performance of polyetherimide composites. Tribology Letters, 2006, 23, 223-229.	1.2	11
114	Functionalization of alumina particles to improve the performance of eco-friendly brake-pads. Friction, 2021, 9, 1213-1226.	3.4	11
115	Role of combination of hexagonal boron nitride and graphite in NAO friction material. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2016, 230, 1107-1112.	1.0	10
116	High temperature performance of composite adhesives based on PEEK and boron carbide particles. Polymer Composites, 2019, 40, 2473-2481.	2.3	10
117	Feâ€“Al alloy for eco-friendly copper-free brake-pads. Tribology International, 2021, 163, 107156.	3.0	9
118	On the significant tribo-potential of PAEK based composites and their dry bearings. Tribology International, 2020, 142, 105994.	3.0	8
119	Roles of Size, Shape, Amount, and Functionalization of Nanoparticles of Titania in Controlling the Tribo-Performance of UHMWPE Composites. Frontiers in Materials, 2020, 7, .	1.2	8
120	Low pressure plasma induced surface changes of some stainless steels. Surface and Coatings Technology, 2021, 425, 127700.	2.2	8
121	Susceptibility of eco-friendly brake-pads to noise-vibration emanation due to siloxane treatment on alumina particles. Applied Acoustics, 2022, 185, 108377.	1.7	8
122	Dielectric Properties of Iron Phthalocyanine Compounds. Journal of Porphyrins and Phthalocyanines, 1998, 02, 223-230.	0.4	7
123	Multifunctionality of nonasbestos organic brake materials. , 2015, , 551-572.		7
124	Effect of dispersant on nanoâ€PTFE: Striking the balance between stability and triboâ€performance. Lubrication Science, 2018, 30, 339-353.	0.9	7
125	Composites of titanium nano and micro-particles and UHMWPE for enhanced performance properties. Surface Topography: Metrology and Properties, 2020, 8, 025013.	0.9	7
126	Synergism or antagonism in tribo-performance of nano-greases using combinations of nanoparticles of graphite and PTFE. Applied Nanoscience (Switzerland), 2021, 11, 2525-2536.	1.6	7

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127	Various attributes controlling the performance of nano-composites and adhesives of TiC-PAEK. Composites Science and Technology, 2021, 214, 108969.	3.8	7
128	Argon low-pressure plasma treatment to stainless steel particles to augment the wear resistance of Cu-free brake-pads. Tribology International, 2022, 167, 107366.	3.0	7
129	Exploration of Zylon fibers with various aspect ratios to enhance the performance of eco-friendly brake-pads. Tribology International, 2022, 167, 107385.	3.0	7
130	Assessment of Lubricity of Biodiesel Blends in Reciprocating Wear Mode. , 2004, , .		6
131	Polymer composite bearings with engineered tribo-surfaces. Tribology and Interface Engineering Series, 2008, 55, 483-500.	0.0	6
132	Studies on Friction Mechanism of NAO Brake-Pads Containing Potassium Titanate Powder as a Theme Ingredient. SAE International Journal of Materials and Manufacturing, 0, 11, 43-56.	0.3	6
133	On the investigations of nano and micro-sized particles of Boric acid as a solid lubricant in PAEK composites. Surface Topography: Metrology and Properties, 2019, 7, 035005.	0.9	6
134	Role of Promaxon-D in Controlling Tribological Performance of Cu-Free Brake Pads. Metals, 2021, 11, 441.	1.0	6
135	Exceptional performance of bi-directionally reinforced composite of PEEK manufactured by commingling technique using poly(p-phenylene-benzobisoxazole) (PBO) fibers. Composites Science and Technology, 2022, 218, 109125.	3.8	6
136	Unexplored solid lubricity of Titanium nanoparticles in oil to modify the metallic interfaces. Applied Surface Science, 2022, 580, 152127.	3.1	6
137	Effect of solid lubricant and fibrous reinforcement on the abrasive wear of polyamides. Journal of Synthetic Lubrication: Research, Development and Application of Synthetic Lubricants and Functional Fluids, 2003, 19, 327-340.	0.7	5
138	Thermal properties of bisitaconimide and bisbenzoxazine blends. Journal of Thermal Analysis and Calorimetry, 2014, 116, 427-434.	2.0	5
139	Exploring the tribo-potential of nano and micron-sized particles of potassium titanate in PAEK based composite. Surface Topography: Metrology and Properties, 2019, 7, 025023.	0.9	5
140	A complex interdependence of thermal conductivity and lubricity of two solid lubricants to control the tribo-performance of PAEK based composites. Wear, 2020, 458-459, 203406.	1.5	5
141	Exploration of PTFE sub-micron particles for enhancing the performance of commercial oils. Surface Topography: Metrology and Properties, 2021, 9, 025005.	0.9	5
142	The effect of wollastonite silane-treatment on mechanical and tribological performance of NAO brake-pads. International Journal of Surface Science and Engineering, 2019, 13, 293.	0.4	4
143	Particulate PTFE as a super-efficient secondary solid lubricant in PAEK composites for exceptional performance in adhesive wear mode. Composites Part C: Open Access, 2021, 4, 100110.	1.5	4
144	Role of thermal conductivity in controlling the tribo-performance of non-asbestos organic brake-pads. Journal of Composite Materials, 2020, 54, 4145-4155.	1.2	4

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145	Influence of Amount of Phenolic Resin on the Tribological Performance of Environment-Friendly Friction Materials. , 0, , .		4
146	Electrical properties of iron phthalocyanine systems with a mixed valenced central iron atom. European Polymer Journal, 1987, 23, 167-170.	2.6	3
147	Preliminary studies of the influence of cryo-treatment on the mechanical and tribological properties of ptfe and composites. Journal of Synthetic Lubrication: Research, Development and Application of Synthetic Lubricants and Functional Fluids, 2001, 17, 309-331.	0.7	3
148	Nano and Micro PTFE for Surface Lubrication of Carbon Fabric Reinforced Polyethersulphone Composites. Materials Forming, Machining and Tribology, 2012, , 19-39.	0.7	3
149	Combination of nanoparticles of graphite and hexagonal boron nitride as anti-wear and extreme-pressure additives- On exploring the possibility of synergism. Surface Topography: Metrology and Properties, 2020, 8, 025025.	0.9	3
150	Processing of PAEK-graphite fabric composites â€“ Pros and cons of film technique over powder sprinkling technique. Composites Part B: Engineering, 2021, 215, 108804.	5.9	3
151	Functionalization of spherical alumina nano-particles for enhancing the performance of PAEK-based composites. Applied Surface Science, 2021, 562, 150107.	3.1	3
152	Performance Augmentation of Epoxy Adhesives with TiN Nanoparticles. ACS Omega, 2022, 7, 4150-4157.	1.6	3
153	Suppression of Brake Noise and Vibration Using Aramid and Zylon Fibers: Experimental and Numerical Study. ACS Omega, 2022, 7, 21946-21960.	1.6	3
154	Green tribology. Surface Topography: Metrology and Properties, 2017, 5, 010302.	0.9	2
155	Role of Orientation of Graphite Fabric in Polyetherimide Composite with Respect to Loading Direction on the Wear Performance in Various Wear Modes. Tribology Letters, 2019, 67, 1.	1.2	2
156	Exploration of a novel method to treat graphite fibers to enhance the surface topography vis-Ã-vis fibre-matrix adhesion. Surface Topography: Metrology and Properties, 2020, 8, 015011.	0.9	2
157	Graphite fabric reinforced PAEK composites by novel impregnation-co-film technique. IOP SciNotes, 2020, 1, 014001.	0.4	2
158	Influence of Increasing Amount of Attapulgite on the Performance Properties of Cu-Free Brake-Pads. , 0, , .		2
159	Controlling the Performance of Copper-Free Brake-Pads by Varying Size of Graphite Particles. , 0, , .		2
160	1. Tribology of carbon fabric-reinforced thermoplastic composites. , 2018, , 1-30.		1
161	Combination of nano-particles of graphite and PTFE in the right amount for synergism as anti-wear and extreme pressure additive in oil. Surface Topography: Metrology and Properties, 2021, 9, 035049.	0.9	1
162	Exploration of pros and cons of polyetherimide solutions with varying concentrations as the sizing agents for graphite fibers in graphite fabric-PAEK composites. Journal of Materials Research and Technology, 2021, 14, 2085-2095.	2.6	1

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163	Wear Assessment in a Biodiesel Fuelled Compression Ignition Engine. , 2001, , .		1
164	Eco-Friendly Brake-Pads Using Ferritic Stainless-Steel Particles of Varying Sizes: Influence on Performance Properties. , 0, , .		1
165	Surface engineering with micro- and nanosized solid lubricants for enhanced performance of polymer composites and bearings. , 2013, , 687-716.		0
166	Studies on Friction Mechanism of NAO Brake-Pads Containing Potassium Titanate Powder as a Theme Ingredient. SAE International Journal of Materials and Manufacturing, 0, 11, .	0.3	0