Amar Patnaik

List of Publications by Year
in descending order

139 papers	3,890 citations	117625 34 h-index	168389 53 g-index
141 all docs	141 docs citations	141 times ranked	2174 citing authors

#	Article	IF	Citations
1	Investigation of annealing on CR-2 grade steel using Taguchi and Taguchi based gray relational analysis. Advances in Materials and Processing Technologies, 2022, 8, 2231-2246.	1.4	4
2	Biomaterials for dental composite applications: A comprehensive review of physical, chemical, mechanical, thermal, tribological, and biological properties. Polymers for Advanced Technologies, 2022, 33, 1762-1781.	3.2	29
3	Tribological behavior of zinc oxideâ€hydroxyapatite particulates filled dental restorative composite materials. Polymer Composites, 2022, 43, 3029-3040.	4.6	17
4	Fabrication and characterization of micro alumina zirconia particulate filled dental restorative composite materials. Polymer Composites, 2022, 43, 1526-1535.	4.6	21
5	Experimental and Numerical Analysis of Mechanical, Thermal and Thermomechanical Properties of Hybrid Glass/Metal Fiber Reinforced Epoxy Composites. Fibers and Polymers, 2022, 23, 1342-1365.	2.1	4
6	Optimal Design of Ceramic Based Hip Implant Composites Using Hybrid AHP-MOORA Approach. Materials, 2022, 15, 3800.	2.9	3
7	Thermal and Sliding Wear Properties of Wood Waste-Filled Poly(Lactic Acid) Biocomposites. Polymers, 2022, 14, 2230.	4.5	6
8	Experimental and numerical investigation on slurry erosion performance of hybrid glass/steel fiber reinforced polymer composites for marine applications. Polymer Composites, 2022, 43, 5592-5610.	4.6	3
9	Numerical simulation of solid particle erosion for glass fiber reinforced epoxy composites. Materials Today: Proceedings, 2021, 38, 285-288.	1.8	3
10	Experimental and numerical investigation of thermal conductivity of marble dust filled needle punched nonwoven jute-epoxy hybrid composite. Materials Today: Proceedings, 2021, 38, 248-252.	1.8	8
11	Computational fluid dynamics modeling of erosion at diverse impact angle for glass fiber reinforced polymer composite. Materials Today: Proceedings, 2021, 38, 237-241.	1.8	2
12	Bioceramic composites for orthopaedic applications: A comprehensive review of mechanical, biological, and microstructural properties. Ceramics International, 2021, 47, 3013-3030.	4.8	76
13	Effect of microâ€sized marble dust on mechanical and thermoâ€mechanical properties of needleâ€punched nonwoven jute fiber reinforced polymer composites. Polymer Composites, 2021, 42, 881-898.	4.6	17
14	Experimental and numerical investigation of mechanical and erosion behavior of barium sulphate filled glass fiber reinforced polymer composites. Polymer Composites, 2021, 42, 753-773.	4.6	12
15	Tribo-behaviour of biomaterials for hip arthroplasty. Materials Today: Proceedings, 2021, 44, 4809-4815.	1.8	5
16	Optimization of solid particle erosion behaviour of waste marble dust filled glass fiber polymer composite using Taguchi approach. Materials Today: Proceedings, 2021, 44, 4908-4912.	1.8	2
17	Optimization of sliding and mechanical performance Ti/NI metal powder particulate reinforced Al 6061 alloy composite using preference selection index method. Materials Today: Proceedings, 2021, 44, 4784-4788.	1.8	7
18	Thermo-mechanical characterization of nonwoven fabric reinforced polymer composites. Materials Today: Proceedings, 2021, 44, 4770-4774.	1.8	6

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19	Experimental and numerical investigation on erosive wear performance of hybrid polymer composites. Materials Today: Proceedings, 2021, 44, 4775-4783.	1.8	2
20	Optimization of waste fly ash powder filled glass fiber reinforced epoxy composite by hybrid AHP-TOPSIS approach. Materials Today: Proceedings, 2021, 44, 4789-4794.	1.8	6
21	A Short Review on Polymer, Metal and Ceramic Based Implant Materials. IOP Conference Series: Materials Science and Engineering, 2021, 1017, 012038.	0.6	30
22	Characterization and Optimization of Slurry Erosion Behavior of SS 316 at Room Temperature. Transactions of the Indian Institute of Metals, 2021, 74, 839-849.	1.5	6
23	Utilization of Waste Marble Dust in Poly(Lactic Acid)-Based Biocomposites: Mechanical, Thermal and Wear Properties. Journal of Polymers and the Environment, 2021, 29, 2952-2963.	5.0	31
24	Waste Fly Ash Powder Filled Glass Fiber Reinforced Epoxy Composite: Physical, Mechancial, Thermo-mechanical, and Three-body Abrasive Wear Analysis. Fibers and Polymers, 2021, 22, 1120-1136.	2.1	10
25	Mechanical, Thermal and Thermomechanical Properties of Sponge Iron Slag filled Needle-Punched Nonwoven Jute Epoxy Hybrid Composites. Fibers and Polymers, 2021, 22, 1082-1098.	2.1	8
26	Study the kinetics involved in solid state reduction of mill scale with lean grade coal and optimization of process parameters involved in reduction through rotary kiln furnace. Materials Today: Proceedings, 2021, 44, 5004-5011.	1.8	2
27	Polymer green composites reinforced with natural fibers: A comparative study. Materials Today: Proceedings, 2021, 44, 4767-4769.	1.8	10
28	Parametric investigation and optimization for CO₂ laser cladding of AlFeCoCrNiCu powder on AISI 316. High Temperature Materials and Processes, 2021, 40, 265-280.	1.4	6
29	Mechanical physical and wear properties of some oxide ceramics for hip joint application: A short review. Materials Today: Proceedings, 2021, 44, 4913-4918.	1.8	7
30	Review on erosion wear characteristic of natural fiber reinforced polymer composite. Materials Today: Proceedings, 2021, 44, 4795-4800.	1.8	6
31	Material Selection for Automotive Piston Component Using Entropy-VIKOR Method. Silicon, 2020, 12, 155-169.	3.3	49
32	Silicon Carbide Ceramic Particulate Reinforced AA2024 Alloy Composite - Part I: Evaluation of Mechanical and Sliding Tribology Performance. Silicon, 2020, 12, 843-865.	3.3	33
33	Application of Hybrid AHP-TOPSIS Technique in Analyzing Material Performance of Silicon Carbide Ceramic Particulate Reinforced AA2024 Alloy Composite. Silicon, 2020, 12, 1075-1084.	3.3	21
34	Microstructure, Thermal, Thermo-mechanical and Fracture Analyses of Hybrid AA2024-SiC Alloy Composites. Transactions of the Indian Institute of Metals, 2020, 73, 181-190.	1.5	10
35	Fabrication of Ceramic Hip Implant Composites: Influence of Silicon Nitride on Physical, Mechanical and Wear Properties. Silicon, 2020, 12, 1237-1245.	3.3	15
36	Synthesis and Characterization of Metallic Iron Reduced from Low-grade Coal in Rajasthan. Mining, Metallurgy and Exploration, 2020, 37, 1741-1751.	0.8	0

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37	Effect of Si3N4 Ceramic Particulates on Mechanical, Thermal, Thermo-Mechanical and Sliding Wear Performance of AA2024 Alloy Composites. Silicon, 2020, , 1.	3.3	8
38	Mechanical and <scp>threeâ€body</scp> abrasive wear behavior analysis of glass and basalt <scp>fiberâ€reinforced</scp> epoxy composites. Polymer Composites, 2020, 41, 3717-3731.	4.6	21
39	Optimal design of needlepunched nonwoven fiber reinforced epoxy composites using improved preference selection index approach. Journal of Materials Research and Technology, 2020, 9, 7583-7591.	5.8	17
40	Tribology Analysis of Cobalt Particulate Filled Al 7075 Alloy for Gear Materials: a Comparative Study. Silicon, 2019, 11, 1295-1311.	3.3	32
41	Evaluation of some mechanical characterization and optimization of waste marble dust filled glass fiber reinforced polymer composite. Materials Research Express, 2019, 6, 105702.	1.6	24
42	Slurry erosion behaviour of marble powder filled needle punched nonwoven reinforced epoxy composite: an optimization using Taguchi approach. Materials Research Express, 2019, 6, 105318.	1.6	11
43	Effect of Cobalt Content on Thermal, Mechanical, and Microstructural Properties of Al0.4FeCrNiCox (xâ€‰=â€‰0, 0.25, 0.5, 1.0Âmol) High-Entropy Alloys. Journal of Materials Engineering and Performance, 2019, 28, 4111-4119.	2.5	8
44	Natural fiber reinforced non-asbestos brake friction composites: Influence of ramie fiber on physico-mechanical and tribological properties. Materials Research Express, 2019, 6, 115701.	1.6	30
45	Effect of Molybdenum Content on Structure and Properties of a Co-Cr Biomedical Alloy. Journal of Materials Engineering and Performance, 2019, 28, 6340-6353.	2.5	9
46	Dry Sliding Wear Behavior of Al0.4FeCrNiCox(xâ€‰=â€‰0, 0.25, 0.5, 1.0Âmol) High-Entropy Alloys. Metallography, Microstructure, and Analysis, 2019, 8, 545-557.	1.0	4
47	Experimental investigation on the physical, mechanical and tribological properties of hemp fiber-based non-asbestos organic brake friction composites. Materials Research Express, 2019, 6, 085710.	1.6	28
48	Effect of cobalt content on wear behaviour of Al0.4FeCrNiCox (x = 0, 0.25, 0.5, 1.0 mol) high entropy alloys tested under demineralised water with and without 3.5% NaCl solution. Materials Research Express, 2019, 6, 0865b3.	1.6	6
49	Erosive wear behaviour of aluminium alloys: a comparison between slurry and dry erosion. Materials Research Express, 2019, 6, 086503.	1.6	10
50	A Comparative Study of the Physical, Mechanical and Thermo-mechanical Behavior of GFRP Composite Based on Fabrication Techniques. Fibers and Polymers, 2019, 20, 823-831.	2.1	30
51	Waste marble dustâ€filled glass fiberâ€reinforced polymer composite Part I: Physical, thermomechanical, and erosive wear properties. Polymer Composites, 2019, 40, 4113-4124.	4.6	57
52	Effects of in situ TiC dispersion and test parameters on the dry sliding wear behaviour of aluminium bronze. Materials Research Express, 2019, 6, 086557.	1.6	1
53	A novel hybrid AHP-SAW approach for optimal selection of natural fiber reinforced non-asbestos organic brake friction composites. Materials Research Express, 2019, 6, 065701.	1.6	32
54	Fabrication of waste bagasse fiberâ€reinforced epoxy composites: Study of physical, mechanical, and erosion properties. Polymer Composites, 2019, 40, 3777-3786.	4.6	45

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55	Room temperature wear study of Al_{0.4}FeCrNiCo_x (x = 0, 0.25, 0.5,) Tj ETQq1 1 0.784314 rgBT / 841-853.	2.6	18
56	Mechanical and Tribological overview of ceramic particulates reinforced aluminium alloy composites. Reviews on Advanced Materials Science, 2019, 58, 280-294.	3.3	26
57	Parametric Optimization of Erosive Wear Response of TiAlN-Coated Aluminium Alloy Using Taguchi Method. Journal of Materials Engineering and Performance, 2019, 28, 838-851.	2.5	23
58	Physico-mechanical, thermal and dynamic mechanical behaviour of natural-synthetic fiber reinforced vinylester based homogenous and functionally graded composites. Materials Research Express, 2019, 6, 025704.	1.6	22
59	Development of hybrid fiber reinforced functionally graded polymer composites for mechanical and wear analysis. AIP Conference Proceedings, 2019, , .	0.4	5
60	Agriculture waste reinforced corn starch-based biocomposites: effect of rice husk/walnut shell on physicomechanical, biodegradable and thermal properties. Materials Research Express, 2019, 6, 045702.	1.6	47
61	Dry sliding wear analysis of aluminium alloy based cylinder liner by using linear reciprocating tribometer. Materials Research Express, 2019, 6, 046503.	1.6	3
62	Application of waste tire rubber particles in non-asbestos organic brake friction composite materials. Materials Research Express, 2019, 6, 035703.	1.6	30
63	Preliminary Evaluations on Development of Recycled Porcelain Reinforced LM-26/Al-Si10Cu3Mg1 Alloy for Piston Materials. Silicon, 2019, 11, 1557-1573.	3.3	21
64	Static and dynamic mechanical behavior of microcapsule-reinforced dental composite. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2019, 233, 1184-1190.	1.1	5
65	Application of hybrid analytical hierarchy process and complex proportional assessment approach for optimal design of brake friction materials. Polymer Composites, 2019, 40, 1602-1608.	4.6	47
66	Physico-mechanical and Surface Wear Assessment of Magnesium Oxide Filled Ceramic Composites for Hip Implant Application. Silicon, 2019, 11, 39-49.	3.3	20
67	Preliminary evaluations on development of new materials for hip joint femoral head. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2019, 233, 885-899.	1.1	10
68	Mechanical and Erosion Characteristics of Natural Fiber Reinforced Polymer Composite: Effect of Filler Size. Energy, Environment, and Sustainability, 2019, , 101-116.	1.0	4
69	Erosive Wear Behaviour of Carbon Fiber/Silicon Nitride Polymer Composite for Automotive Application. Energy, Environment, and Sustainability, 2019, , 117-129.	1.0	8
70	Optimum selection of nano- and microsized filler for the best combination of physical, mechanical, and wear properties of dental composites. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2018, 232, 416-428.	1.1	5
71	Effect of cobalt on microstructure and properties of AlCr_{1.5}CuFeNi₂Co_x high-entropy alloys. Materials Research Express, 2018, 5, 046514.	1.6	8
72	Experimental Investigation on Mechanical and Thermal Properties of Marble Dust Particulate-Filled Needle-Punched Nonwoven Jute Fiber/Epoxy Composite. Jom, 2018, 70, 1284-1288.	1.9	46

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73	Physicoâ€mechanical and tribological properties of nanoclay filled friction composite materials using Taguchi design of experiment approach. Polymer Composites, 2018, 39, 1575-1581.	4.6	24
74	Selection of brake friction materials using hybrid analytical hierarchy process and vise Kriterijumska Optimizacija Kompromisno Resenje approach. Polymer Composites, 2018, 39, 1655-1662.	4.6	41
75	Mechanical characterizations and development of erosive wear model for Al₂O₃-filled short glass fiber-reinforced polymer composites. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2018, 232, 893-908.	1.1	6
76	Effect of adding nanoalumina and marble dust powder on the physical, mechanical, and thermoâ€mechanical characterization of dental composite. Polymer Composites, 2018, 39, E321.	4.6	25
77	Parametric study and optimization of multiwalled carbon nanotube filled friction composite materials using taguchi method. Polymer Composites, 2018, 39, E1109.	4.6	29
78	Effect of Marble Dust as Filler on Erosion Behaviour of Needle-punched-nonwoven Jute/Epoxy Composite. SSRN Electronic Journal, 2018, , .	0.4	8
79	Tribo-performance of Granite Powder Filled Glass-epoxy Composites. SSRN Electronic Journal, 2018, , .	0.4	0
80	Assessment of braking performance of lapinusâ€“wollastonite fibre reinforced friction composite materials. Journal of King Saud University, Engineering Sciences, 2017, 29, 183-190.	2.0	42
81	Investigation on mechanical and thermoâ€mechanical properties of granite powder filled treated jute fiber reinforced epoxy composite. Polymer Composites, 2017, 38, 736-748.	4.6	52
82	Experimental investigation and numerical simulation of granite powder filled polymer composites for wind turbine blade: A comparative analysis. Polymer Composites, 2017, 38, 1335-1352.	4.6	31
83	Novel dental composite material reinforced with silane functionalized microsized gypsum filler particles. Polymer Composites, 2017, 38, 404-415.	4.6	39
84	Tribological and Microstructure Examination of Environmental Waste (Marble Dust) Filled Silicon Bronze Alloy for Wear Resistant Applications. Silicon, 2017, 9, 249-263.	3.3	17
85	Thermoâ€mechanical and tribological properties of multiâ€walled carbon nanotubes filled friction composite materials. Polymer Composites, 2017, 38, 1183-1193.	4.6	33
86	Erosive wear behavior and dynamic mechanical analysis of textile material reinforced polymer composites. Polymer Composites, 2017, 38, 2201-2211.	4.6	21
87	Experimental investigation and optimization of impinging jet solar thermal collector by Taguchi method. Applied Thermal Engineering, 2017, 116, 100-109.	6.0	68
88	Biosynthesis, characterization and antibacterial activity of silver nanoparticles using an endophytic fungal supernatant of Raphanus sativus. Journal of Genetic Engineering and Biotechnology, 2017, 15, 31-39.	3.3	155
89	Investigation of nickel metal powder on tribological and mechanical properties of Al-7075 alloy composites for gear materials. Powder Metallurgy, 2017, 60, 371-383.	1.7	42
90	Comparative investigation of physical, mechanical and thermomechanical characterization of dental composite filled with nanohydroxyapatite and mineral trioxide aggregate. E-Polymers, 2017, 17, 311-319.	3.0	13

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91	Hybrid entropy â€“ TOPSIS approach for energy performance prioritization in a rectangular channel employing impinging air jets. Energy, 2017, 134, 360-368.	8.8	51
92	Mechanistic interpretations of fracture toughness and correlations to wear behavior of hydroxyapatite and silica/hydroxyapatite filled bis-GMA/TEGDMA micro/hybrid dental restorative composites. Composites Part B: Engineering, 2017, 130, 132-146.	12.0	42
93	Influence of wollastonite shape and amount on tribo-performance of non-asbestos organic brake friction composites. Wear, 2017, 386-387, 157-164.	3.1	73
94	Wear Performance Forecasting of Chopped Fiberâ€“Reinforced Polymer Composites: A New Approach Using Dimensional Analysis. Tribology Transactions, 2017, 60, 873-880.	2.0	4
95	Optimization of parameters in solar thermal collector provided with impinging air jets based upon preference selection index method. Renewable Energy, 2016, 99, 118-126.	8.9	69
96	Mechanical and thermo-mechanical analysis based numerical simulation of granite powder filled polymer composites for wind turbine blade. Fibers and Polymers, 2016, 17, 1078-1089.	2.1	12
97	Thermal stability analysis of nano-particulate-filled phenolic-based friction composite materials. Journal of Industrial Textiles, 2016, 45, 1335-1349.	2.4	18
98	Microstructure and Wear Behavior of Single layer (CrN) and Multilayered (SiN/CrN) Coatings on Particulate Filled Aluminum Alloy Composites. Silicon, 2016, 8, 417-435.	3.3	9
99	Thermo-Mechanical and Fracture Characterization of Uncoated, Single and Multilayer (SiN/CrN) Coating on Granite Powder Filled Metal Alloy Composites. Silicon, 2016, 8, 133-143.	3.3	6
100	Optimization of tribo-performance of brake friction materials: Effect of nano filler. Wear, 2015, 324-325, 10-16.	3.1	80
101	Experimental and finite element analysis of mechanical and fracture behaviour of Al₂O₃ particulate-filled A356 alloy composites: Part II. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2015, 229, 64-76.	1.1	5
102	Mechanical and visco-elastic analysis of viscose fiber based needle-punched nonwoven fabric mat reinforced polymer composites: Part I. Journal of Industrial Textiles, 2014, 43, 440-457.	2.4	19
103	A Taguchi approach for investigation of solid particle erosion response of needle-punched nonwoven reinforced polymer composites: Part II. Journal of Industrial Textiles, 2014, 43, 458-480.	2.4	21
104	Comparative investigations on three-body abrasive wear behavior of long and short glass fiber-reinforced epoxy composites. Advanced Composite Materials, 2014, 23, 293-317.	1.9	26
105	Thermo-Mechanical Properties and Abrasive Wear Behavior of Silicon Carbide Filled Woven Glass Fiber Composites. Silicon, 2014, 6, 155-168.	3.3	52
106	Thermo-mechanical characterization of nano filled and fiber reinforced brake friction materials. AIP Conference Proceedings, 2013, , .	0.4	8
107	Thermo-mechanical properties of silicon carbide filled chopped glass fiber reinforced epoxy composites. International Journal of Advanced Structural Engineering, 2013, 5, 1.	1.3	52
108	Effect of Nanoclay Reinforcement on the Friction Braking Performance of Hybrid Phenolic Friction Composites. Journal of Materials Engineering and Performance, 2013, 22, 796-805.	2.5	32

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109	Evaluation of thermo-mechanical behavior and stress intensity factor of titania-filled zincâ€“aluminium alloy composites. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2013, 227, 293-307.	1.1	1
110	Temperature dependence of friction and wear performance and thermomechanical response of flyash-filled brake composites. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2013, 227, 373-384.	1.8	12
111	Thermo-mechanical and sliding wear behaviour of vinyl esterâ€“cement by-pass dust particulate-filled homogenous and their functionally graded composites. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2013, 227, 246-258.	1.8	9
112	FRICTION BRAKING PERFORMANCE OF NANOFILLED HYBRID FIBER REINFORCED PHENOLIC COMPOSITES: INFLUENCE OF NANOCLAY AND CARBON NANOTUBES. Nano, 2013, 08, 1350025.	1.0	25
113	Investigations on friction-fade and friction-recovery performance of phenolic composites based on fly ashâ€“graphite combinations for braking applications. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2012, 226, 439-450.	1.8	7
114	Laser assisted rapid manufacturing technique for the manufacturing of functionally graded materials. , 2012, , .		5
115	Comparison of the Mechanical and Thermo-Mechanical Properties of Unfilled and SiC Filled Short Glass Polyester Composites. Silicon, 2012, 4, 175-188.	3.3	21
116	Investigations on mechanical and sliding wear behaviour of short fibre-reinforced vinylester-based homogenous and their functionally graded composites. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2012, 226, 300-315.	1.1	10
117	Structural and mechanical properties of needleâ€punched nonwoven reinforced composites in erosive environment. Journal of Applied Polymer Science, 2012, 123, 1698-1707.	2.6	23
118	Evaluation of fadeâ€recovery performance of hybrid friction composites based on ternary combination of ceramicâ€fibers, ceramicâ€whiskers, and aramidâ€fibers. Journal of Applied Polymer Science, 2012, 124, 3650-3661.	2.6	16
119	Ductile-to-brittle transition in cenosphere-filled polypropylene composites. Journal of Materials Science, 2011, 46, 1963-1974.	3.7	32
120	Viscoelastic interpretations of erosion performance of short aramid fibre reinforced vinyl ester resin composites. Journal of Materials Science, 2011, 46, 7489-7500.	3.7	26
121	Effect of fiber length on mechanical behavior of coir fiber reinforced epoxy composites. Fibers and Polymers, 2011, 12, 73-78.	2.1	109
122	Preparation, characterization and erosion response of jute-epoxy composites reinforced with SiC derived from rice husk. International Journal of Plastics Technology, 2011, 15, 69-76.	3.1	22
123	Effect of fiber loading and orientation on mechanical and erosion wear behaviors of glassâ€“epoxy composites. Polymer Composites, 2011, 32, 665-674.	4.6	44
124	Mechanical and dry sliding wear characterization of epoxyâ€“TiO2 particulate filled functionally graded composites materials using Taguchi design of experiment. Materials & Design, 2011, 32, 615-627.	5.1	134
125	Thermo-mechanical correlations to erosion performance of short carbon fibre reinforced vinyl ester resin composites. Materials & Design, 2011, 32, 2260-2268.	5.1	49
126	A Study on Modified Mechanical and Wear Characteristics of Epoxy-Particulate Filled Homogenous Composites and Their Functionally Graded Materials. Journal of Tribology, 2011, 133, .	1.9	20

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127	Solid Particle Erosion Behavior of Needlepunched Nonwoven Reinforced Composites. Research Journal of Textile and Apparel, 2010, 14, 12-22.	1.1	12
128	Performance assessment of hybrid composite friction materials based on flyashâ€“rock fibre combination. Materials & Design, 2010, 31, 723-731.	5.1	62
129	Solid particle erosion wear characteristics of fiber and particulate filled polymer composites: A review. Wear, 2010, 268, 249-263.	3.1	194
130	Processing and Characterization of Jute-Epoxy Composites Reinforced with SiC Derived from Rice Husk. Journal of Reinforced Plastics and Composites, 2010, 29, 2869-2878.	3.1	86
131	Erosive Wear Performance Analysis of Jute-Epoxy-SiC Hybrid Composites. Journal of Composite Materials, 2010, 44, 1623-1641.	2.4	32
132	Study on Erosion Response of Hybrid Composites Using Taguchi Experimental Design. Journal of Engineering Materials and Technology, Transactions of the ASME, 2009, 131, .	1.4	36
133	Tribo-performance of polyester hybrid composites: Damage assessment and parameter optimization using Taguchi design. Materials & Design, 2009, 30, 57-67.	5.1	81
134	A study on processing, characterization and erosion behavior of fish (Labeo-rohita) scale filled epoxy matrix composites. Materials & Design, 2009, 30, 2359-2371.	5.1	67
135	A Comparative Study on Different Ceramic Fillers Affecting Mechanical Properties of Glassâ€”Polyester Composites. Journal of Reinforced Plastics and Composites, 2009, 28, 1305-1318.	3.1	92
136	A modeling approach for prediction of erosion behavior of glass fiberâ€“polyester composites. Journal of Polymer Research, 2008, 15, 147-160.	2.4	64
137	Taguchi method applied to parametric appraisal of erosion behavior of GF-reinforced polyester composites. Wear, 2008, 265, 214-222.	3.1	94
138	Implementation of Taguchi Design for Erosion of Fiber-Reinforced Polyester Composite Systems with SiC Filler. Journal of Reinforced Plastics and Composites, 2008, 27, 1093-1111.	3.1	76
139	Parametric Optimization of Erosion Behavior of Marble Dust Filled Aramid/Epoxy Hybrid Composite. SSRN Electronic Journal, 0, , .	0.4	4