Sandro C. Amico

List of Publications by Year
in descending order

252	6,803	66234	88477
papers	citations	42 h-index	70 g-index

258	258	258	6129
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	VALIDAÃ‡ÃƒO DE DOIS MODELOS NUMÃ‰RICOS (AXISSIMÃ‰TRICO E TRIDIMENSIONAL) PARA SOLUÃ‡ÃƒO DE PROBLEMAS DE MOLDAGEM LÃQUIDA. Revista Mundi Engenharia Tecnologia E GestÃ£o (ISSN 2525-4782), 2023, 4, .	0.0	0
2	Production of sustainable polymeric composites using grape pomace biomass. Biomass Conversion and Biorefinery, 2022, 12, 5869-5880.	2.9	12
3	Degradation kinetics and lifetime prediction for polystyrene/nanocellulose nanocomposites. Journal of Thermal Analysis and Calorimetry, 2022, 147, 879-890.	2.0	13
4	Short-beam shear fatigue behavior of round curved pultruded composite. Mechanics of Advanced Materials and Structures, 2022, 29, 5579-5587.	1.5	2
5	Experimental and numerical evaluation of the perforation resistance of multi-layered alumina/aramid fiber ballistic shield impacted by an armor piercing projectile. Composites Part B: Engineering, 2022, 230, 109488.	5.9	18
6	Surface modification of carbon fiber with imidazolium ionic liquids. Composite Interfaces, 2022, 29, 915-927.	1.3	6
7	Processing, thermal and mechanical properties of composite laminates with natural fibers prepregs. Polymers and Polymer Composites, 2022, 30, 096739112210875.	1.0	2
8	Grafting amount and structural characteristics of microcrystalline cellulose functionalized with different aminosilane contents. Cellulose, 2022, 29, 3209-3224.	2.4	8
9	FEM updating for damage modeling of composite cylinders under radial compression considering the winding pattern. Thin-Walled Structures, 2022, 173, 108954.	2.7	24
10	Combined hygrothermal aging and mechanical loading effect on unidirectional glass/epoxy composites. Polymers and Polymer Composites, 2022, 30, 096739112210952.	1.0	2
11	Tribological performance of eco-friendly friction materials with rice husk. Wear, 2022, 500-501, 204374.	1.5	12
12	Hybridization effect of functionalized microcrystalline cellulose and liquid acrylonitrile butadiene rubber on epoxy. Journal of Composite Materials, 2022, 56, 2867-2877.	1.2	8
13	Experimental study on the low-velocity impact response of inter-ply S2-glass/aramid woven fabric hybrid laminates. Thin-Walled Structures, 2022, 177, 109458.	2.7	14
14	Composite for insole shoe assembly based on polyvinyl acetate and polyester fabric waste from the footwear industry. Polymer Composites, 2022, 43, 7360-7371.	2.3	4
15	Does the viscoelastic behavior of fully cured epoxy depend on the thermal history during curing?. Journal of Composite Materials, 2022, 56, 3439-3453.	1.2	1
16	Influence of hybridization on the mechanical and dynamic mechanical properties of aramid/S2-glass hybrid laminates. Materials Today Communications, 2022, 32, 104021.	0.9	5
17	Rigid bio-based wood/polyurethane foam composites expanded under confinement. Journal of Cellular Plastics, 2021, 57, 757-768.	1.2	9
18	In situ L-RTM manufacturing of sandwich panels with PET foam core reinforced by polymeric pins. Journal of Sandwich Structures and Materials, 2021, 23, 241-254.	2.0	8

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19	Recent studies on modified cellulose/nanocellulose epoxy composites: A systematic review. Carbohydrate Polymers, 2021, 255, 117366.	5.1	44
20	Effect of fibre bundle uncertainty on the tensile and shear behaviour of plain-woven composites. Composite Structures, 2021, 259, 113440.	3.1	10
21	Numericalâ€experimental structural instability analysis of composite tubes considering manufacturing parameters and imperfections. Polymer Composites, 2021, 42, 1530-1542.	2.3	3
22	Aramid pulp treated with imidazolium ionic liquids as a filler in rigid polyurethane bioâ€foams. Journal of Applied Polymer Science, 2021, 138, 50492.	1.3	16
23	Tribological studies and modal analysis on biocomposite/PVC core sandwich panels. , 2021, , 301-319.		1
24	A Revista MatÃ©ria e o 8Âº Congresso Brasileiro de Carbono. Revista Materia, 2021, 26, .	0.1	0
25	CEMENT COMPOSITES REINFORCED WITH TEOS-TREATED WOOD FIBRES. Cellulose Chemistry and Technology, 2021, 55, 141-147.	0.5	1
26	Evaluation of Flow-Mesh Influence in Resin Injection Processes. Applied Composite Materials, 2021, 28, 369-380.	1.3	0
27	Experimental damping ratio evaluation using Hilbert transform in filament-wound composite plates. Polymers and Polymer Composites, 2021, 29, S1578-S1587.	1.0	3
28	Modeling of the resin transfer molding process including viscosity dependence with time and temperature. Polymer Composites, 2021, 42, 2795.	2.3	2
29	EPDM with Biochar, Carbon Black, Aramid Pulp and Ionic Liquid-compatibilized Aramid Pulp. Fibers and Polymers, 2021, 22, 1180-1188.	1.1	4
30	Micro fibrillated cellulose reinforced bio-based rigid high-density polyurethane foams. Cellulose, 2021, 28, 4313-4326.	2.4	26
31	Epoxy-based composites reinforced with imidazolium ionic liquid-treated aramid pulp. Polymer, 2021, 226, 123787.	1.8	29
32	Spectroscopic analysis of chemically modified carbon fibres. Surface and Interface Analysis, 2021, 53, 901.	0.8	2
33	Enhancing thermal and dynamicâ€mechanical properties of epoxy reinforced by aminoâ€functionalized microcrystalline cellulose. Journal of Applied Polymer Science, 2021, 138, 51329.	1.3	13
34	Timeâ€dependent properties of epoxy resin with imidazolium ionic liquid. Journal of Applied Polymer Science, 2021, 138, 51369.	1.3	5
35	Experimental and artificial neural network approach for prediction of dynamic mechanical behavior of sisal/glass hybrid composites. Polymers and Polymer Composites, 2021, 29, S1033-S1043.	1.0	7
36	Improvement in mechanical, physical and biological properties of eucalyptus and pine woods by raw pine resin in situ polymerization. Industrial Crops and Products, 2021, 166, 113495.	2.5	18

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37	High-Velocity Impact Behavior of Aramid/S2-Glass Interply Hybrid Laminates. Applied Composite Materials, 2021, 28, 1899-1917.	1.3	12
38	Fast-growing pine wood modified by a two-step treatment based on heating and in situ polymerization of polystyrene. Construction and Building Materials, 2021, 302, 124422.	3.2	11
39	Multiscale modelling approach for simulating low velocity impact tests of aramid-epoxy composite with nanofillers. European Journal of Mechanics, A/Solids, 2021, 90, 104286.	2.1	15
40	Design, modeling, optimization, manufacturing and testing of variable-angle filament-wound cylinders. Composites Part B: Engineering, 2021, 225, 109224.	5.9	50
41	Indentation Creep Response and Rupture Mechanisms in GLARE: Experimental and Statistical Evaluation. Journal of Testing and Evaluation, 2021, 49, 1853-1863.	0.4	2
42	Creep and Residual Properties of Filament-Wound Composite Rings under Radial Compression in Harsh Environments. Polymers, 2021, 13, 33.	2.0	14
43	Multi-component nanocomposites of epoxy/silsesquioxane reinforced with carbon fibers and carbon nanotubes processed by resin transfer molding. Polymer-Plastics Technology and Materials, 2020, 59, 517-526.	0.6	1
44	Tribological behavior of glass/sisal fiber reinforced polyester composites. Polymer Composites, 2020, 41, 112-120.	2.3	19
45	The influence of silane surface modification on microcrystalline cellulose characteristics. Carbohydrate Polymers, 2020, 230, 115595.	5.1	65
46	Bending behavior of CFRP cables in the nonlinear displacement range. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	0.8	2
47	Aramid pulp reinforced hydrogenated nitrile butadiene rubber composites with ionic liquid compatibilizers. Journal of Applied Polymer Science, 2020, 137, 48702.	1.3	22
48	Hybrid composites: Experimental, numerical and analytical assessment aided by online software. Mechanics of Materials, 2020, 148, 103533.	1.7	2
49	In-plane Permeability and Mechanical Properties of R-Glass/Aramid Hybrid Composites. Journal of Materials Engineering and Performance, 2020, 29, 4484-4492.	1.2	21
50	Effect of carbonaceous nanofillers and triblock copolymers on the toughness of epoxy resin. Polymer Bulletin, 2020, 78, 5467.	1.7	3
51	Curing and seawater aging effects on mechanical and physical properties of glass/epoxy filament wound cylinders. Composites Communications, 2020, 22, 100517.	3.3	17
52	Production and characterization of cellulose nanocrystals/ acrylonitrile butadiene styrene nanocomposites. Journal of Composite Materials, 2020, 54, 4207-4214.	1.2	4
53	Numerical Analysis of the Influence of Empty Channels Design on Performance of Resin Flow in a Porous Plate. Applied Sciences (Switzerland), 2020, 10, 4054.	1.3	7
54	The role of winding pattern on filament wound composite cylinders under radial compression. Polymer Composites, 2020, 41, 2446-2454.	2.3	34

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55	Analytical and numerical modelling of high-velocity impact on multilayer alumina/aramid fiber composite ballistic shields: Improvement in modelling approaches. Composites Part B: Engineering, 2020, 187, 107830.	5.9	37
56	Tribological investigation on nano-graphene and curauÃ¡ filled three-phase polymer composites. Materials Today: Proceedings, 2020, 28, 172-176.	0.9	1
57	Influence of mosaic pattern on hygrothermally-aged filament wound composite cylinders under axial compression. Journal of Composite Materials, 2020, 54, 2651-2659.	1.2	26
58	Composite spirals and rings under flexural loading: Experimental and numerical analysis. Journal of Composite Materials, 2020, 54, 2697-2705.	1.2	13
59	Dynamic-mechanical properties as a function of luffa fibre content and adhesion in a polyester composite. Polymer Testing, 2020, 87, 106538.	2.3	28
60	Lightweight Composites through Imidazolium Ionic Liquid Enhanced Aramidâ€“Epoxy Resin Interactions. ACS Applied Polymer Materials, 2020, 2, 1754-1763.	2.0	19
61	Imidazolium ionic liquids as fracture toughening agents in DGEBA-TETA epoxy resin. Polymer Testing, 2020, 87, 106556.	2.3	24
62	Optimum slippage dependent, non-geodesic fiber path determination for a filament wound composite nozzle. European Journal of Mechanics, A/Solids, 2020, 82, 103994.	2.1	10
63	Basalt fiber hybridization effects on the thermal degradation properties of curauÃ¡ fiber composites. Materials Today: Proceedings, 2020, 28, 258-260.	0.9	6
64	Inter and intralayer basalt hybrid effects on the static and vibrational behaviors of Brazilian curauÃ¡/basalt hybrid composite. Materials Today: Proceedings, 2020, 33, 1212-1215.	0.9	3
65	Polyester/paper composites: study of manufacturing techniques for product development. Revista Materia, 2020, 25, .	0.1	0
66	Reaproveitamento de resÃduo de placas de circuito impresso como cargas em compÃ³sitos de polipropileno. Revista Materia, 2020, 25, .	0.1	0
67	Low velocity impact response of R-glass/epoxy composites produced by vacuum infusion. Multiscale and Multidisciplinary Modeling, Experiments and Design, 2019, 2, 89-96.	0.9	5
68	The effect of thickness on vacuum infusion processing of aramid/epoxy composites for ballistic application. Journal of Composite Materials, 2019, 53, 383-391.	1.2	14
69	Micromechanics of Short-Fiber and Particulate Composites. , 2019, , 125-152.		1
70	Surface response and photodegradation performance of bio-based polyurethane-forest derivatives foam composites. Polymer Testing, 2019, 80, 106102.	2.3	19
71	Fatigue damage and fatigue life diagrams of a carbon/epoxy cross ply laminate aged by hygrothermal exposure. Composites Part A: Applied Science and Manufacturing, 2019, 127, 105628.	3.8	10
72	Experimental evaluation of temperature effect on the transverse permeability of a fibrous preform. Materials Today: Proceedings, 2019, 8, 731-737.	0.9	2

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73	Investigation to Appraise the Abrasive Water Jet Response of Curaua/Basalt Hybrid Polyester Composites. International Journal of Manufacturing, Materials, and Mechanical Engineering, 2019, 9, 13-29.	0.3	4
74	Mechanical response of filament wound composite rings under tension and compression. Polymer Testing, 2019, 78, 105951.	2.3	41
75	CaCO₃ Particle-Filled Polymer Composite Manufacturing via RTM Process: An Experimental Investigation. Defect and Diffusion Forum, 2019, 391, 30-35.	0.4	0
76	Influence of projectile and thickness on the ballistic behavior of aramid composites: Experimental and numerical study. International Journal of Impact Engineering, 2019, 132, 103307.	2.4	42
77	Mechanical and dynamic-mechanical properties of silanized graphene oxide/epoxy composites. Journal of Polymer Research, 2019, 26, 1.	1.2	11
78	Experimental investigation of transverse permeability applied to liquid molding. Polymer Composites, 2019, 40, 3938-3946.	2.3	10
79	Effect of silane treatment on the Curaua fibre/polyester interface. Plastics, Rubber and Composites, 2019, 48, 160-167.	0.9	9
80	Ballistic strain-rate-dependent material modelling of glass-fibre woven composite based on the prediction of a meso-heterogeneous approach. Composite Structures, 2019, 216, 187-200.	3.1	35
81	An Overview on Plant Fiber Technology: An Interdisciplinary Approach. , 2019, , 977-999.		3
82	Mechanical, electrical, and electromagnetic properties of hybrid graphene/glass fiber/epoxy composite. Polymers and Polymer Composites, 2019, 27, 262-267.	1.0	20
83	Multiscale hybrid composites with carbon-based nanofillers. , 2019, , 449-470.		4
84	Zinc oxide nanoparticles from microwave-assisted solvothermal process: Photocatalytic performance and use for wood protection against xylophagous fungus. Nanomaterials and Nanotechnology, 2019, 9, 184798041987620.	1.2	30
85	A geometric approach for filament winding pattern generation and study of the influence of the slippage coefficient. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	0.8	14
86	Experimental design and theoretical analysis on the various tribological responses of curauÃ¡/polyester composites. Materials Research Express, 2019, 6, 125337.	0.8	6
87	Offloading marine hoses: Computational and experimental analyses. , 2019, , 389-416.		7
88	Composite materials for mooring applications: Manufacturing, material characterization, and design. , 2019, , 451-490.		0
89	The effect of fluorination of aramid fibers on vinyl ester composites. Polymer Composites, 2019, 40, 2095-2102.	2.3	5
90	Development of multilaminar composites for vehicular ballistic protection using ultra-high molecular weight polyethylene laminates and aramid fabrics. Journal of Composite Materials, 2019, 53, 1907-1916.	1.2	7

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91	Imidazolium ionic liquid compatibilizers in melt-blended styrene-butadiene rubber/aramid pulp composites. Polymer Bulletin, 2019, 76, 3451-3462.	1.7	17
92	Comportamento tÃ©rmico de compÃ³sitos de poliestireno reciclado reforÃ§ado com celulose de bagaÃ§o de cana. Revista Materia, 2019, 24, .	0.1	4
93	Thermal and combustion features of rigid polyurethane biofoams filled with four forestâ€based wastes. Polymer Composites, 2018, 39, E1770.	2.3	20
94	Fibre loading effects on dynamic mechanical properties of compression moulded luffa fibre polyester composites. International Journal of Computer Aided Engineering and Technology, 2018, 10, 157.	0.1	14
95	On creep, recovery, and stress relaxation of carbon fiberâ€reinforced epoxy filament wound composites. Polymer Engineering and Science, 2018, 58, 1837-1842.	1.5	27
96	Mechanical and ballistic analysis of aramid/vinyl ester composites. Journal of Composite Materials, 2018, 52, 289-299.	1.2	13
97	Carbon/epoxy filament wound composite drive shafts under torsion and compression. Journal of Composite Materials, 2018, 52, 1103-1111.	1.2	35
98	Forestâ€based resources as fillers in biobased polyurethane foams. Journal of Applied Polymer Science, 2018, 135, 45684.	1.3	51
99	Creep and interfacial behavior of carbon fiber reinforced epoxy filament wound laminates. Polymer Composites, 2018, 39, E2199.	2.3	39
100	Metallic and composite cables: a brief review. International Journal of Computer Aided Engineering and Technology, 2018, 10, 179.	0.1	1
101	Mechanical and dynamicâ€mechanical properties of silaneâ€treated graphite nanoplatelet/epoxy composites. Journal of Applied Polymer Science, 2018, 135, 46724.	1.3	20
102	Compatibilization and mechanical properties of compression-molded polypropylene/high-impact polystyrene blends. Progress in Rubber, Plastics and Recycling Technology, 2018, 34, 117-127.	0.8	11
103	Buckling and post-buckling of filament wound composite tubes under axial compression: Linear, nonlinear, damage and experimental analyses. Composites Part B: Engineering, 2018, 149, 227-239.	5.9	67
104	Multi-scale analyses of a floating marine hose with hybrid polyaramid/polyamide reinforcement cords. Marine Structures, 2018, 60, 279-292.	1.6	16
105	Aramid pulp with physisorbed imidazolium ionic liquids for solventâ€casted enhanced styreneâ€butadiene rubber composites. Journal of Applied Polymer Science, 2018, 135, 46693.	1.3	17
106	Strength analysis of composite cables. Latin American Journal of Solids and Structures, 2018, 15, .	0.6	5
107	Hemicellulose Removal in Curaua (Ananas erectifolius) Fibers for Polyester Composites. Nova Scientia, 2018, 10, 154-172.	0.0	5
108	Numerical Analysis of Carbon Fiber Cables for Mooring Lines Under Tensile and Bending Loading. International Journal of Offshore and Polar Engineering, 2018, 28, 387-392.	0.3	0

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109	Effect of sonication and clay content on the properties of unsaturated polyester/montmorillonite nanocomposites. Journal of Composite Materials, 2017, 51, 187-197.	1.2	13
110	Thermal and fire retardancy studies of clayâ€modified unsaturated polyester/glass fiber composites. Polymer Composites, 2017, 38, 2743-2752.	2.3	9
111	Compressive-tensile fatigue behavior of cords/rubber composites. Polymer Testing, 2017, 61, 185-190.	2.3	27
112	Stacking sequence optimization in composite tubes under internal pressure based on genetic algorithm accounting for progressive damage. Composite Structures, 2017, 178, 20-26.	3.1	67
113	Numerical model updating applied to the simulation of carbon fiberâ€“reinforced polymer cables under bending and tensile stress. Journal of Strain Analysis for Engineering Design, 2017, 52, 356-364.	1.0	5
114	Parametric analysis of an offloading hose under internal pressure via computational modeling. Marine Structures, 2017, 51, 174-187.	1.6	24
115	Thermal and Mechanical Investigation of Interlaminate Glass/Curaua Hybrid Polymer Composites. Journal of Natural Fibers, 2017, 14, 271-277.	1.7	19
116	Damage modeling for carbon fiber/epoxy filament wound composite tubes under radial compression. Composite Structures, 2017, 160, 204-210.	3.1	69
117	Hollow glass microspheres/piassava fiber-reinforced homo- and co-polypropylene composites: preparation and properties. Polymer Bulletin, 2017, 74, 1979-1993.	1.7	15
118	Numerical and Experimental Analysis of the Tensile and Bending Behaviour of CFRP Cables. Polymers and Polymer Composites, 2017, 25, 643-650.	1.0	6
119	Effect of starch treatment and hybridisation on the mechanical properties of natural fibre composites. International Journal of Computer Aided Engineering and Technology, 2017, 9, 261.	0.1	2
120	Transverse permeability determination and influence in resin flow through an orthotropic medium in the RTM process. Revista Materia, 2017, 22, .	0.1	6
121	Carbon nanotube hybrid polymer composites. , 2017, , 133-150.		0
122	Influence of Fibre Treatment on the Characteristics of Buriti and Ramie Polyester Composites. Polymers and Polymer Composites, 2017, 25, 247-256.	1.0	17
123	Study of Composites Produced with Recovered Polypropylene and Piassava Fiber. Materials Research, 2017, 20, 144-150.	0.6	11
124	The 3rd Brazilian Conference on Composite Materials - BCCM3. Revista Materia, 2017, 22, .	0.1	0
125	Reuse of waste paper and rice hulls as filler in polymeric matrix composites. Revista Materia, 2017, 22, .	0.1	4
126	Influence of Stacking Sequence on the Mechanical and Dynamic Mechanical Properties of Cotton/Glass Fiber Reinforced Polyester Composites. Materials Research, 2016, 19, 542-547.	0.6	120

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127	Progressive damage modeling of spiral and ring composite structures for offloading hoses. Materials and Design, 2016, 108, 374-382.	3.3	28
128	Effect of inter-laminar fibre orientation on the tensile properties of sisal fibre reinforced polyester composites. IOP Conference Series: Materials Science and Engineering, 2016, 152, 012055.	0.3	7
129	Functionalized-Carbon Nanotubes with Physisorbed Ionic Liquid as Filler for Epoxy Nanocomposites. Journal of Nanoscience and Nanotechnology, 2016, 16, 9132-9140.	0.9	16
130	Synthesis and performance of palladium-based electrocatalysts in alkaline direct ethanol fuel cell. International Journal of Hydrogen Energy, 2016, 41, 6457-6468.	3.8	56
131	Ageing effect on the tensile behavior of pultruded CFRP rods. Materials and Design, 2016, 110, 245-254.	3.3	28
132	Damage and failure in carbon/epoxy filament wound composite tubes under external pressure: Experimental and numerical approaches. Materials and Design, 2016, 96, 431-438.	3.3	88
133	Carbon fiber-reinforced epoxy filament-wound composite laminates exposed to hygrothermal conditioning. Journal of Materials Science, 2016, 51, 4697-4708.	1.7	85
134	Evaluation of mechanical properties of sandwich structures with polyethylene terephthalate and polyvinyl chloride core. Journal of Sandwich Structures and Materials, 2016, 18, 229-241.	2.0	17
135	Layering pattern effects on vibrational behavior of coconut sheath/banana fiber hybrid composites. Materials and Design, 2016, 90, 795-803.	3.3	74
136	Dynamic mechanical properties and the dynamic fragility concept applied to vegetal fiber on vegetal composite materials. Journal of Composite Materials, 2016, 50, 2469-2475.	1.2	4
137	Glass fiber/carbon nanotubes/epoxy three-component composites as radar absorbing materials. Polymer Composites, 2016, 37, 2277-2284.	2.3	38
138	Geometrical evaluation of a resin infusion process by means of constructal design. International Journal of Heat and Technology, 2016, 34, S101-S108.	0.3	2
139	Dynamic mechanical properties and correlation with dynamic fragility of sisal reinforced composites. Polymer Composites, 2015, 36, 161-166.	2.3	17
140	Application of calcium carbonate in resin transfer molding process: An experimental investigation. Materialwissenschaft Und Werkstofftechnik, 2015, 46, 24-32.	0.5	5
141	AvaliaÃ§Ã£o das caracterÃsticas da resina epÃ³xi com diferentes aditivos desaerantes. Polimeros, 2015, 25, 186-191.	0.2	2
142	Studies on thermal and viscoelastic properties of vinyl ester resin and its composites with glass fiber. Revista Materia, 2015, 20, 64-71.	0.1	13
143	AnÃ¡lise numÃ©rica da pressÃ£o de ruptura de tubos Ã base de borracha e cordonÃ©is polimÃ©ricos. Polimeros, 2015, 25, 109-116.	0.2	3
144	Effect of curing temperature and layering pattern on performance studies: a novel hybrid composite. Journal of Polymer Engineering, 2015, 35, 127-134.	0.6	5

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145	Effect of the stacking sequence on vibrational behavior of Sansevieria cylindrica/coconut sheath polyester hybrid composites. Journal of Reinforced Plastics and Composites, 2015, 34, 293-306.	1.6	50
146	Effect of clay silylation on curing and mechanical and thermal properties of unsaturated polyester/montmorillonite nanocomposites. Journal of Physics and Chemistry of Solids, 2015, 87, 9-15.	1.9	28
147	Sodium montmorillonite modified with methacryloxy and vinylsilanes: Influence of silylation on the morphology of clay/unsaturated polyester nanocomposites. Applied Clay Science, 2015, 114, 550-557.	2.6	53
148	Tribology of composites produced with recycled GFRP waste. Journal of Composite Materials, 2015, 49, 2849-2858.	1.2	7
149	Effect of fiber orientation on the shear behavior of glass fiber/epoxy composites. Materials & Design, 2015, 65, 789-795.	5.1	81
150	Zinc layered hydroxide salts: intercalation and incorporation into low-density polyethylene. Polimeros, 2014, 24, 673-682.	0.2	14
151	Processing of a LLDPE/HDPE pressure vessel liner by rotomolding. Materials Research, 2014, 17, 236-241.	0.6	9
152	Investigation of cure kinetics in epoxy/multiwalled carbon nanotube nanocomposites. Journal of Applied Polymer Science, 2014, 131, .	1.3	14
153	Analysis of curaua/glass hybrid interlayer laminates. Journal of Reinforced Plastics and Composites, 2014, 33, 472-478.	1.6	25
154	Resin Transfer Molding Process: A Numerical Analysis. Defect and Diffusion Forum, 2014, 353, 44-49.	0.4	2
155	Synergy of fiber length and content on free vibration and damping behavior of natural fiber reinforced polyester composite beams. Materials & Design, 2014, 56, 379-386.	5.1	146
156	Load sharing ability of the liner in type III composite pressure vessels under internal pressure. Journal of Reinforced Plastics and Composites, 2014, 33, 2274-2286.	1.6	37
157	Correlation of the thermal stability and the decomposition kinetics of six different vegetal fibers. Cellulose, 2014, 21, 177-188.	2.4	99
158	Thermal behavior and the compensation effect of vegetal fibers. Cellulose, 2014, 21, 189-201.	2.4	32
159	â€œUnrollingâ€•multi-walled carbon nanotubes with ionic liquids: application as fillers in epoxy-based nanocomposites. RSC Advances, 2014, 4, 43436-43443.	1.7	12
160	Sponge Gourd (Luffa Cylindrica) Reinforced Polyester Composites: Preparation and Properties. Defence Science Journal, 2014, 64, 273-280.	0.5	36
161	Efeito de Aditivos Desaerantes nas CaracterÃsticas de CompÃ³sitos de EpÃ³xi/Fibras de Vidro. Polimeros, 2014, 24, 117-122.	0.2	4
162	InfluÃªncia da Espessura nas Propriedades MecÃ¢nicas de CompÃ³sitos HÃbridos Interlaminares de CurauÃ¡ / Vidro / PoliÃ©ster. Polimeros, 2014, 24, 184-189.	0.2	6

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163	Hybridization effect on the mechanical properties of curaua/glass fiber composites. Composites Part B: Engineering, 2013, 55, 492-497.	5.9	120
164	Short beam strength of curaua, sisal, glass and hybrid composites. Journal of Reinforced Plastics and Composites, 2013, 32, 197-206.	1.6	33
165	Influence of fiber content on the mechanical and dynamic mechanical properties of glass/ramie polymer composites. Materials & Design, 2013, 47, 9-15.	5.1	194
166	Mechanical behavior and correlation between dynamic fragility and dynamic mechanical properties of curaua fiber composites. Polymer Composites, 2013, 35, n/a-n/a.	2.3	10
167	Resin transfer molding process: a numerical and experimental investigation. International Journal of Multiphysics, 2013, 7, 125-136.	0.3	13
168	Algebraic rectilinear model for multilayer resin transfer molding injection. Journal of Reinforced Plastics and Composites, 2013, 32, 3-15.	1.6	6
169	Gray optimization of process parameters of surface modification of coconut sheath reinforced polymer composites. Journal of Polymer Engineering, 2013, 33, 665-672.	0.6	3
170	Glass fiber hybrid composites molded by RTM using a dispersion of carbon nanotubes/clay in epoxy. Materials Research, 2013, 16, 1128-1133.	0.6	8
171	Nanocomposite of photocurable epoxy-acrylate resin and carbon nanotubes: dynamic-mechanical, thermal and tribological properties. Materials Research, 2013, 16, 367-374.	0.6	12
172	CompÃ³sitos de Poliestireno e Argila AniÃ´nica Funcionalizada com Cinamato com Propriedade de AbsorÃ§Ã£o de UV. Polimeros, 2013, 23, 778-783.	0.2	0
173	Applying Computational Analysis in Studies of Resin Transfer Moulding. Defect and Diffusion Forum, 2012, 326-328, 158-163.	0.4	1
174	Influence of fiber hybridization on the dynamic mechanical properties of glass/ramie fiber-reinforced polyester composites. Journal of Reinforced Plastics and Composites, 2012, 31, 1652-1661.	1.6	90
175	Preparation and characterization of ramie-glass fiber reinforced polymer matrix hybrid composites. Materials Research, 2012, 15, 415-420.	0.6	79
176	Resin Transfer Molding Process: Fundamentals, Numerical Computation and Experiments. Advanced Structured Materials, 2012, , 121-151.	0.3	6
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