Mirabel C Rezende

List of Publications by Year
in descending order

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223 papers	5,275 citations	109321 35 h-index	123424 61 g-index
223 all docs	223 docs citations	223 times ranked	4740 citing authors

#	Article	IF	Citations
1	A review on the development and properties of continuous fiber/epoxy/aluminum hybrid composites for aircraft structures. Materials Research, 2006, 9, 247-256.	1.3	415
2	The influence of porosity on the interlaminar shear strength of carbon/epoxy and carbon/bismaleimide fabric laminates. Composites Science and Technology, 2001, 61, 2101-2108.	7.8	228
3	Mechanical behavior of carbon fiber reinforced polyamide composites. Composites Science and Technology, 2003, 63, 1843-1855.	7.8	213
4	Antistatic coating and electromagnetic shielding properties of a hybrid material based on polyaniline/organoclay nanocomposite and EPDM rubber. Synthetic Metals, 2006, 156, 1249-1255.	3.9	193
5	Fabrication of glassy carbon spools for utilization in fiber optic gyroscopes. Carbon, 2002, 40, 787-788.	10.3	136
6	Preparation of nanocellulose from Imperata brasiliensis grass using Taguchi method. Carbohydrate Polymers, 2018, 192, 337-346.	10.2	106
7	Damping behavior of continuous fiber/metal composite materials by the free vibration method. Composites Part B: Engineering, 2005, 37, 255-263.	12.0	101
8	Correlation between degree of crystallinity, morphology and mechanical properties of PPS/carbon fiber laminates. Materials Research, 2016, 19, 195-201.	1.3	92
9	Dielectric microwave absorbing material processed by impregnation of carbon fiber fabric with polyaniline. Materials Research, 2007, 10, 95-99.	1.3	88
10	Niâ€“Zn nanoferrite for radar-absorbing material. Journal of Magnetism and Magnetic Materials, 2008, 320, 1666-1670.	2.3	84
11	Dependence of microwave absorption properties on ferrite volume fraction in MnZn ferrite/rubber radar absorbing materials. Journal of Magnetism and Magnetic Materials, 2011, 323, 2782-2785.	2.3	84
12	Effect of Void Content on the Moisture Absorption in Polymeric Composites. Polymer-Plastics Technology and Engineering, 2006, 45, 691-698.	1.9	81
13	Microwave absorbing paints and sheets based on carbonyl iron and polyaniline: measurement and simulation of their properties. Journal of Aerospace Technology and Management, 2010, 2, 63-70.	0.3	73
14	Comparison of tensile strength of different carbon fabric reinforced epoxy composites. Materials Research, 2006, 9, 83-90.	1.3	70
15	Mechanical and morphological characterizations of carbon fiber fabric reinforced epoxy composites used in aeronautical field. Materials Research, 2009, 12, 367-374.	1.3	69
16	Evaluation of carbon fiber surface treated by chemical and cold plasma processes. Materials Research, 2005, 8, 281-286.	1.3	68
17	Raman validity for crystallite size La determination on reticulated vitreous carbon with different graphitization index. Applied Surface Science, 2007, 254, 600-603.	6.1	66
18	Strength of Hygrothermally Conditioned Polymer Composites with Voids. Journal of Composite Materials, 2005, 39, 1943-1961.	2.4	63

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19	Hygrothermal effects on the shear properties of carbon fiber/epoxy composites. Journal of Materials Science, 2006, 41, 7111-7118.	3.7	62
20	Elastic properties of hygrothermally conditioned glare laminate. International Journal of Engineering Science, 2007, 45, 163-172.	5.0	62
21	Hygrothermal effects on dynamic mechanical snalysis and fracture behavior of polymeric composites. Materials Research, 2005, 8, 335-340.	1.3	55
22	Compressive failure of fiber reinforced polymer composites â€“ A fractographic study of the compression failure modes. Materials Today Communications, 2018, 15, 218-227.	1.9	55
23	Hygrothermal effects on damping behavior of metal/glass fiber/epoxy hybrid composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2005, 399, 190-198.	5.6	54
24	Production and Characterization of Activated Carbon Fiber from Textile PAN Fiber. Journal of Aerospace Technology and Management, 2017, 9, 423-430.	0.3	54
25	Optimization of Triton X-100 removal and ultrasound probe parameters in the preparation of multiwalled carbon nanotube buckypaper. Materials and Design, 2019, 166, 107612.	7.0	51
26	Processing and hygrothermal effects on viscoelastic behavior of glass fiber/epoxy composites. Journal of Materials Science, 2005, 40, 3615-3623.	3.7	50
27	Multilayer radar absorbing material processing by using polymeric nonwoven and conducting polymer. Materials Research, 2008, 11, 245-249.	1.3	50
28	Evaluation of mechanical properties of four different carbon/epoxy composites used in aeronautical field. Materials Research, 2005, 8, 91-97.	1.3	48
29	Microwave properties of EPDM/PAni-DBSA blends. Synthetic Metals, 2001, 119, 435-436.	3.9	47
30	Characterization of cure of carbon/epoxy prepreg used in aerospace field. Materials Research, 2005, 8, 317-322.	1.3	47
31	Influence of processing time and composition in the microwave absorption of EPDM/PAni blends. Journal of Applied Polymer Science, 2002, 83, 1568-1575.	2.6	41
32	Influence of calcination temperature on the morphology and magnetic properties of Niâ€“Zn ferrite applied as an electromagnetic energy absorber. Journal of Alloys and Compounds, 2009, 483, 563-565.	5.5	40
33	Modified Nicolson-Ross-Weir (NRW) method to retrieve the constitutive parameters of low-loss materials. , 2011, , .		39
34	Glass fiber/carbon nanotubes/epoxy three-component composites as radar absorbing materials. Polymer Composites, 2016, 37, 2277-2284.	4.6	38
35	Evaluation of adhesion of continuous fiberâ€“epoxy composite/aluminum laminates. Journal of Adhesion Science and Technology, 2004, 18, 1799-1813.	2.6	37
36	Evaluation of hygrothermal effects on the shear properties of Carall composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 452-453, 292-301.	5.6	37

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37	Effect of furfuryl alcohol addition on the cure of furfuryl alcohol resin used in the glassy carbon manufacture. Journal of Applied Polymer Science, 2007, 106, 2274-2281.	2.6	36
38	Complex permeability and permittivity variation of carbonyl iron rubber in the frequency range of 2 to 18 GHz. Journal of Aerospace Technology and Management, 2010, 2, 59-62.	0.3	36
39	Experimental measurements and numerical simulation of permittivity and permeability of Teflon in X band. Journal of Aerospace Technology and Management, 2011, 3, 59-64.	0.3	36
40	Synthesis of Polyamide 6/6 by Interfacial Polycondensation with the Simultaneous Impregnation of Carbon Fibers. Macromolecules, 2001, 34, 3367-3375.	4.8	35
41	Critical Void Content for Polymer Composite Laminates. AIAA Journal, 2005, 43, 1336-1341.	2.6	33
42	Monitoring of cure kinetic prepreg and cure cycle modeling. Journal of Materials Science, 2006, 41, 4349-4356.	3.7	33
43	Nanostructured composites based on carbon nanotubes and epoxy resin for use as radar absorbing materials. Materials Research, 2013, 16, 1299-1308.	1.3	33
44	Fractographic evaluation of welded joints of PPS/glass fiber thermoplastic composites. Engineering Failure Analysis, 2019, 102, 60-68.	4.0	32
45	Porosity control in glassy carbon by rheological study of the furfuryl resin. Carbon, 2001, 39, 45-52.	10.3	31
46	Monitoring of nylon 6,6/carbon fiber composites processing by X-ray diffraction and thermal analysis. Journal of Applied Polymer Science, 2002, 86, 3114-3119.	2.6	31
47	Hygrothermal effects on quasi-isotropic carbon epoxy laminates with machined and molded edges. Composites Part B: Engineering, 2008, 39, 490-496.	12.0	31
48	Influence of reaction time on the structure of polyaniline synthesized on a pre-pilot scale. Brazilian Journal of Chemical Engineering, 2018, 35, 123-130.	1.3	31
49	A fractographic study on the effects of hygrothermal conditioning on carbon fiber/epoxy laminates submitted to axial compression. Engineering Failure Analysis, 2017, 79, 342-350.	4.0	30
50	Effect of the Morphology and Structure on the Microwave Absorbing Properties of Multiwalled Carbon Nanotube Filled Epoxy Resin Nanocomposites. Materials Research, 2018, 21, .	1.3	30
51	Effect of fiber orientation on the compressive response of plain weave carbon fiber/epoxy composites submitted to high strain rates. Composite Structures, 2018, 203, 952-959.	5.8	30
52	Influence of Hygrothermal Conditioning on the Elastic Properties of Carall Laminates. Applied Composite Materials, 2007, 14, 209-222.	2.5	29
53	Dielectric properties of microwave absorbing sheets produced with silicone and polyaniline. Materials Research, 2010, 13, 197-201.	1.3	29
54	Fractographic study of welded joints of carbon fiber/PPS composites tested in lap shear. Engineering Failure Analysis, 2018, 93, 172-182.	4.0	29

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55	Carbon-based materials as antistatic agents for the production of antistatic packaging: a review. Journal of Materials Science: Materials in Electronics, 2021, 32, 3929-3947.	2.2	29
56	Effect of crystallinity on CF/PPS performance under weather exposure: Moisture, salt fog and UV radiation. Polymer Degradation and Stability, 2018, 153, 255-261.	5.8	28
57	Influence of aromatic amine hardeners in the cure kinetics of an epoxy resin used in advanced composites. Materials Research, 2005, 8, 65-70.	1.3	27
58	Hygrotermal effects evaluation using the iosipescu shear test for glare laminates. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2008, 30, .	1.6	27
59	Microwave absorption properties of a conductive thermoplastic blend based on polyaniline. Polymer Bulletin, 2004, 51, 321-326.	3.3	26
60	A new use for glassy carbon: Development of LDPE/glassy carbon composites for antistatic packaging applications. Journal of Applied Polymer Science, 2019, 136, 47204.	2.6	26
61	Hygrothermal effects on the tensile strength of carbon/epoxy laminates with molded edges. Materials Research, 2000, 3, 11-17.	1.3	25
62	Complex permeability and permittivity variation of radar absorbing materials based on MnZn ferrite in microwave frequencies. Materials Research, 2013, 16, 997-1001.	1.3	25
63	O uso de compÃ³sitos estruturais na indÃºstria aeroespacial. Polimeros, 2000, 10, e4-e10.	0.7	25
64	Sustainable process to produce activated carbon from Kraft lignin impregnated with H3PO4 using microwave pyrolysis. Biomass and Bioenergy, 2022, 156, 106333.	5.7	25
65	Synthesis of NiCuZn ferrite nanoparticles and microwave absorption characterization. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 151, 238-242.	3.5	24
66	Viscosity, pH, and moisture effect in the porosity of poly(furfuryl alcohol). Journal of Applied Polymer Science, 2013, 128, 1680-1686.	2.6	24
67	Environmental effects on viscoelastic behavior of carbon fiber/PEKK thermoplastic composites. Journal of Reinforced Plastics and Composites, 2014, 33, 749-757.	3.1	24
68	Fractographic study of damage mechanisms in fiber reinforced polymer composites submitted to uniaxial compression. Engineering Failure Analysis, 2018, 92, 520-527.	4.0	24
69	PolÃmeros condutores intrÃnsecos e seu potencial em blindagem de radiaÃ§Ãµes eletromagnÃ©ticas. Polimeros, 2000, 10, 130-137.	0.7	22
70	Reactive doping of PAniâ€“CSA and its use in microwave absorbing materials. Polymers for Advanced Technologies, 2009, 20, 28-34.	3.2	21
71	Methodology for DSC calibration i nhigh heating rates. Journal of Aerospace Technology and Management, 2011, 3, 179-192.	0.3	21
72	Simulations of the radar cross section of a stealth aircraft. , 2007, , .		20

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73	Mechanical, electrical, and electromagnetic properties of hybrid graphene/glass fiber/epoxy composite. Polymers and Polymer Composites, 2019, 27, 262-267.	1.9	20
74	ModificaÃ§Ã£o da rugosidade de fibras de carbono por mÃ©todo quÃmico para aplicaÃ§Ã£o em compÃ³sitos polimÃ©ricos. Polimeros, 2001, 11, 51-57.	0.7	19
75	Evaluation of a nanostructured microwave absorbent coating applied to a glass fiber/polyphenylene sulfide laminated composite. Materials Research, 2014, 17, 197-202.	1.3	19
76	Highly porous multiwalled carbon nanotube buckypaper using electrospun polyacrylonitrile nanofiber as a sacrificial material. Heliyon, 2019, 5, e01386.	3.2	19
77	Dynamics of defects and surface structure formation in reticulated vitreous carbon. Brazilian Journal of Physics, 2006, 36, 264-266.	1.4	18
78	Study of crystallization behavior of poly(phenylene sulfide). Polimeros, 2006, 16, 104-110.	0.7	18
79	Processing of high performance composites based on peek by aqueous suspension prepregging. Materials Research, 2010, 13, 245-252.	1.3	18
80	Thermal, mechanical and electromagnetic properties of LLDPE/PANI composites. Polymer Bulletin, 2017, 74, 2701-2717.	3.3	18
81	Recycling of carbon fiber-reinforced thermoplastic and thermoset composites: A review. Journal of Thermoplastic Composite Materials, 2023, 36, 3455-3480.	4.2	18
82	Rheological analysis of the phenolic and furfuryl resins used in the carbon materials processing. Materials Research, 2000, 3, 19-23.	1.3	17
83	AvaliaÃ§Ã£o tÃ©rmica e reolÃ³gica do ciclo de cura do prÃ©-impregnado de carbono/epÃ³xi. Polimeros, 2003, 13, 188-197.	0.7	17
84	Microwave Absorbing Coatings Based on a Blend of Nitrile Rubber, EPDM Rubber and Polyaniline. Polymer Bulletin, 2005, 55, 299-307.	3.3	17
85	Effect of the interfacial adhesion on the tensile and impact properties of carbon fiber reinforced polypropylene matrices. Materials Research, 2005, 8, 81-89.	1.3	17
86	Evaluation of crystallization kinetics of polymer of poly (ether-ketone-ketone) and poly (ether-ether-ketone) by DSC. Journal of Aerospace Technology and Management, 2010, 2, 155-162.	0.3	17
87	Structural and surface functionality changes in reticulated vitreous carbon produced from poly(furfuryl alcohol) with sodium hydroxide additions. Applied Surface Science, 2017, 394, 87-97.	6.1	17
88	Structural, morphological, and thermal characterization of kraft lignin and its charcoals obtained at different heating rates. Materials Research Express, 2018, 5, 045502.	1.6	17
89	Multifunctional Characteristics of Glass Fiberâ€Reinforced Epoxy Polymer Composites with Multiwalled Carbon Nanotube Buckypaper Interlayer. Polymer Engineering and Science, 2020, 60, 740-751.	3.1	17
90	Radar absorbing materials based on titanium thin film obtained by sputtering technique. Journal of Aerospace Technology and Management, 2011, 3, 279-286.	0.3	17

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91	Study of polyamide 6/6 synthesis carried out by interfacial polymerization on carbon fibre. Polymer International, 2002, 51, 1261-1267.	3.1	16
92	Effect of surface treatment on fatigue behavior of metal/carbon fiber laminates. Journal of Materials Science, 2008, 43, 3173-3179.	3.7	16
93	Accelerated aging effects on carbon fiber PEKK composites manufactured by hot compression molding. Journal of Thermoplastic Composite Materials, 2016, 29, 1429-1442.	4.2	16
94	A new ecoâ€friendly green composite for antistatic packaging: Green lowâ€density polyethylene/glassy carbon. Polymer Composites, 2020, 41, 2744-2752.	4.6	16
95	AvaliaÃ§Ãµes tÃ©rmica e reolÃ³gica da matriz termoplÃ¡stica PEKK utilizada em compÃ³sitos aeronÃ¡uticos. Polimeros, 2008, 18, 237-243.	0.7	15
96	Reflectivity of hybrid microwave absorbers based on NiZn ferrite and carbon black. Journal of Aerospace Technology and Management, 2012, 4, 267-274.	0.3	15
97	MÃ©todos de estudo da cinÃ©tica de cura de resinas epÃ³xi. Polimeros, 1999, 9, 37-44.	0.7	14
98	Influence of doped polyaniline on the interaction of Pu/PAni blends and on its microwave absorption properties. Polymers for Advanced Technologies, 2008, 19, 151-158.	3.2	14
99	A statistical approach to evaluate the oxidative process of electrospun polyacrylonitrile ultrathin fibers. Journal of Applied Polymer Science, 2017, 134, 45458.	2.6	14
100	Effect of Graphite Nanosheets on Properties of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate). International Journal of Polymer Science, 2017, 2017, 1-9.	2.7	14
101	The influence of morphology, structure, and weight fraction of magnetic additives on the electromagnetic characteristics of composites. Journal of Magnetism and Magnetic Materials, 2019, 484, 126-138.	2.3	14
102	Fractografia de compÃ³sito estrutural aeronÃ¡utico submetido Ã caracterizaÃ§Ã£o de tenacidade Ã fratura interlaminar em modo I. Polimeros, 2012, 22, 41-53.	0.7	14
103	Monitoring of Carbon Fiber/Polyamide Composites Processing by Rheological and Thermal Analyses. Polymer-Plastics Technology and Engineering, 2006, 45, 61-69.	1.9	13
104	Hygrothermal Aging Effect on Fatigue Behavior of GLARE. Journal of Reinforced Plastics and Composites, 2009, 28, 2487-2499.	3.1	13
105	Estabilidade de emulsÃµes: um estudo de caso envolvendo emulsionantes aniÃ´nico, catiÃ´nico e nÃ£o-iÃ´nico. Polimeros, 2015, 25, 1-9.	0.7	13
106	Electromagnetic Properties of Multifunctional Composites Based on Glass Fiber Prepreg and Ni/Carbon Fiber Veil. Journal of Aerospace Technology and Management, 2017, 9, 231-240.	0.3	13
107	Electrochemical reversibility of reticulated vitreous carbon electrodes heat treated at different carbonization temperatures. Materials Research, 2006, 9, 147-152.	1.3	12
108	Reactive processing and evaluation of butadieneâ€“styrene copolymer/polyaniline conductive blends. Journal of Applied Polymer Science, 2006, 101, 681-685.	2.6	12

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109	Structural Carbon/Epoxy Prepregs Properties Comparison by Thermal and Rheological Analyses. Polymer-Plastics Technology and Engineering, 2006, 45, 1143-1153.	1.9	12
110	Damping behavior of hygrothermally conditioned carbon fiber/epoxy laminates. Journal of Applied Polymer Science, 2007, 106, 3143-3148.	2.6	12
111	Efeito do tratamento tÃ©rmico na microestrutura, turbostraticidade e superfÃcie de carbono vÃtreo reticulado analisado por XPS, espalhamento Raman e voltametria cÃclica. Quimica Nova, 2009, 32, 158-164.	0.3	12
112	Fractography analysis and fatigue strength of carbon fiber/RTM6 laminates. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 3609-3614.	5.6	12
113	Electrical conductivity and electromagnetic shielding performance of glass fiber-reinforced epoxy composites with multiwalled carbon nanotube buckypaper interlayer. Journal of Materials Science: Materials in Electronics, 2021, 32, 1962-1976.	2.2	12
114	Comportamento eletromagnÃ©tico de materiais absorvedores de micro-ondas baseados em hexaferrita de Ca modificada com Ãons CoTi e dopada com La. Journal of Aerospace Technology and Management, 2009, 1, 255-263.	0.3	11
115	Indoor radar cross section measurements of single targets. Journal of Aerospace Technology and Management, 2012, 4, 25-32.	0.3	11
116	Viscoelastic evaluation of epoxy nanocomposite based on carbon nanofiber obtained from electrospinning processing. Polymer Bulletin, 2019, 76, 6063-6076.	3.3	11
117	Reuse of Uncured Carbon Fiber/Epoxy Resin Prepreg Scraps: Mechanical Behavior and Environmental Response. ACS Sustainable Chemistry and Engineering, 2019, 7, 2200-2206.	6.7	11
118	Lightweight multi-walled carbon nanotube buckypaper/glass fiberâ€“epoxy composites for strong electromagnetic interference shielding and efficient microwave absorption. Journal of Materials Science: Materials in Electronics, 2021, 32, 14494-14508.	2.2	11
119	Fractographic analysis of scarf repaired carbon/epoxy laminates submitted to tensile strength. Engineering Failure Analysis, 2021, 124, 105374.	4.0	11
120	Evaluation of fatigue behavior on repaired carbon fiber/epoxy composites. Journal of Materials Science, 2008, 43, 3166-3172.	3.7	10
121	Evaluation by Free Vibration Method of Moisture Absorption Effects in Polyamide/Carbon Fiber Laminates. Journal of Thermoplastic Composite Materials, 2010, 23, 207-225.	4.2	10
122	Correlation of microcrack fracture size with fatigue cycling on non-crimp fabric/RTM6 composite in the uniaxial fatigue test. Composites Part B: Engineering, 2012, 43, 2244-2248.	12.0	10
123	Synthesis and characterization of polyarylacetylene for use in the monolithic vitreous carbon processing. Polimeros, 2014, 24, 541-546.	0.7	10
124	Compression Failure Modes of Carbon Fiber Fabric Scraps/Epoxy Laminates. Advanced Materials Research, 0, 1135, 52-61.	0.3	10
125	The Influence of Artificial Photodegradation on Properties of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate)(PHBV)/Graphite Nanosheets (GNS) Nanocomposites. Journal of Polymers and the Environment, 2018, 26, 1511-1519.	5.0	10
126	Fractografia de CompÃ³sito Estrutural AeronÃ¡utico Submetido ao Ensaio de Tenacidade Ã Fratura Interlaminar em Modo II. Polimeros, 2014, 24, 65-71.	0.7	10

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127	Carbono polimÃ©rico: processamento e aplicaÃ§Ã£o. Polimeros, 1998, 8, 22-30.	0.7	9
128	Biodegradation of PHBV/GNS nanocomposites by Penicillium funiculosum. Journal of Applied Polymer Science, 2017, 134, .	2.6	9
129	Preparation, thermal and mechanical properties of poly (etherâ€imide) composite reinforced with carbon nanotube buckypaper. Journal of Applied Polymer Science, 2020, 137, 48330.	2.6	9
130	The Influence of Crystallinity on the Weather Resistance of CF/PEEK Composites. Applied Composite Materials, 2021, 28, 235-246.	2.5	9
131	Estudo da influÃªncia do diluente reativo PGE na cinÃ©tica de cura de resina epÃ³xi utilizada em compÃ³sitos estruturais. Quimica Nova, 2000, 23, 320-325.	0.3	8
132	Radar absorbing material (RAM) and shaping on radar cross section reduction of dihedral corners. , 0, , .		8
133	InfluÃªncia de diferentes condiÃ§Ãµes higrotÃ©rmicas na resistÃªncia Ã traÃ§Ã£o de compÃ³sitos de fibra de carbono/epÃ³xi modificada. Polimeros, 2006, 16, 193-201.	0.7	8
134	AvaliaÃ§Ã£o da temperatura de transiÃ§Ã£o vÃtrea de compÃ³sitos polimÃ©ricos reparados de uso aeronÃ¡utico. Polimeros, 2006, 16, 79-87.	0.7	8
135	Evaluation of Thermal Stability and Glass Transition Temperature of Different Aeronautical Polymeric Composites. Polymer-Plastics Technology and Engineering, 2006, 45, 157-164.	1.9	8
136	Estudo da aplicaÃ§Ã£o da poli(o-metoxianilina) e de seus compÃ³sitos com negro de fumo no processamento de absorvedores de micro-ondas. Polimeros, 2012, 22, 325-331.	0.7	8
137	Morphological, Electromagnetic, and Absorbing Properties of POMA and PAni/Carbon Black Composites. Journal of Electronic Materials, 2017, 46, 4939-4947.	2.2	8
138	Carbon nanofibers obtained from electrospinning process. Materials Research Express, 2018, 5, 025602.	1.6	8
139	Sâ€parameters, electrical permittivity, and absorbing energy measurements of carbon nanotubesâ€based composites in Xâ€band. Journal of Applied Polymer Science, 2021, 138, 49843.	2.6	8
140	SÃntese do polipirrol com surfactantes aniÃ´nicos visando aplicaÃ§Ãµes como absorvedores de micro-ondas. Polimeros, 2014, 24, 351-359.	0.7	8
141	SÃntese de um poli (Ã¡cido Ã¢mico) para aplicaÃ§Ã£o como interfase em compÃ³sitos termoplÃ¡sticos de alto desempenho. Polimeros, 2004, 14, 122-128.	0.7	7
142	Electromagnetic, morphological and structural characterization of microwave absorbers based on POMA/magnetic filament composites. Journal of Magnetism and Magnetic Materials, 2018, 449, 406-414.	2.3	7
143	Study of the influence of Carbonyl iron particulate size as an electromagnetic radiation absorbing material in 12.4 to 18 GHz (Ku) Band. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2018, 17, 619-627.	0.7	7
144	Effect of different superficial treatments on structural, morphological and superficial area of Kraft lignin based charcoal. Vibrational Spectroscopy, 2018, 99, 130-136.	2.2	7

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145	Fractografia de CompÃ³sitos Estruturais. Polimeros, 2007, 17, E4-E11.	0.7	7
146	CaracterizaÃ§Ã£o MecÂ¢nica de CompÃ³sitos de Poliamida/Fibra de Carbono Via Ensaios de Cisalhamento Interlaminar e de MecÂ¢nica da Fratura. Polimeros, 2002, 12, 153-163.	0.7	6
147	InfluÃªncia do condicionamento ambiental na resistÃªncia Ã traÃ§Ã£o de compÃ³sitos de carbono/epÃ³xi reparados. Polimeros, 2003, 13, 147-153.	0.7	6
148	Electromagnetic signature on scale model of an aircraft. , 0, , .		6
149	Hybrid multilayer structures for use as microwave absorbing material. , 2007, , .		6
150	Influence of heat treatment temperature on the morphological and structural aspects of reticulated vitreous carbon used in polyaniline electrosynthesis. Applied Surface Science, 2007, 253, 8340-8344.	6.1	6
151	Electromagnetic radiation absorbing paints based on carbonyl iron and polyaniline. , 2009, , .		6
152	Estudo do comportamento tÃ©rmico de laminados carbono/epÃ³xi submetidos a mÃºltiplos ciclos tÃ©rmicos. Polimeros, 2016, 26, 8-15.	0.7	6
153	Morphological and mechanical analyses of laminates manufactured from randomly positioned carbon fibre/epoxy resin prepreg scraps. Materials Research Express, 2017, 4, 105601.	1.6	6
154	Morphological, mechanical, and electromagnetic interference shielding effectiveness characteristics of glass fiber/epoxy resin/<scp>MWCNT</scp> buckypaper composites. Journal of Applied Polymer Science, 2021, 138, 50589.	2.6	6
155	Estabelecimento de parÂ¢metros reolÃ³gicos na obtenÃ§Ã£o de compÃ³sitos carbono/fenÃ³lica. Polimeros, 1999, 9, 59-65.	0.7	6
156	Radar Cross Section Measurements and Simulations of a Model Airplane in the X-band. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2009, 5, 377-380.	0.4	6
157	Processo de obtenÃ§Ã£o de prÃ©-impregnados polimÃ©ricos termoplÃ¡sticos via moldagem por compressÃ£o a quente. Polimeros, 1999, 9, 18-27.	0.7	5
158	Estudo ReolÃ³gico de Tintas de Poliuretano Contendo PAni-DBSA Aplicadas como Materiais Absorvedores de Microondas (8-12 GHz). Polimeros, 2002, 12, 318-327.	0.7	5
159	Carbon fiber non-crimp multi-axial reinforcement and epoxy mono-component system composite: Fatigue behavior. Procedia Engineering, 2010, 2, 341-348.	1.2	5
160	Reduction of the radar cross section of a wind turbine using a microwave absorbing material. , 2011, , .		5
161	Benzoxazine Resin/Carbon Nanotube Nanostructured Composite's Degradation Kinetic. Journal of Nanoscience and Nanotechnology, 2014, 14, 5145-5150.	0.9	5
162	Electromagnetic, Morphological, and Electrical Characterization of POMA/Carbon Nanotubes-Based Composites. Journal of Nanomaterials, 2017, 2017, 1-9.	2.7	5

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163	Influence of modified carbon substrate on boron doped ultrananocrystalline diamond deposition. Materials Research Express, 2018, 5, 026405.	1.6	5
164	Influence of photodegradation with UV radiation in biotreatment with Paecilomyces variotti on PHBV /GNS nanocomposites. IET Nanobiotechnology, 2018, 12, 285-291.	3.8	5
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