

Fernando Gomes de Souza

List of Publications by Year in descending order

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173
papers

2,906
citations

145106

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h-index

299063

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188
docs citations

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times ranked

2302
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical review on multifunctional smart materials –nanographene–™ emerging avenue: nano-imaging and biosensor applications. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2022, 47, 691-707.	6.8	73
2	Nanoparticles improving polyaniline electrical conductivity: A meta-analysis study. <i>Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics</i> , 2022, 2, 26-59.	0.0	0
3	The bio components in the vitrimers reprocessability: A meta- analysis study. <i>Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics</i> , 2022, 2, 101-117.	0.0	1
4	Effect of cassava starch biofilm with diffusion of silver nanoparticles on the conservation of banana 'prata'. <i>Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics</i> , 2022, 2, 118-125.	0.0	0
5	Chitosan-based films for wound healing applications: A meta- analysis to access the impact on wound closure rate. <i>Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics</i> , 2022, 2, 84-100.	0.0	0
6	Feature interview: Dr Edson Rui Montoro. <i>Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics</i> , 2022, 2, 1-2.	0.0	0
7	Polyvinyl alcohol (PVA) mixed green –clay and aloe vera based polymeric membrane optimization: Peel-off mask formulation for skin care cosmeceuticals in green nanotechnology. <i>Journal of Molecular Structure</i> , 2021, 1229, 129592.	1.8	41
8	Graphene-assembly liquid crystalline and nanopolymer hybridization: A review on switchable device implementations. <i>Chemosphere</i> , 2021, 263, 128104.	4.2	51
9	Essential Polymers Helping Patients with Obesity. <i>Current Applied Polymer Science</i> , 2021, 04, .	0.2	0
10	Photoassisted degradation of rhodamine B using poly(ϵ -caprolactone) based nanocomposites: Mechanistic and kinetic features. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50612.	1.3	7
11	Thermo-oxidative degradation of vulcanized SBR: A comparison between ultraviolet (UV) and microwave as recovery techniques. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	13
12	Meet Our Editor-in-Chief. <i>Current Applied Polymer Science</i> , 2021, 4, 2-2.	0.2	0
13	Polymeric microparticle systems for modified release of glucagon-like-peptide-1 receptor agonists. <i>Journal of Microencapsulation</i> , 2021, 38, 249-261.	1.2	1
14	Production and toxicological evaluation of poly(butylene succinate) –urea microspheres targeting bioremediation. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 1842-1853.	1.6	2
15	Study of controlled release of ibuprofen magnetic nanocomposites. <i>Journal of Molecular Structure</i> , 2021, 1232, 130067.	1.8	6
16	Recent trends on bioplastics synthesis and characterizations: Polylactic acid (PLA) incorporated with tapioca starch for packaging applications. <i>Journal of Molecular Structure</i> , 2021, 1232, 129954.	1.8	53
17	Polyaniline and magnetite on curaua fibers for molecular interface improvement with a cement matrix. <i>Journal of Molecular Structure</i> , 2021, 1233, 130101.	1.8	7
18	Influence of UV-modified GTR on the properties of interlocking concrete paving units. <i>Journal of Molecular Structure</i> , 2021, 1234, 130110.	1.8	3

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19	Nanodispersions of magnetic poly(vinyl pivalate) for biomedical applications: Synthesis and in vitro evaluation of its cytotoxicity in cancer cells. <i>Materials Today Communications</i> , 2021, 27, 102333.	0.9	1
20	Molecular grafting of nanoparticles onto sisal fibers - adhesion to cementitious matrices and novel functionalities. <i>Journal of Molecular Structure</i> , 2021, 1234, 130171.	1.8	5
21	Sunlight sterilized, recyclable and super hydrophobic anti-COVID laser-induced graphene mask formulation for indelible usability. <i>Journal of Molecular Structure</i> , 2021, 1233, 130100.	1.8	32
22	Monte Carlo Assisted FTIR Spectroscopy: A Python Tool for the Determination of the Constituents in Blended Biopolymer Samples. <i>Macromolecular Symposia</i> , 2021, 398, 2000174.	0.4	1
23	Surface Modification of Magnetite with PBS Using a Ricinoleic-Toluene Diisocyanate Fragment as the Binder Structure. <i>Macromolecular Symposia</i> , 2021, 398, 2000193.	0.4	3
24	Poly(Butylene Succinate) Molar Mass Calculation by GPC and $^1\text{H-NMR}$. <i>Macromolecular Symposia</i> , 2021, 398, 2000216.	0.4	4
25	Geopolymer Microparticles as Upcoming H_2S Sorbers. <i>Macromolecular Symposia</i> , 2021, 398, 2000175.	0.4	5
26	Novel Core-Shell System Based on Gelatin and Hydrophilic Polymers Useful as Concrete Self-Healing Systems. <i>Macromolecular Symposia</i> , 2021, 398, 2000180.	0.4	0
27	Acid Encapsulated Wax Particles Potentially Useful to Speed up Drilling in Carbonate Formations. <i>Macromolecular Symposia</i> , 2021, 398, 2000206.	0.4	0
28	Magnetic Porous Geopolymer: A Cheaper and Efficient Environmental Tool for Heavy Metal Sorption. <i>Macromolecular Symposia</i> , 2021, 398, 2000182.	0.4	5
29	Core-Shell System Based on Gelatin and Poly(Vinyl Alcohol) (PVA) for Concrete Self-Healing Applications: Synthesis, Characterization, and Optimization. <i>Macromolecular Symposia</i> , 2021, 398, 2000194.	0.4	2
30	Oil Spill Sorber Based on Extrinsically Magnetizable Porous Geopolymer. <i>Materials</i> , 2021, 14, 5641.	1.3	11
31	Graphene functionalized hybrid nanomaterials for industrial-scale applications: A systematic review. <i>Journal of Molecular Structure</i> , 2021, 1239, 130518.	1.8	37
32	Head and Neck Cancer Treatments from Chemotherapy to Magnetic Systems: Perspectives and Challenges. <i>Current Radiopharmaceuticals</i> , 2021, 14, .	0.3	1
33	Experimental Evaluation of the Miniemulsion Polymerization of Vinyl Pivalate: The role of the Main Process Variables. <i>Macromolecular Reaction Engineering</i> , 2021, 15, 2000049.	0.9	4
34	Composto trifásico baseado em resíduo de goma de mascar-sbr e partículas de quartzo. <i>Revista Materia</i> , 2021, 26, .	0.1	0
35	Feature interview: Professor José Carlos Pinto. <i>Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics</i> , 2021, 1, 1-2.	0.0	0
36	Reaction of Activated Geopolymers in Acid Medium and Application of Polyaniline as a Conductor of Electricity. <i>Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics</i> , 2021, 1, 47-53.	0.0	1

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37	Assessment of cassava starch biofilm in the quality and shelf life of banana 'prata'. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 186-193.	0.0	1
38	Drug delivery polymers: An Analysis Based on Literature Text Mining. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 40-55.	0.0	0
39	Synthesis and Characterization of Modified Magnetic Nanoparticles for Removal of Dispersed Oil in Water. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 148-156.	0.0	2
40	Biodiesel Production Using Residual Vegetable Oil and Activated by Geopolymer Matrixes with Magnetic Particles. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 38-46.	0.0	0
41	Evaluation of H ₂ S Sorption Capacity by Geopolymers Produced in Heterogeneous Medium. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 20-25.	0.0	0
42	Evaluation of the Electrical Conductivity of Geopolymers Loaded with Carbon Black. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 61-69.	0.0	1
43	A Bio-Phase Change Material from Poly(butylene succinate) to be used in Concrete. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 77-87.	0.0	0
44	Preliminary Study on the Application of the Python Language as a Tool for the Randomization of Laboratory Experiments: a Short Course at ConBraPA 2020. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 88-99.	0.0	0
45	Polyaniline: Trends and perspectives from text mining analysis. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 9-39.	0.0	0
46	Use of Static Method to remove Heavy Metal of the Contaminated Water, using Porous Geopolymer and Magnetically Loaded. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 54-60.	0.0	0
47	Meet our Editor-in-Chief. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 2.	0.0	0
48	Production of Portland Cement Loaded with Polyaniline and Evaluation of Sulphidric Gas Sorption Capacity. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 88-94.	0.0	0
49	Up-and-coming oil-sorbing green fibers: A text mining study. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 114-129.	0.0	0
50	Surface modeling as a tool for constructing pseudo ternary diagrams. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 151-171.	0.0	1
51	Nanotechnology in Concrete: a Bibliometric Review. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 100-113.	0.0	1
52	Production of Handmade Paper from the Sugar Cane Bagasse Pulping. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 79-87.	0.0	0
53	Bioremediation: Perspectives of the use biopolymers systems for slow release nutrients. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 131-150.	0.0	0
54	Poly(lactic acid)-PLA: An Analysis Based on Literature Text Mining. Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics, 2021, 1, 56-68.	0.0	0

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55	Biopolymers as Multiplatform Materials to Improve Quality of Life and Well-Being. <i>Journal of Siberian Federal University - Biology</i> , 2021, 14, 398-421.	0.2	0
56	The influence of carboxylated styrene butadiene rubber coating on the mechanical performance of vegetable fibers and on their interface with a cement matrix. <i>Construction and Building Materials</i> , 2020, 262, 120770.	3.2	17
57	Sustainable preparation of gold nanoparticles via green chemistry approach for biogenic applications. <i>Materials Today Chemistry</i> , 2020, 17, 100327.	1.7	63
58	Electrochemical detection of sotalol on a magnetographite-epoxy electrode using magnetite nanoparticles. <i>Pramana - Journal of Physics</i> , 2020, 94, 1.	0.9	5
59	Gold nanoparticles against respiratory diseases: oncogenic and viral pathogens review. <i>Therapeutic Delivery</i> , 2020, 11, 521-534.	1.2	26
60	An optical-magnetic Material as a toxic gas filter and sensing device. <i>RSC Advances</i> , 2020, 10, 23233-23244.	1.7	10
61	Poly (butylene succinate) and derivative copolymer filled with <i>Dendranthema grandiflora</i> biolarvicide extract. <i>Environmental Science and Pollution Research</i> , 2020, 27, 23575-23585.	2.7	11
62	Production of magnetic nanoparticles modified with silica for application in oil and gas industry. <i>Technical Papers ... Rio Oil & Gas</i> , 2020, 20, 102-103.	0.0	0
63	Effect of inductive heating on the properties of a cement slurry blended with magnetic iron oxide nanoparticles. <i>Technical Papers ... Rio Oil & Gas</i> , 2020, 20, 101-102.	0.0	0
64	Smart fabric such as optical sensor of toxic gases. <i>Technical Papers ... Rio Oil & Gas</i> , 2020, 20, 489-490.	0.0	0
65	Advances and perspectives in the use of polymers in the environmental area: a specific case of PBS in bioremediation. <i>Polimeros</i> , 2020, 30, .	0.2	3
66	Removal of chromium VI and others metals from wastewater treatment by modification of macrophytes and magnetite: A review. <i>Revista Brasileira De Gesto Ambiental E Sustentabilidade</i> , 2020, 7, 1439-1453.	0.0	1
67	Extrinsically magnetic poly(butylene succinate): An up-and-coming petroleum cleanup tool. <i>Science of the Total Environment</i> , 2019, 647, 88-98.	3.9	20
68	Sustained release and pharmacologic evaluation of human glucagon-like peptide-1 and liraglutide from polymeric microparticles. <i>Journal of Microencapsulation</i> , 2019, 36, 747-758.	1.2	14
69	Pressure Sensibility of Conductive Rubber Based on NBR- and Polypyrrole-Designed Materials. <i>Frontiers in Materials</i> , 2019, 6, .	1.2	8
70	Layer-by-layer preparation and characterization of recyclable nanocomposite (CoxNi1-xFe2O4;). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 I</i>	1.1	53
71	Biodegradation of Vulcanized SBR: A Comparison between <i>Bacillus subtilis</i> , <i>Pseudomonas aeruginosa</i> and <i>Streptomyces</i> sp. <i>Scientific Reports</i> , 2019, 9, 19304.	1.6	32
72	The biodegradative effect of <i>Tenebrio molitor</i> Linnaeus larvae on vulcanized SBR and tire crumb. <i>Science of the Total Environment</i> , 2019, 649, 1075-1082.	3.9	46

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73	Soft, Self-Assembly Liquid Crystalline Nanocomposite for Superior Switching. <i>Electronic Materials Letters</i> , 2019, 15, 84-101.	1.0	52
74	Magnetic polystyrene-palygorskite nanocomposite obtained by heterogeneous phase polymerization to apply in the treatment of oily waters. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46162.	1.3	23
75	Superparamagnetic nanoparticles stabilized with free-radical polymerizable oleic acid-based coating. <i>Journal of Alloys and Compounds</i> , 2018, 739, 1025-1036.	2.8	24
76	Modeling and parameter estimation of step-growth polymerization of poly(ethylene 2,5-furandicarboxylate). <i>Polymer Engineering and Science</i> , 2018, 58, 729-741.	1.5	14
77	Hyperthermic Agent Prepared by One-Pot Modification of Maghemite Using an Aliphatic Polyester Model. <i>Polymer Science - Series B</i> , 2018, 60, 806-815.	0.3	8
78	Hyperthermia System Based on Extrinsicly Magnetic Poly (Butylene Succinate). <i>Macromolecular Symposia</i> , 2018, 381, 1800108.	0.4	9
79	Poly (Butylene Succinate)-Poly(Hydroxypropyl Methacrylate) as a New Meloxicam Delivery System. <i>Macromolecular Symposia</i> , 2018, 380, 1800109.	0.4	11
80	Influence of Alkaline Hornification Treatment Cycles on the Mechanical Behavior in Curaua Fibers. <i>Macromolecular Symposia</i> , 2018, 381, 1800096.	0.4	10
81	Comparative Analyses of Poly(ethylene 2,5-furandicarboxylate) and Poly(ethylene Terephthalate). <i>Macromolecular Symposia</i> , 2018, 380, 1800096.	0.4	14
82	H ₂ S Sensing Material Based on Cotton Fabrics Modified with Polyaniline. <i>Macromolecular Symposia</i> , 2018, 381, 1800111.	0.4	10
83	Oil Spill Cleanup Tool Based on Castor Oil and Coffee Grounds Magnetic Resins. <i>Macromolecular Symposia</i> , 2018, 380, 1800095.	0.4	8
84	Influence of Styrene-Butadiene Copolymer on the Hydration Kinetics of SBR-Modified Well Cement Slurries. <i>Macromolecular Symposia</i> , 2018, 380, 1800131.	0.4	11
85	Controlled-release fertilizer based on poly(butylene succinate)/urea/clay and its effect on lettuce growth. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46858.	1.3	31
86	Petroleum Sorbers Based on Renewable Alkyd Resin and Lignin. <i>Macromolecular Symposia</i> , 2018, 380, 1800116.	0.4	6
87	Oil Biodegradation Systems Based on ⁶⁰ Co Irradiated Poly (Butylene Succinate). <i>Macromolecular Symposia</i> , 2018, 380, 1800123.	0.4	13
88	Glycerin-Based Polyurethane Obtained by Inverse Emulsion: Comparison Between Magnetic Induction and Conventional Heating. <i>Macromolecular Symposia</i> , 2018, 380, 1800091.	0.4	8
89	Synthesis and Characterization of PEG-PBS Copolymers to Obtain Microspheres With Different Naproxen Release Profiles. <i>Macromolecular Symposia</i> , 2018, 380, 1800065.	0.4	15
90	Experimental Design Optimization of Castor Oil, Phthalic Anhydride, and Glycerin Magnetic Nanocomposites Useful as Oil Spill Cleanup Tool. <i>Macromolecular Symposia</i> , 2018, 380, 1800085.	0.4	8

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91	Paclitaxel-Loaded PLA/PEG/Magnetite Anticancer and Hyperthermic Agent Prepared From Materials Obtained by the Ugi's Multicomponent Reaction. <i>Macromolecular Symposia</i> , 2018, 380, 1800094.	0.4	13
92	Synthesis of magnetic composite of poly (butylene succinate) and magnetite for the controlled release of meloxicam. <i>MOJ Polymer Science</i> , 2018, 2, .	0.3	3
93	Synthesis and Characterization of Poly (Butylene Succinate)-G-Poly (Vinyl Acetate) as Ibuprofen Drug Delivery System. <i>Current Applied Polymer Science</i> , 2018, 1, .	0.2	3
94	Dielectric Behavior of SBS/Polyaniline Thermally Processable Blends. <i>Chemistry and Chemical Technology</i> , 2018, 12, 441-446.	0.2	5
95	Drug Micro-Carriers Based on Polymers and Their Sterilization. <i>Chemistry and Chemical Technology</i> , 2018, 12, 473-487.	0.2	20
96	Growing Use of Conventional Methods for Preparation of Scaffolds for Bone Tissue Engineering. <i>Current Applied Polymer Science</i> , 2018, 1, .	0.2	0
97	Protein Release Systems for Bone Regeneration. <i>Research & Development in Material Science</i> , 2018, 5, .	0.1	0
98	Ozone Generation by Applying Electrode Tip with Aluminum Plate. <i>Research & Development in Material Science</i> , 2018, 7, .	0.1	1
99	Effect of Alkaline Hornification in Sisal Fibers on the Mechanical Behaviour. , 2018, , .		1
100	Synthesis and chemical modification of poly(butylene succinate) with rutin useful to the release of silybin. <i>Industrial Crops and Products</i> , 2017, 97, 599-611.	2.5	27
101	Preparation and characterization of an organo-palygorskite-Fe ₃ O ₄ nanomaterial for removal of anionic dyes from wastewater. <i>Applied Clay Science</i> , 2017, 139, 45-53.	2.6	60
102	Synthesis and characterization of a new biobased poly(urethane-ester) from ricinoleic acid and its use as biopolymeric matrix for magnetic nanocomposites. <i>European Journal of Lipid Science and Technology</i> , 2017, 119, 1600451.	1.0	15
103	Sealing system activated by magnetic induction polymerization. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45549.	1.3	17
104	Melt rheology and morphology of binary and ternary PS/HIPS blends for blown film extrusion applications. <i>Polymer Testing</i> , 2017, 64, 277-286.	2.3	10
105	Praziquantel Release Systems Based on Poly(Butylene Succinate)/Polyethylene Glycol Nanocomposites. <i>Current Applied Polymer Science</i> , 2017, 1, 45-51.	0.2	8
106	End Functionalization by Ring Opening Polymerization: Influence of Reaction Conditions on the Synthesis of End Functionalized Poly(lactic Acid). <i>Journal of the Brazilian Chemical Society</i> , 2017, , .	0.6	4
107	Green polyurethane synthesis by emulsion technique: a magnetic composite for oil spill removal. <i>Polimeros</i> , 2017, 27, 273-279.	0.2	21
108	Poly (Butylene Succinate) Scaffolds Prepared by Leaching. <i>MOJ Polymer Science</i> , 2017, 1, .	0.3	3

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109	Influence of PLGA and PLGA-PEG on the dissolution profile of oxaliplatin. <i>Polimeros</i> , 2016, 26, 137-143.	0.2	40
110	Oil sorbers based on renewable sources and coffee grounds. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	17
111	Smart composite useful to acid release. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	0
112	Percolated network formation in biocidal 3D porous PCL/clay nanocomposite scaffolds: effect of organic modifier on interfacial and water sorption properties. <i>RSC Advances</i> , 2016, 6, 85107-85116.	1.7	17
113	The role of intermolecular interactions in polyaniline/polyamide-6,6 pressure-sensitive blends studied by DFT and ¹ H NMR. <i>European Polymer Journal</i> , 2016, 85, 588-604.	2.6	18
114	Quantification of Oxaliplatin Encapsulated into PLGA Microspheres by TGA. <i>Macromolecular Symposia</i> , 2016, 368, 116-121.	0.4	15
115	<i>Dendranthema grandiflorum</i> , a hybrid ornamental plant, is a source of larvicidal compounds against <i>Aedes aegypti</i> larvae. <i>Revista Brasileira De Farmacognosia</i> , 2016, 26, 342-346.	0.6	10
116	Molecular Dynamic Simulation of Oxaliplatin Diffusion in Poly(lactic acid-co-glycolic acid). Part A: Parameterization and Validation of the Force-Field CVFF. <i>Macromolecular Theory and Simulations</i> , 2016, 25, 45-62.	0.6	34
117	Segmental dynamics, morphology and thermomechanical properties of electrospun poly(μ -caprolactone) nanofibers in the presence of an interacting filler. <i>RSC Advances</i> , 2016, 6, 21376-21386.	1.7	18
118	Target Delivery from Modified Polymers to Cancer Treatment. <i>Current Organic Chemistry</i> , 2016, 21, 4-20.	0.9	1
119	PLA-b-PEG/magnetite hyperthermic agent prepared by Ugi four component condensation. <i>EXPRESS Polymer Letters</i> , 2016, 10, 188-203.	1.1	26
120	An experimental study on the synthesis of poly(vinyl pivalate)-based magnetic nanocomposites through suspension polymerization process. <i>European Polymer Journal</i> , 2015, 68, 441-459.	2.6	20
121	Conducting and magnetic mango fibers. <i>Industrial Crops and Products</i> , 2015, 68, 97-104.	2.5	19
122	Oil spill cleanup: The influence of acetylated curaua fibers on the oil removal capability of magnetic composites. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	39
123	Synthesis and characterization of magnetic palygorskite nanoparticles and their application on methylene blue remotion from water. <i>Applied Surface Science</i> , 2015, 346, 232-239.	3.1	41
124	Synthesis of poly(butylene succinate) using metal catalyts. <i>Polymer Engineering and Science</i> , 2015, 55, 1889-1896.	1.5	34
125	Preparo de nanocompósitos de poli(succinato de butileno) (PDS) e argila motmorilonita organofílica via polimerizaçãõ in situ. <i>Polimeros</i> , 2014, 24, 604-611.	0.2	18
126	Modification of coconut fibers with polyaniline for manufacture of pressure-sensitive devices. <i>Polymer Engineering and Science</i> , 2014, 54, 2887-2895.	1.5	10

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127	Synthesis, Characterization and Drug Delivery Profile of Magnetic PLGA-PEG-PLGA/Maghemite Nanocomposite. <i>Macromolecular Symposia</i> , 2014, 343, 18-25.	0.4	26
128	Production of core-shell polymer particles-containing cardanol by semibatch combined suspension/emulsion polymerization. <i>Polymer Engineering and Science</i> , 2014, 54, 1222-1229.	1.5	24
129	Biopolyester from ricinoleic acid: Synthesis, characterization and its use as biopolymeric matrix for magnetic nanocomposites. <i>Industrial Crops and Products</i> , 2014, 59, 260-267.	2.5	42
130	Effect of Polyaniline and H ₂ O ₂ Surface Modification on the Tensile Behavior and Chemical Properties of Coir Fibers. <i>Journal of Biobased Materials and Bioenergy</i> , 2014, 8, 578-586.	0.1	9
131	Preparo de nanocompósitos maghemita e polianilina assistido por ultrassom. <i>Polimeros</i> , 2014, 24, 243-249.	0.2	17
132	New petroleum absorbers based on cardanol-furfuraldehyde magnetic nanocomposites. <i>Polymer Engineering and Science</i> , 2013, 53, 44-51.	1.5	54
133	Methodology for determination of magnetic force of polymeric nanocomposites. <i>Polymer Testing</i> , 2013, 32, 1466-1471.	2.3	34
134	Influence of magnetic field on the dissolution profile of cotrimoxazole inserted into poly(lactic acid) hydrogels. <i>Journal of Applied Polymer Science</i> , 2013, 109, 2308-2317.	1.5	35
135	Chemical modification of cobalt ferrite nanoparticles with possible application as asphaltene flocculant agent. <i>Materials Research</i> , 2013, 16, 668-671.	0.6	20
136	A influência dos parâmetros de deposição na morfologia dos eletrodos para células a combustível de óxido sólido, à base de filmes de zircônia: 8 mol% titânio depositados por spray pirólise. <i>Cerâmica</i> , 2013, 59, 451-459.	0.3	5
137	Investigation on microstructural behavior of styroflex/polyaniline blends by WAXS. <i>Journal of Applied Polymer Science</i> , 2012, 124, 5097-5105.	1.3	5
138	Petroleum Absorbers Based on CNSL, Furfural and Lignin – The Effect of the Chemical Similarity on the Interactions among Petroleum and Bioresins. <i>Macromolecular Symposia</i> , 2012, 319, 210-221.	0.4	26
139	Synthesis of poly(vinyl acetate)-based magnetic polymer microparticles. <i>European Polymer Journal</i> , 2012, 48, 2050-2069.	2.6	39
140	Síntese e caracterização de copolímeros à base de metacrilato de metila e divinilbenzeno com propriedades magnéticas. <i>Polimeros</i> , 2012, 22, 260-266.	0.2	4
141	New petroleum absorbers based on lignin-formol magnetic nanocomposites. <i>Journal of Applied Polymer Science</i> , 2012, 126, E305.	1.3	40
142	Modificação da fibra de coco com polianilina e o seu uso como sensor de pressão. <i>Polimeros</i> , 2011, 21, 39-46.	0.2	15
143	In situ Production of Polystyrene Magnetic Nanocomposites through a Batch Suspension Polymerization Process. <i>Macromolecular Materials and Engineering</i> , 2011, 296, 1107-1118.	1.7	40
144	Effect of pressure on the structure and electrical conductivity of cardanol-furfural-polyaniline blends. <i>Journal of Applied Polymer Science</i> , 2011, 119, 2666-2673.	1.3	26

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145	Microstructural behaviors of polyaniline/CB Composites by SAXS. <i>Journal of Applied Polymer Science</i> , 2010, 116, 673-679.	1.3	7
146	Magnetic field sensor based on a maghemite/polyaniline hybrid material. <i>Journal of Materials Science</i> , 2010, 45, 5012-5021.	1.7	46
147	A Magnetic Composite for Cleaning of Oil Spills on Water. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 942-948.	1.7	62
148	Estudo das propriedades mecânicas e elétricas de fibras de curauí modificada com polianilina. <i>Polimeros</i> , 2010, 20, 377-382.	0.2	7
149	Espumados magnetizáveis em processos de recuperação ambiental. <i>Polimeros</i> , 2010, 20, 359-365.	0.2	24
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