

Rodrigo Orefice

List of Publications by Year in descending order

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144
papers

4,095
citations

101543

36
h-index

144013

57
g-index

146
all docs

146
docs citations

146
times ranked

6070
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric film containing pomegranate peel extract as a promising tool for the treatment of candidiasis. <i>Natural Product Research</i> , 2022, , 1-5.	1.8	1
2	Biomolecule-based hydrogels containing electrospun fiber mats with enhanced mechanical properties and biological activity. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	5
3	Positively-charged electrospayed nanoparticles based on biodegradable polymers containing amphotericin B for the treatment of leishmaniasis. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 1189-1202.	3.4	5
4	Self-healing polymer blend based on PETG and EMAA. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50148.	2.6	6
5	Biocompatible and fluorescent polycaprolactone/silk electrospun nanofiber yarns loaded with carbon quantum dots for biotextiles. <i>Polymers for Advanced Technologies</i> , 2021, 32, 87-96.	3.2	10
6	Super ductility in HDPE/EVA blends triggered by synthetic amorphous nanotalc. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	6
7	Morphology Evolution during Stretching Investigated by <i>in situ</i> SAXS of Hybrids with Ceramic Nanoparticles Selectively Incorporated into a Highly Available Block Copolymer as a Model Material for Wearables. <i>ACS Applied Polymer Materials</i> , 2021, 3, 1583-1594.	4.4	3
8	3D printability of highly ductile poly(ethylene glycol-co-cyclohexane-1,4-dimethanol terephthalate)-EMAA blends. <i>Polymer Engineering and Science</i> , 2021, 61, 1695-1705.	3.1	2
9	Nanostructured lipid carriers enhances the safety profile of tretinoin: <i>in vitro</i> and healthy human volunteers™ studies. <i>Nanomedicine</i> , 2021, 16, 1391-1409.	3.3	5
10	Spiramycin-loaded PLGA implants for the treatment of ocular toxoplasmosis: development, characterization, biocompatibility, and anti-toxoplasma activity. <i>Die Pharmazie</i> , 2021, 76, 68-76.	0.5	1
11	Polymeric films containing pomegranate peel extract based on PVA/starch/PAA blends for use as wound dressing: In vitro analysis and physicochemical evaluation. <i>Materials Science and Engineering C</i> , 2020, 109, 110643.	7.3	48
12	Effect of incorporation of Halloysite nanotubes on the structure and properties of low-density polyethylene/thermoplastic starch blend. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	7
13	Ion Pair Strategy in Solid Lipid Nanoparticles: a Targeted Approach to Improve Epidermal Targeting with Controlled Adapalene Release, Resulting Reduced Skin Irritation. <i>Pharmaceutical Research</i> , 2020, 37, 148.	3.5	10
14	Bio-Based Polyurethane Foams with Enriched Surfaces of Petroleum Catalyst Residues as Adsorbents of Organic Pollutants in Aqueous Solutions. <i>Journal of Polymers and the Environment</i> , 2020, 28, 2511-2522.	5.0	8
15	Development and application of a miniaturized tensile testing device for in situ synchrotron microtomography experiments. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	2
16	From brittle to ductile fracture of polymer composites: The incorporation of energy dissipation mechanisms by carbon nanotubes-based multilayered interface. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49348.	2.6	5
17	Comparative study of HDPE composites reinforced with microtalc and nanotalcs: high performance filler for improving ductility at low concentration levels. <i>Journal of Materials Research and Technology</i> , 2020, 9, 16387-16398.	5.8	18
18	One-step process for the preparation of fast-response soft actuators based on electrospun hybrid hydrogel nanofibers obtained by reactive electrospinning with in situ synthesis of conjugated polymers. <i>Polymer</i> , 2020, 200, 122590.	3.8	17

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19	REUSE OF COLLAGEN AND HYDROXYAPATITE FROM THE WASTE PROCESSING OF FISH TO PRODUCE POLYETHYLENE COMPOSITES. <i>Quimica Nova</i> , 2020, , .	0.3	2
20	Direct use of Brazilian banknotes residue for the production of reinforced composites based on low-density polyethylene. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48232.	2.6	2
21	A facile and low-cost route for producing a flexible hydrogel/PANI electrolyte/counter electrode applicable in dye-sensitized solar cells (DSSC). <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	3
22	Multi-drug hybrid delivery systems with distinct release profiles based on gelatin/collagen containing vesicles derived from block copolymers. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 967-974.	7.5	12
23	Ocular biocompatibility of dexamethasone acetate loaded poly(ϵ -caprolactone) nanofibers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 20-30.	4.3	36
24	Production of Nanostructured Aluminosilicate Fibers from Poly(ethylene glycol) Based Electrospun Fibers. <i>Macromolecular Symposia</i> , 2019, 383, 1800036.	0.7	1
25	Influence of porosity of low-density polyethylene media on the maturation process of biofilters used in recirculating aquaculture systems. <i>Aquaculture International</i> , 2018, 26, 1035-1049.	2.2	6
26	Polyurethane foams containing residues of petroleum industry catalysts as recoverable pH-sensitive sorbents for aqueous pesticides. <i>Journal of Hazardous Materials</i> , 2018, 346, 285-295.	12.4	15
27	Control of the Hydrophilic/Hydrophobic Behavior of Biodegradable Natural Polymers by Decorating Surfaces with Nano- and Micro-Components. <i>Advances in Polymer Technology</i> , 2018, 37, 654-661.	1.7	14
28	Toughening brittle polymers with shape memory polymers. <i>Polymer</i> , 2018, 135, 30-38.	3.8	14
29	Biodegradable core-shell electrospun nanofibers containing bevacizumab to treat age-related macular degeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 173.	3.6	29
30	Aluminosilicate nanofibers with ordered pores derived from block copolymer electrospun nanofibers. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46868.	2.6	1
31	Prodegradant effect of titanium dioxide nanoparticulates on polypropylene/polyhydroxybutyrate blends. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46636.	2.6	6
32	Improved Cytotoxic Effect of Doxorubicin by Its Combination with Sclareol in Solid Lipid Nanoparticle Suspension. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 5609-5616.	0.9	10
33	Amphotericin B-Loaded Poly(lactic-co-glycolic acid) Nanofibers: An Alternative Therapy Scheme for Local Treatment of Vulvovaginal Candidiasis. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 2674-2685.	3.3	21
34	Electrospun poly(ϵ -caprolactone) matrices containing silver sulfadiazine complexed with β -cyclodextrin as a new pharmaceutical dosage form to wound healing: preliminary physicochemical and biological evaluation. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 67.	3.6	23
35	Annatto-colored Poly(3-hydroxybutyrate): A Comprehensive Study on Photodegradation. <i>Journal of Polymers and the Environment</i> , 2018, 26, 1169-1178.	5.0	12
36	Toughening high density polyethylene submitted to extreme ambient temperatures. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	13

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37	Antiangiogenic activity of a bevacizumab-loaded polyurethane device in animal neovascularization models. <i>Journal Francais D'Ophthalmologie</i> , 2017, 40, 202-208.	0.4	4
38	The effect of the incorporation of polystyrene-based chain extenders on the properties of the shape memory polyurethanes. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	1
39	Papain wound dressings obtained from poly(vinyl alcohol)/calcium alginate blends as new pharmaceutical dosage form: Preparation and preliminary evaluation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 113, 11-23.	4.3	43
40	Influence of aqueous dispersions in place of organic solvents during the synthesis of shape memory polyurethanes on their structure and properties. <i>Polymer Engineering and Science</i> , 2017, 57, 432-440.	3.1	6
41	Layer-by-Layer technique employed to construct multitask interfaces in polymer composites. <i>Polimeros</i> , 2017, 27, 330-338.	0.7	4
42	Design and Characterization of Biocomposites from Poly(lactic acid) (PLA) and Buriti Petiole (<i>Mauritia flexuosa</i>). <i>Journal of Renewable Materials</i> , 2017, 5, 251-257.	2.2	2
43	Anti-Inflammatory Effect of Dexamethasone Controlled Released From Anterior Suprachoroidal Polyurethane Implants on Endotoxin-Induced Uveitis in Rats. , 2016, 57, 1671.		26
44	Bioactive Glass Nanoparticles-Loaded Poly(ϵ -caprolactone) Nanofiber as Substrate for ARPE-19 Cells. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-12.	2.7	11
45	What Changes in Poly(3-Hydroxybutyrate) (PHB) When Processed as Electrospun Nanofibers or Thermo-Compression Molded Film?. <i>Materials Research</i> , 2016, 19, 57-66.	1.3	83
46	Improved self-healing properties of collagen using polyurethane microcapsules containing reactive diisocyanate. <i>Polymer International</i> , 2016, 65, 721-727.	3.1	7
47	External stimulus-responsive interfaces in polymer nanocomposites. <i>Polymer Composites</i> , 2016, 37, 1342-1349.	4.6	6
48	Recycled collagen films as biomaterials for controlled drug delivery. <i>New Journal of Chemistry</i> , 2016, 40, 8502-8510.	2.8	18
49	Nanostructured oxyhydroxide niobium (NbO ₂ OH) as UV radiation protector for polypropylene. <i>RSC Advances</i> , 2016, 6, 5040-5048.	3.6	5
50	Preparation of chitin nanofibers (whiskers) and their application as property-recovery agents in re-processed polypropylene. <i>Polymer Bulletin</i> , 2016, 73, 661-675.	3.3	7
51	Evaluation of the effect of reprocessing on the structure and properties of low density polyethylene/thermoplastic starch blends. <i>Carbohydrate Polymers</i> , 2016, 136, 210-215.	10.2	88
52	Self-crosslinkable complexes based on poly(ethylene glycol) (PEG), poly(itaconic acid) (PIA) and N-methylol acrylamide (NMA) as pharmaceutical hydrophilic matrices. <i>Polymer Bulletin</i> , 2016, 73, 75-95.	3.3	7
53	Surface-pegylated chitin whiskers as an effective additive to enhance the mechanical properties of recycled ABS. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	3
54	Design, characterization and preliminary in vitro evaluation of a mucoadhesive polymer based on modified pectin and acrylic monomers with potential use as a pharmaceutical excipient. <i>Carbohydrate Polymers</i> , 2015, 121, 372-381.	10.2	46

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55	In vitro and in vivo ocular biocompatibility of electrospun poly(ϵ -caprolactone) nanofibers. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 73, 9-19.	4.0	48
56	Synthesis and characterization of biodegradable polyurethane films based on HDI with hydrolyzable crosslinked bonds and a homogeneous structure for biomedical applications. <i>Materials Science and Engineering C</i> , 2015, 52, 22-30.	7.3	145
57	Solid Lipid Nanoparticles Loaded with Retinoic Acid and Lauric Acid as an Alternative for Topical Treatment of Acne Vulgaris. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 792-799.	0.9	37
58	Correlation between morphological properties and ionic conductivity in an electrolyte based on poly(vinylidene fluoride) and poly (2-hydroxyethyl methacrylate). <i>Materials Research</i> , 2014, 17, 115-120.	1.3	2
59	Efeito da incorpora��o de nanopart�culas de TiO ₂ na estrutura e propriedades de blendas de polipropileno e poli(hidroxibutirato) submetidas a testes de envelhecimento acelerado. <i>Polimeros</i> , 2014, 24, 395-401.	0.7	5
60	Interactions between a collagen-binding adhesive and dental substrate. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 2393-2401.	2.6	0
61	The Effect of Light-curing Access and Different Resin Cements on Apical Bond Strength of Fiber Posts. <i>Operative Dentistry</i> , 2014, 39, e93-e100.	1.2	16
62	Elaboration and Characterization of Coaxial Electrospun Poly(ϵ -Caprolactone)/Gelatin Nanofibers for Biomedical Applications. <i>Advances in Polymer Technology</i> , 2014, 33, .	1.7	9
63	Synthesis and electromechanical actuation of a temperature, pH, and electrically responsive hydrogel. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	18
64	Differentiation of human adipose-derived stem cells seeded on mineralized electrospun co-axial poly(ϵ -caprolactone) (PCL)/gelatin nanofibers. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 1137-1148.	3.6	40
65	Increasing the elongation at break of polyhydroxybutyrate biopolymer: Effect of cellulose nanowhiskers on mechanical and thermal properties. <i>Journal of Applied Polymer Science</i> , 2013, 127, 3613-3621.	2.6	71
66	Montmorillonite clay based polyurethane nanocomposite as substrate for retinal pigment epithelial cell growth. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 1309-1317.	3.6	23
67	Tailoring the morphology and properties of waterborne polyurethanes by the procedure of cellulose nanocrystal incorporation. <i>European Polymer Journal</i> , 2013, 49, 3761-3769.	5.4	39
68	Improvement of the thermal properties of poly(3-hydroxybutyrate) (PHB) by low molecular weight polypropylene glycol (LMWPPG) addition. <i>Journal of Applied Polymer Science</i> , 2013, 128, 3019-3025.	2.6	16
69	Surface modification of recording electrodes. <i>Polimeros</i> , 2013, 23, 712-717.	0.7	0
70	The potential of bamboo in the design of polymer composites. <i>Materials Research</i> , 2012, 15, 639-644.	1.3	20
71	Influence of the microstructure and mechanical strength of nanofibers of biodegradable polymers with hydroxyapatite in stem cells growth. <i>Electrospinning, characterization and cell viability. Polymer Degradation and Stability</i> , 2012, 97, 2037-2051.	5.8	43
72	Viabilidade celular de nanofibras de pol�meros biodegrad�veis e seus nanocomp�sitos com argila montmorilonita. <i>Polimeros</i> , 2012, 22, 34-41.	0.7	18

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73	Development of biodegradable polyurethane and bioactive glass nanoparticles scaffolds for bone tissue engineering applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 1387-1396.	3.4	43
74	Controlled release of triamcinolone acetonide from polyurethane implantable devices: application for inhibition of inflammatory-angiogenesis. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1431-1445.	3.6	17
75	Acrylic polymers derived from high solid emulsions as excipients to pharmaceutical applications: synthesis and characterization. <i>Polymer Bulletin</i> , 2012, 68, 931-948.	3.3	6
76	Montmorillonite Clay-Based Polyurethane Nanocomposite As Local Triamcinolone Acetonide Delivery System. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-11.	2.7	25
77	Design of prolonged release tablets using new solid acrylic excipients for direct compression. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 664-673.	4.3	20
78	Polyurethanes as Supports for Human Retinal Pigment Epithelium Cell Growth. <i>International Journal of Artificial Organs</i> , 2011, 34, 198-209.	1.4	18
79	Pharmaceutical acrylic beads obtained by suspension polymerization containing cellulose nanowhiskers as excipient for drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 42, 406-415.	4.0	68
80	N-acryloxysuccinimide: Synthesis, characterization, and incorporation in dental adhesives. <i>International Journal of Adhesion and Adhesives</i> , 2011, 31, 767-774.	2.9	3
81	In vivo tests of a novel wound dressing based on biomaterials with tissue adhesion controlled through external stimuli. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 1357-1364.	3.6	11
82	Thermal welding of biological tissues derived from porcine aorta for manufacturing bioprosthetic cardiac valves. <i>Biotechnology Letters</i> , 2011, 33, 1699-1703.	2.2	8
83	Porcelain tile surface modification with isocyanate coupling agent: interactions between EVA modified mortar and silane improving adherence. <i>Surface and Interface Analysis</i> , 2011, 43, 738-743.	1.8	11
84	Local Drug Delivery System: Inhibition of Inflammatory Angiogenesis in a Murine Sponge Model by Dexamethasone-Loaded Polyurethane Implants. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 2886-2895.	3.3	42
85	Shape-memory anchoring system for bladder sensors. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 96B, 369-375.	3.4	10
86	Polyurethane membranes with tunable surface properties for biomedical applications. <i>Journal of Applied Polymer Science</i> , 2011, 121, 3501-3508.	2.6	6
87	Biodegradable polyurethane nanocomposites containing dexamethasone for ocular route. <i>Materials Science and Engineering C</i> , 2011, 31, 414-422.	7.3	48
88	Study of the Morphology Exhibited by Linear Segmented Polyurethanes. <i>Macromolecular Symposia</i> , 2011, 299-300, 190-198.	0.7	32
89	Biodegradation of polyurethanes and nanocomposites to non-cytotoxic degradation products. <i>Polymer Degradation and Stability</i> , 2010, 95, 491-499.	5.8	93
90	The morphology and phase mixing studies on poly(ester-urethane) during shape memory cycle. <i>Journal of Materials Science</i> , 2010, 45, 511-522.	3.7	37

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91	In situ evaluation of structural changes in poly(ester-urethanes) during shape-memory cycles. <i>Polymer</i> , 2010, 51, 1744-1751.	3.8	18
92	Photopolymerizable and injectable polyurethanes for biomedical applications: Synthesis and biocompatibility. <i>Acta Biomaterialia</i> , 2010, 6, 3056-3066.	8.3	63
93	Proliferation of human mesenchymal stem cells derived from adipose tissue on polyurethanes with tunable biodegradability. <i>Polimeros</i> , 2010, 20, 280-286.	0.7	6
94	Porous biodegradable polyurethane nanocomposites: preparation, characterization, and biocompatibility tests. <i>Materials Research</i> , 2010, 13, 211-218.	1.3	81
95	Aplicações farmacêuticas de polímeros. <i>Polimeros</i> , 2010, 20, 51-64.	0.7	60
96	Effect of Long-Term In Vitro Testing on the Properties of Bioactive Glass~Polysulfone Composites. <i>Biomacromolecules</i> , 2010, 11, 657-665.	5.4	18
97	Evaluation of the interactions between collagen and the surface of a bioactive glass during <i>in vitro</i> test. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 90A, 114-120.	4.0	22
98	Effect of the degree of clay delamination on the phase morphology, surface chemical aspects, and properties of hydrolyzable polyurethanes for periodontal regeneration. <i>Journal of Applied Polymer Science</i> , 2009, 114, 254-263.	2.6	11
99	Formation of ion pairing as an alternative to improve encapsulation and stability and to reduce skin irritation of retinoic acid loaded in solid lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2009, 381, 77-83.	5.2	105
100	Synthesis, neutralization and blocking procedures of organic/inorganic hybrid scaffolds for bone tissue engineering applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 529-535.	3.6	20
101	Effect of the macromolecular architecture of biodegradable polyurethanes on the controlled delivery of ocular drugs. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 481-487.	3.6	21
102	Surface evaluation of cardiac angiographic catheters after simulated use and reprocessing. <i>Applied Surface Science</i> , 2009, 256, 1419-1425.	6.1	7
103	Controlled release of dexamethasone acetate from biodegradable and biocompatible polyurethane and polyurethane nanocomposite. <i>Journal of Drug Targeting</i> , 2009, 17, 374-383.	4.4	37
104	Sol-gel derived composite from bioactive glass~polyvinyl alcohol. <i>Journal of Materials Science</i> , 2008, 43, 494-502.	3.7	57
105	Study of the behavior of polyester concretes containing ionomers as curing agents. <i>Journal of Applied Polymer Science</i> , 2008, 108, 2682-2690.	2.6	30
106	Engineered hyperstructures based on attaching macromers onto polymers. <i>European Polymer Journal</i> , 2008, 44, 3969-3980.	5.4	3
107	Characterization of a new solid lipid nanoparticle formulation containing retinoic acid for topical treatment of acne. <i>Powder Diffraction</i> , 2008, 23, S30-S35.	0.2	11
108	Development of a new solid lipid nanoparticle formulation containing retinoic acid for topical treatment of acne. <i>Journal of Microencapsulation</i> , 2007, 24, 395-407.	2.8	53

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109	Preparation of hybrid biomaterials for bone tissue engineering. <i>Materials Research</i> , 2007, 10, 21-26.	1.3	41
110	Nanocompósitos derivados de dispersões aquosas de poliuretano e argila: influência da argila na morfologia e propriedades mecânicas. <i>Polimeros</i> , 2007, 17, 339-345.	0.7	17
111	Attachment of inorganic moieties onto aliphatic polyurethanes. <i>Materials Research</i> , 2007, 10, 119-125.	1.3	12
112	Obtenção de compósitos de resinas de ardósia e polipropileno. <i>Polimeros</i> , 2007, 17, 98-103.	0.7	21
113	Processing, properties, and in vitro bioactivity of polysulfone-bioactive glass composites. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 80A, 565-580.	4.0	30
114	Phase morphology of hydrolysable polyurethanes derived from aqueous dispersions. <i>European Polymer Journal</i> , 2007, 43, 3510-3521.	5.4	90
115	Processing, adhesion and electrical properties of silicon steel having non-oriented grains coated with silica and alumina sol-gel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007, 447, 77-82.	5.6	27
116	Structural analysis on photopolymerized dental resins containing nanocomponents. <i>Journal of Materials Science</i> , 2007, 42, 3883-3893.	3.7	30
117	Influence of Bentonite Type in Waterborne Polyurethane Nanocomposite Mechanical Properties. <i>Macromolecular Symposia</i> , 2006, 245-246, 330-336.	0.7	14
118	Bioactive composites with designed interphases based on hyperbranched macromers. <i>Journal of Applied Polymer Science</i> , 2006, 99, 1153-1166.	2.6	4
119	AFM Study on the Interactions Across Interfaces Containing Attached Polymer Chains. <i>Macromolecular Materials and Engineering</i> , 2006, 291, 377-386.	3.6	10
120	Effect of the incorporation of a novel natural inorganic short fiber on the properties of polyurethane composites. <i>Polymer Testing</i> , 2005, 24, 819-824.	4.8	40
121	Influence of the power density on the kinetics of photopolymerization and properties of dental composites. , 2005, 72B, 393-400.		39
122	Biomaterial with chemically engineered surface for protein immobilization. <i>Journal of Materials Science: Materials in Medicine</i> , 2005, 16, 333-340.	3.6	80
123	Preparation of bioactive glass-polyvinyl alcohol hybrid foams by the sol-gel method. <i>Journal of Materials Science: Materials in Medicine</i> , 2005, 16, 1045-1050.	3.6	93
124	Using the Nanostructure of Segmented Polyurethanes as a Template in the Fabrication of Nanocomposites. <i>Macromolecules</i> , 2005, 38, 4058-4060.	4.8	13
125	Processing, characterization and properties of conducting polyaniline-sulfonated SEBS block copolymers. <i>European Polymer Journal</i> , 2004, 40, 2017-2023.	5.4	44
126	Characterization of poly(vinyl alcohol)/poly(ethylene glycol) hydrogels and PVA-derived hybrids by small-angle X-ray scattering and FTIR spectroscopy. <i>Polymer</i> , 2004, 45, 7193-7202.	3.8	563

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127	Effect of the crystallization of bioactive glass reinforcing agents on the mechanical properties of polymer composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 372, 245-251.	5.6	24
128	Effect of light intensity and irradiation time on the polymerization process of a dental composite resin. <i>Materials Research</i> , 2004, 7, 313-318.	1.3	20
129	Controlling the phase stability of polymer blends through the introduction of impenetrable interfaces. <i>Journal of Applied Polymer Science</i> , 2003, 87, 1619-1627.	2.6	0
130	In situ evaluation of the polymerization kinetics and corresponding evolution of the mechanical properties of dental composites. <i>Polymer Testing</i> , 2003, 22, 77-81.	4.8	56
131	FTIR and UV-vis study of chemically engineered biomaterial surfaces for protein immobilization. <i>Spectroscopy</i> , 2002, 16, 351-360.	0.8	72
132	Compósitos Bioativos Obtidos a Partir da Inserção de Vidro Bioativo em Matriz de Poli(Metacrilato de) Tj ETQq0,00 rgBT,8/Overlock	0.7	0
133	Novel sol-gel bioactive fibers. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 55, 460-467.	3.1	35
134	Title is missing!. <i>Adsorption</i> , 2001, 7, 105-116.	3.0	12
135	Effect of particle morphology on the mechanical and thermo-mechanical behavior of polymer composites. <i>Revista Brasileira De Ciencias Mecanicas/Journal of the Brazilian Society of Mechanical Sciences</i> , 2001, 23, 1-8.	0.1	30
136	In vitro bioactivity of polymer matrices reinforced with a bioactive glass phase. <i>Journal of the Brazilian Chemical Society</i> , 2000, 11, 78-85.	0.6	7
137	Sol-gel silica based networks with controlled chemical properties. <i>Journal of Non-Crystalline Solids</i> , 2000, 273, 109-115.	3.1	61
138	Novel multicomponent silicate-poly(vinyl alcohol) hybrids with controlled reactivity. <i>Journal of Non-Crystalline Solids</i> , 2000, 273, 180-185.	3.1	58
139	Surface Functionalization of Porous Glass Networks: Effects on Bovine Serum Albumin and Porcine Insulin Immobilization. <i>Biomacromolecules</i> , 2000, 1, 789-797.	5.4	46
140	Evaluation of the interactions between polymeric chains and surfaces with different structures performed by an atomic force microscope. <i>Materials Research</i> , 1998, 1, 19-28.	1.3	14
141	Title is missing!. <i>Journal of Sol-Gel Science and Technology</i> , 1997, 9, 239-249.	2.4	3
142	Sol-Gel transition and structural evolution on multicomponent gels derived from the alumina-silica system. <i>Journal of Sol-Gel Science and Technology</i> , 1997, 9, 239-249.	2.4	51
143	Preparation and characterization of xerogels obtained from aluminum isopropoxide. , 1994, 2288, 733.		3
144	Physicochemical characterization of the gelatin/polycaprolactone nanofibers loaded with diclofenac potassium for topical use aiming potential anti-inflammatory action. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 0, , 1-16.	3.4	2