

Rodrigo Orefice

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

140
papers

3,303
citations

33
h-index

51
g-index

146
ext. papers

3,654
ext. citations

3.5
avg, IF

5.37
L-index

#	Paper	IF	Citations
140	Polymeric film containing pomegranate peel extract as a promising tool for the treatment of candidiasis.. <i>Natural Product Research</i> , 2022 , 1-5	2.3	0
139	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	2.3	1
138	Self-healing polymer blend based on PETG and EMAA. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50148	2.9	4
137	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	8
136	Super ductility in HDPE/EVA blends triggered by synthetic amorphous nanotalc. <i>Journal of Polymer Research</i> , 2021 , 28, 1	2.7	3
135	Morphology Evolution during Stretching Investigated by in situ 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	4.3	0
134	Nanostructured lipid carriers enhances the safety profile of tretinoin: and healthy human volunteers studies. <i>Nanomedicine</i> , 2021 , 16, 1391-1409	5.6	2
133	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	1.5	
132	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	4.5	2
131	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> , 2020 , 1-14	3	2
130	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	2	1
129	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	2.9	4
128	Comparative study of HDPE composites reinforced with microtalc and nanotalc: high performance filler for improving ductility at low concentration levels. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 16387-16398	5.5	8
127	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	3.9	5
126	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	8.3	21
125	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	2.7	4
124	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	4.5	6

123	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	7.9	6
122	Ocular biocompatibility of dexamethasone acetate loaded poly(ϵ -caprolactone) nanofibers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 142, 20-30	5.7	19
121	Production of Nanostructured Aluminosilicate Fibers from Poly(ethylene glycol) Based Electrospun Fibers. <i>Macromolecular Symposia</i> , 2019 , 383, 1800036	0.8	1
120	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	2.9	2
119	A facile and low-cost route for producing a flexible hydrogelâPANI electrolyte/counter electrode applicable in dye-sensitized solar cells (DSSC). <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	1
118	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	2.6	3
117	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	12.8	6
116	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	1.9	9
115	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	1.3	9
114	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	3.9	11
113	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	4.5	14
112	Annatto-colored Poly(3-hydroxybutyrate): A Comprehensive Study on Photodegradation. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 1169-1178	4.5	4
111	Toughening brittle polymers with shape memory polymers. <i>Polymer</i> , 2018 , 135, 30-38	3.9	8
110	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	4.5	12
109	Aluminosilicate nanofibers with ordered pores derived from block copolymer electrospun nanofibers. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46868	2.9	1
108	Prodegradant effect of titanium dioxide nanoparticulates on polypropyleneâpolyhydroxybutyrate blends. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46636	2.9	4
107	Toughening high density polyethylene submitted to extreme ambient temperatures. <i>Journal of Polymer Research</i> , 2017 , 24, 1	2.7	9
106	Antiangiogenic activity of a bevacizumab-loaded polyurethane device in animal neovascularization models. <i>Journal Francais D'Ophtalmologie</i> , 2017 , 40, 202-208	0.8	4

105	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,	2.9	1
104	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	5.7	35
103	Layer-by-Layer technique employed to construct multitask interfaces in polymer composites. <i>Polimeros</i> , 2017 , 27, 330-338	1.6	3
102	Design and Characterization of Biocomposites from Poly(lactic acid) (PLA) and Buriti Petiole (Mauritia flexuosa). <i>Journal of Renewable Materials</i> , 2017 , 5, 251-257	2.4	1
101	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	2.3	6
100	Evaluation of the effect of reprocessing on the structure and properties of low density polyethylene/thermoplastic starch blends. <i>Carbohydrate Polymers</i> , 2016 , 136, 210-5	10.3	75
99	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	2.4	6
98	Recycled collagen films as biomaterials for controlled drug delivery. <i>New Journal of Chemistry</i> , 2016 , 40, 8502-8510	3.6	15
97	Nanostructured oxyhydroxide niobium (NbO ₂ OH) as UV radiation protector for polypropylene. <i>RSC Advances</i> , 2016 , 6, 5040-5048	3.7	5
96	Preparation of chitin nanofibers (whiskers) and their application as property-recovery agents in re-processed polypropylene. <i>Polymer Bulletin</i> , 2016 , 73, 661-675	2.4	5
95	Anti-Inflammatory Effect of Dexamethasone Controlled Released From Anterior Suprachoroidal Polyurethane Implants on Endotoxin-Induced Uveitis in Rats 2016 , 57, 1671-9		24
94	Bioactive Glass Nanoparticles-Loaded Poly(e-caprolactone) Nanofiber as Substrate for ARPE-19 Cells. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-12	3.2	6
93	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	1.5	63
92	Improved self-healing properties of collagen using polyurethane microcapsules containing reactive diisocyanate. <i>Polymer International</i> , 2016 , 65, 721-727	3.3	7
91	External stimulus-responsive interfaces in polymer nanocomposites. <i>Polymer Composites</i> , 2016 , 37, 1342-1349		4
90	In vitro and in vivo ocular biocompatibility of electrospun poly(e-caprolactone) nanofibers. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 73, 9-19	5.1	36
89	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	8.3	115
88	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, 792-9	1.3	28

87	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, n/a-n/a	2.9	2
86	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, 372-81	10.3	39
85	The effect of light-curing access and different resin cements on apical bond strength of fiber posts. <i>Operative Dentistry</i> , 2014 , 39, E93-100	2.9	12
84	Elaboration and Characterization of Coaxial Electrospun Poly(εCaprolactone)/Gelatin Nanofibers for Biomedical Applications. <i>Advances in Polymer Technology</i> , 2014 , 33, n/a-n/a	1.9	8
83	Synthesis and electromechanical actuation of a temperature, pH, and electrically responsive hydrogel. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	13
82	Differentiation of human adipose-derived stem cells seeded on mineralized electrospun co-axial poly(εcaprolactone) (PCL)/gelatin nanofibers. <i>Journal of Materials Science: Materials in Medicine</i> , 2014 , 25, 1137-48	4.5	33
81	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	1.5	2
80	Efeito da incorporaçã de nanopartículas de TiO2 na estrutura e propriedades de blendas de polipropileno e poli(hidroxibutirato) submetidas a testes de envelhecimento acelerado. <i>Polimeros</i> , 2014 , 24, 395-401	1.6	5
79	Interactions between a collagen-binding adhesive and dental substrate. <i>Journal of Adhesion Science and Technology</i> , 2014 , 28, 2393-2401	2	
78	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	2.9	56
77	Montmorillonite clay based polyurethane nanocomposite as substrate for retinal pigment epithelial cell growth. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 1309-17	4.5	17
76	Tailoring the morphology and properties of waterborne polyurethanes by the procedure of cellulose nanocrystal incorporation. <i>European Polymer Journal</i> , 2013 , 49, 3761-3769	5.2	36
75	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	2.9	14
74	Acrylic polymers derived from high solid emulsions as excipients to pharmaceutical applications: synthesis and characterization. <i>Polymer Bulletin</i> , 2012 , 68, 931-948	2.4	6
73	Influence of the microstructure and mechanical strength of nanofibers of biodegradable polymers with hydroxyapatite in stem cells growth. Electrospinning, characterization and cell viability. <i>Polymer Degradation and Stability</i> , 2012 , 97, 2037-2051	4.7	39
72	Viabilidade celular de nanofibras de polímeros biodegradáveis e seus nanocompósitos com argila montmorilonita. <i>Polimeros</i> , 2012 , 22, 34-41	1.6	16
71	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 , 100, 1387-96	3.5	41
70	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, 1431-45	4.5	12

69	The potential of bamboo in the design of polymer composites. <i>Materials Research</i> , 2012 , 15, 639-644	1.5	13
68	Design of prolonged release tablets using new solid acrylic excipients for direct compression. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011 , 79, 664-73	5.7	17
67	Polyurethanes as supports for human retinal pigment epithelium cell growth. <i>International Journal of Artificial Organs</i> , 2011 , 34, 198-209	1.9	14
66	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	5.1	63
65	N-acryloxysuccinimide: Synthesis, characterization, and incorporation in dental adhesives. <i>International Journal of Adhesion and Adhesives</i> , 2011 , 31, 767-774	3.4	2
64	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, 1357-64	4.5	11
63	Thermal welding of biological tissues derived from porcine aorta for manufacturing bioprosthetic cardiac valves. <i>Biotechnology Letters</i> , 2011 , 33, 1699-703	3	7
62	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	1.5	8
61	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, 2886-95	3.9	22
60	Shape-memory anchoring system for bladder sensors. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011 , 96, 369-75	3.5	10
59	Polyurethane membranes with tunable surface properties for biomedical applications. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 3501-3508	2.9	3
58	Montmorillonite Clay-Based Polyurethane Nanocomposite As Local Triamcinolone Acetonide Delivery System. <i>Journal of Nanomaterials</i> , 2011 , 2011, 1-11	3.2	21
57	Biodegradable polyurethane nanocomposites containing dexamethasone for ocular route. <i>Materials Science and Engineering C</i> , 2011 , 31, 414-422	8.3	37
56	Study of the Morphology Exhibited by Linear Segmented Polyurethanes. <i>Macromolecular Symposia</i> , 2011 , 299-300, 190-198	0.8	29
55	Proliferation of human mesenchymal stem cells derived from adipose tissue on polyurethanes with tunable biodegradability. <i>Polimeros</i> , 2010 , 20, 280-286	1.6	6
54	Porous biodegradable polyurethane nanocomposites: preparation, characterization, and biocompatibility tests. <i>Materials Research</i> , 2010 , 13, 211-218	1.5	56
53	Aplicações farmacêuticas de polímeros. <i>Polimeros</i> , 2010 , 20, 51-64	1.6	41
52	Effect of long-term in vitro testing on the properties of bioactive glass-polysulfone composites. <i>Biomacromolecules</i> , 2010 , 11, 657-65	6.9	18

51	Biodegradation of polyurethanes and nanocomposites to non-cytotoxic degradation products. <i>Polymer Degradation and Stability</i> , 2010 , 95, 491-499	4.7	81
50	The morphology and phase mixing studies on poly(ester-urethane) during shape memory cycle. <i>Journal of Materials Science</i> , 2010 , 45, 511-522	4.3	30
49	In situ evaluation of structural changes in poly(ester-urethanes) during shape-memory cycles. <i>Polymer</i> , 2010 , 51, 1744-1751	3.9	16
48	Photopolymerizable and injectable polyurethanes for biomedical applications: synthesis and biocompatibility. <i>Acta Biomaterialia</i> , 2010 , 6, 3056-66	10.8	55
47	Evaluation of the interactions between collagen and the surface of a bioactive glass during in vitro test. <i>Journal of Biomedical Materials Research - Part A</i> , 2009 , 90, 114-20	5.4	17
46	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	2.9	11
45	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	6.5	93
44	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, 529-35	4.5	19
43	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, 481-7	4.5	16
42	Surface evaluation of cardiac angiographic catheters after simulated use and reprocessing. <i>Applied Surface Science</i> , 2009 , 256, 1419-1425	6.7	5
41	Controlled release of dexamethasone acetate from biodegradable and biocompatible polyurethane and polyurethane nanocomposite. <i>Journal of Drug Targeting</i> , 2009 , 17, 374-83	5.4	36
40	Characterization of a new solid lipid nanoparticle formulation containing retinoic acid for topical treatment of acne. <i>Powder Diffraction</i> , 2008 , 23, S30-S35	1.8	10
39	Sol-gel derived composite from bioactive glass-polyvinyl alcohol. <i>Journal of Materials Science</i> , 2008 , 43, 494-502	4.3	48
38	Study of the behavior of polyester concretes containing ionomers as curing agents. <i>Journal of Applied Polymer Science</i> , 2008 , 108, 2682-2690	2.9	29
37	Engineered hyperstructures based on attaching macromers onto polymers. <i>European Polymer Journal</i> , 2008 , 44, 3969-3980	5.2	3
36	Preparation of hybrid biomaterials for bone tissue engineering. <i>Materials Research</i> , 2007 , 10, 21-26	1.5	32
35	Nanocompósitos derivados de dispersões aquosas de poliuretano e argila: influência da argila na morfologia e propriedades mecânicas. <i>Polimeros</i> , 2007 , 17, 339-345	1.6	16
34	Attachment of inorganic moieties onto aliphatic polyurethanes. <i>Materials Research</i> , 2007 , 10, 119-125	1.5	12

33	Obtenção de compósitos de resíduos de ardência e polipropileno. <i>Polimeros</i> , 2007 , 17, 98-103	1.6	18
32	Processing, properties, and in vitro bioactivity of polysulfone-bioactive glass composites. <i>Journal of Biomedical Materials Research - Part A</i> , 2007 , 80, 565-80	5.4	26
31	Phase morphology of hydrolysable polyurethanes derived from aqueous dispersions. <i>European Polymer Journal</i> , 2007 , 43, 3510-3521	5.2	82
30	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	5.3	25
29	Structural analysis on photopolymerized dental resins containing nanocomponents. <i>Journal of Materials Science</i> , 2007 , 42, 3883-3893	4.3	28
28	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	3.4	46
27	Bioactive composites with designed interphases based on hyperbranched macromers. <i>Journal of Applied Polymer Science</i> , 2006 , 99, 1153-1166	2.9	3
26	AFM Study on the Interactions Across Interfaces Containing Attached Polymer Chains. <i>Macromolecular Materials and Engineering</i> , 2006 , 291, 377-386	3.9	9
25	Influence of Bentonite Type in Waterborne Polyurethane Nanocomposite Mechanical Properties. <i>Macromolecular Symposia</i> , 2006 , 245-246, 330-336	0.8	14
24	Using the Nanostructure of Segmented Polyurethanes as a Template in the Fabrication of Nanocomposites. <i>Macromolecules</i> , 2005 , 38, 4058-4060	5.5	13
23	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	4.5	36
22	Influence of the power density on the kinetics of photopolymerization and properties of dental composites 2005 , 72, 393-400		36
21	Biomaterial with chemically engineered surface for protein immobilization. <i>Journal of Materials Science: Materials in Medicine</i> , 2005 , 16, 333-40	4.5	70
20	Preparation of bioactive glass-polyvinyl alcohol hybrid foams by the sol-gel method. <i>Journal of Materials Science: Materials in Medicine</i> , 2005 , 16, 1045-50	4.5	83
19	Processing, characterization and properties of conducting polyaniline-sulfonated SEBS block copolymers. <i>European Polymer Journal</i> , 2004 , 40, 2017-2023	5.2	41
18	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	3.9	463
17	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	5.3	22
16	Effect of light intensity and irradiation time on the polymerization process of a dental composite resin. <i>Materials Research</i> , 2004 , 7, 313-318	1.5	13

15	Controlling the phase stability of polymer blends through the introduction of impenetrable interfaces. <i>Journal of Applied Polymer Science</i> , 2003 , 87, 1619-1627	2.9	
14	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	4.5	47
13	FTIR and UV-vis study of chemically engineered biomaterial surfaces for protein immobilization. <i>Spectroscopy</i> , 2002 , 16, 351-360		62
12	Novel sol-gel bioactive fibers. <i>Journal of Biomedical Materials Research Part B</i> , 2001 , 55, 460-7		28
11	Adsorption/Desorption Behavior of Bovine Serum Albumin and Porcine Insulin on Chemically Patterned Porous Gel Networks. <i>Adsorption</i> , 2001 , 7, 105-116	2.6	9
10	Compositos Bioativos Obtidos a Partir da Inserçã de Vidro Bioativo em Matriz de Poli(Metacrilato de Metila). <i>Polimeros</i> , 2001 , 11, 109-115	1.6	6
9	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		28
8	In vitro bioactivity of polymer matrices reinforced with a bioactive glass phase. <i>Journal of the Brazilian Chemical Society</i> , 2000 , 11, 78-85	1.5	6
7	Sol-gel silica based networks with controlled chemical properties. <i>Journal of Non-Crystalline Solids</i> , 2000 , 273, 109-115	3.9	50
6	Novel multicomponent silicate-poly(vinyl alcohol) hybrids with controlled reactivity. <i>Journal of Non-Crystalline Solids</i> , 2000 , 273, 180-185	3.9	50
5	Surface functionalization of porous glass networks: effects on bovine serum albumin and porcine insulin immobilization. <i>Biomacromolecules</i> , 2000 , 1, 789-97	6.9	43
4	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	1.5	10
3	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	2.3	1
2	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	2.3	42
1	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> , 1-16	3	