Edvani Muniz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/806399/publications.pdf

Version: 2024-02-01

258	11,027	28274	45317
papers	citations	55 h-index	90 g-index

265	265	265	12600
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Superabsorbent hydrogels based on polysaccharides for application in agriculture as soil conditioner and nutrient carrier: A review. European Polymer Journal, 2015, 72, 365-385.	5.4	514
2	Chitosan-based hydrogels: From preparation to biomedical applications. Carbohydrate Polymers, 2018, 196, 233-245.	10.2	451
3	Chitosan-graft-poly(acrylic acid)/rice husk ash based superabsorbent hydrogel composite: preparation and characterization. Journal of Polymer Research, 2012, 19, 1.	2.4	293
4	Removal of methylene blue dye from an aqueous media using superabsorbent hydrogel supported on modified polysaccharide. Journal of Colloid and Interface Science, 2006, 301, 55-62.	9.4	281
5	Superabsorbent hydrogel composite made of cellulose nanofibrils and chitosan-graft-poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Overloc	10.2	238
6	Antimicrobial Activity of Chitosan Derivatives Containing N-Quaternized Moieties in Its Backbone: A Review. International Journal of Molecular Sciences, 2014, 15, 20800-20832.	4.1	219
7	Recent Advances in Food-Packing, Pharmaceutical and Biomedical Applications of Zein and Zein-Based Materials. International Journal of Molecular Sciences, 2014, 15, 22438-22470.	4.1	215
8	Compressive Elastic Modulus of Polyacrylamide Hydrogels and Semi-IPNs with Poly(N-isopropylacrylamide). Macromolecules, 2001, 34, 4480-4484.	4.8	214
9	Novel adsorbent based on silkworm chrysalides for removal of heavy metals from wastewaters. Journal of Colloid and Interface Science, 2006, 301, 479-487.	9.4	164
10	Reaction of Glycidyl Methacrylate at the Hydroxyl and Carboxylic Groups of Poly(vinyl alcohol) and Poly(acrylic acid): Is This Reaction Mechanism Still Unclear?. Journal of Organic Chemistry, 2009, 74, 3750-3757.	3.2	160
11	Effect of magnetite on the adsorption behavior of Pb(II), Cd(II), and Cu(II) in chitosan-based hydrogels. Desalination, 2011, 275, 187-196.	8.2	150
12	Chitosan/TPP microparticles obtained by microemulsion method applied in controlled release of heparin. International Journal of Biological Macromolecules, 2012, 51, 1127-1133.	7.5	137
13	Synthesis of a novel superabsorbent hydrogel by copolymerization of acrylamide and cashew gum modified with glycidyl methacrylate. Carbohydrate Polymers, 2005, 61, 464-471.	10.2	133
14	Superabsorbent hydrogel nanocomposites based on starch-g-poly(sodium acrylate) matrix filled with cellulose nanowhiskers. Cellulose, 2012, 19, 1225-1237.	4.9	126
15	Nanocomposites based on poly(acrylamide-co-acrylate) and cellulose nanowhiskers. European Polymer Journal, 2012, 48, 454-463.	5.4	118
16	Surface modification of HDPE, PP, and PET films with KMnO4/HCl solutions. Polymer Degradation and Stability, 2007, 92, 1219-1226.	5.8	111
17	AplicaÃ§Ãµes de fibras lignocelulÃ³sicas na quÃmica de polÃmeros e em compÃ³sitos. Quimica Nova, 2009, 32, 661-671.	0.3	111
18	Fast dye removal from water by starch-based nanocomposites. Journal of Colloid and Interface Science, 2015, 454, 200-209.	9.4	111

#	Article	IF	Citations
19	Characterization of N-trimethyl chitosan/alginate complexes and curcumin release. International Journal of Biological Macromolecules, 2013, 57, 174-184.	7.5	109
20	Precipitation of Î²-carotene and PHBV and co-precipitation from SEDS technique using supercritical CO2. Journal of Supercritical Fluids, 2008, 47, 259-269.	3.2	99
21	Capacity of adsorption of Pb2+ and Ni2+ from aqueous solutions by chitosan produced from silkworm chrysalides in different degrees of deacetylation. Journal of Hazardous Materials, 2007, 147, 139-147.	12.4	97
22	Characterization of polyelectrolytes complexes based on N,N,N-trimethyl chitosan/heparin prepared at different pH conditions. Carbohydrate Polymers, 2011, 86, 1266-1272.	10.2	97
23	Superabsorbent hydrogel based on modified polysaccharide for removal of Pb2+ and Cu2+ from water with excellent performance. Journal of Applied Polymer Science, 2007, 105, 2903-2909.	2.6	95
24	Synthesis and characterization of pH-responsive hydrogels based on chemically modified Arabic gum polysaccharide. Polymer, 2006, 47, 2023-2029.	3.8	94
25	Synthesis and characterization of a starchâ€modified hydrogel as potential carrier for drug delivery system. Journal of Polymer Science Part A, 2008, 46, 2567-2574.	2.3	94
26	Silver sulfadiazine loaded chitosan/chondroitin sulfate films for a potential wound dressing application. Materials Science and Engineering C, 2013, 33, 588-595.	7.3	92
27	Chitosan-sheath and chitin-core nanowhiskers. Carbohydrate Polymers, 2014, 107, 158-166.	10.2	91
28	Chemical recycling of PET by catalyzed glycolysis: Kinetics of the heterogeneous reaction. Chemical Engineering Journal, 2011, 173, 210-219.	12.7	90
29	Hydrogels based on PAAm network with PNIPAAm included: hydrophilicâ€“hydrophobic transition measured by the partition of Orange II and Methylene Blue in water. Polymer, 2003, 44, 4213-4219.	3.8	88
30	Efficiency of hydrogels based on natural polysaccharides in the removal of Cd2+ ions from aqueous solutions. Chemical Engineering Journal, 2011, 168, 68-76.	12.7	88
31	Hydrogel based on an alginateâ€“Ca2+/chondroitin sulfate matrix as a potential colon-specific drug delivery system. RSC Advances, 2012, 2, 11095.	3.6	88
32	Antiadhesive and Antibacterial Multilayer Films via Layer-by-Layer Assembly of TMC/Heparin Complexes. Biomacromolecules, 2012, 13, 3711-3722.	5.4	86
33	pH-responsive alginate-based hydrogels for protein delivery. Journal of Molecular Liquids, 2018, 262, 29-36.	4.9	77
34	Time- and pH-dependent self-rearrangement of a swollen polymer network based on polyelectrolytes complexes of chitosan/chondroitin sulfate. Carbohydrate Polymers, 2010, 80, 934-943.	10.2	75
35	Synthesis and characterization of pectin derivative with antitumor property against Caco-2 colon cancer cells. Carbohydrate Polymers, 2015, 115, 139-145.	10.2	75
36	Natural polymer-based magnetic hydrogels: Potential vectors for remote-controlled drug release. Carbohydrate Polymers, 2012, 90, 1216-1225.	10.2	74

#	Article	IF	Citations
37	Scaffolds based on chitosan/pectin thermosensitive hydrogels containing gold nanoparticles. International Journal of Biological Macromolecules, 2017, 102, 1186-1194.	7.5	73
38	Preparation and Characterization of Zein and Zein-Chitosan Microspheres with Great Prospective of Application in Controlled Drug Release. Journal of Nanomaterials, 2011, 2011, 1-6.	2.7	72
39	Starch-based microspheres for sustained-release of curcumin: Preparation and cytotoxic effect on tumor cells. Carbohydrate Polymers, 2013, 98, 711-720.	10.2	72
40	Supercritical ethanolysis for biodiesel production from edible oil waste using ionic liquid [HMim][HSO4] as catalyst. Applied Catalysis B: Environmental, 2016, 181, 289-297.	20.2	71
41	Mathematical model for the prediction of the overall profile of in vitro solute release from polymer networks. Journal of Colloid and Interface Science, 2007, 310, 128-135.	9.4	69
42	Curcumin-loaded dual pH- and thermo-responsive magnetic microcarriers based on pectin maleate for drug delivery. Carbohydrate Polymers, 2017, 171, 259-266.	10.2	67
43	Characterization of PNIPAAm photografted on PET and PS surfaces. Applied Surface Science, 2005, 245, 223-233.	6.1	66
44	Synthesis of a microhydrogel composite from cellulose nanowhiskers and starch for drug delivery. Carbohydrate Polymers, 2015, 115, 715-722.	10.2	63
45	Preparation and cytotoxicity of N-modified chitosan nanoparticles applied in curcumin delivery. International Journal of Biological Macromolecules, 2016, 87, 237-245.	7.5	63
46	1H NMR and 1Hâ€“13C HSQC surface characterization of chitosanâ€“chitin sheath-core nanowhiskers. Carbohydrate Polymers, 2015, 123, 46-52.	10.2	62
47	Nanoparticles Made From Xyloglucan-Block-Polycaprolactone Copolymers: Safety Assessment for Drug Delivery. Toxicological Sciences, 2015, 147, 104-115.	3.1	61
48	Composite materials based on chitosan/gold nanoparticles: From synthesis to biomedical applications. International Journal of Biological Macromolecules, 2020, 161, 977-998.	7.5	61
49	Superabsorbent hydrogel composites with a focus on hydrogels containing nanofibers or nanowhiskers of cellulose and chitin. Journal of Applied Polymer Science, 2014, 131, .	2.6	60
50	Porous alginate-Ca2+ hydrogels interpenetrated with PNIPAAm networks: Interrelationship between compressive stress and pore morphology. European Polymer Journal, 2005, 41, 2845-2852.	5.4	59
51	Release of BSA from porous matrices constituted of alginateâ€“Ca2+ and PNIPAAm-interpenetrated networks. Materials Science and Engineering C, 2009, 29, 2319-2325.	7.3	59
52	Development and application of chitosan/poly(vinyl alcohol) films for removal and recovery of Pb(II). Chemical Engineering Journal, 2012, 183, 253-260.	12.7	59
53	PET and aluminum recycling from multilayer food packaging using supercritical ethanol. Journal of Supercritical Fluids, 2013, 75, 138-143.	3.2	58
54	Dual-network hydrogels based on chemically and physically crosslinked chitosan/chondroitin sulfate. Reactive and Functional Polymers, 2013, 73, 1662-1671.	4.1	58

#	Article	IF	Citations
55	Thermo-sensitive hydrogels membranes from PAAm networks and entangled PNIPAAm: effect of temperature, cross-linking and PNIPAAm contents on the water uptake and permeability. Reactive and Functional Polymers, 2004, 61, 233-243.	4.1	57
56	Chitosan/chondroitin sulfate hydrogels prepared in [Hmim][HSO4] ionic liquid. Carbohydrate Polymers, 2017, 170, 99-106.	10.2	57
57	Solvent effects on the miscibility of poly(methyl methacrylate)/poly(vinyl acetate) blends. Polymer, 1999, 40, 5129-5135.	3.8	56
58	Influence of temperature on the permeability of polyacrylamide hydrogels and semi-IPNs with poly(N-isopropylacrylamide). Journal of Membrane Science, 2000, 172, 287-293.	8.2	56
59	Preparation and cytotoxicity of N,N,N-trimethyl chitosan/alginate beads containing gold nanoparticles. International Journal of Biological Macromolecules, 2015, 72, 466-471.	7.5	55
60	Synthesis and characterization of hydrogels formed from a glycidyl methacrylate derivative of galactomannan. International Journal of Pharmaceutics, 2003, 267, 13-25.	5.2	54
61	Optical and morphological characterization of polyacrylamide hydrogel and liquid crystal systems. European Polymer Journal, 2005, 41, 2134-2141.	5.4	54
62	Electrochemical and mechanical properties of hydrogels based on conductive poly(3,4-ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	4.8	54
63	Polyelectrolyte complexes of chitosan/heparin and N,N,N-trimethyl chitosan/heparin obtained at different pH: I. Preparation, characterization, and controlled release of heparin. Colloid and Polymer Science, 2011, 289, 1133-1144.	2.1	54
64	Hydrogels based on chemically modified poly(vinyl alcohol) (PVA-GMA) and PVA-GMA/chondroitin sulfate: Preparation and characterization. EXPRESS Polymer Letters, 2012, 6, 383-395.	2.1	54
65	Hybrid materials for bone tissue engineering from biomimetic growth of hydroxiapatite on cellulose nanowhiskers. Carbohydrate Polymers, 2016, 152, 734-746.	10.2	54
66	Self-assembly of a swollen chitosan/chondroitin sulfate hydrogel by outward diffusion of the chondroitin sulfate chains. Acta Biomaterialia, 2009, 5, 2601-2609.	8.3	53
67	Effect of starch type on miscibility in poly(ethylene oxide) (PEO)/starch blends and cytotoxicity assays. Materials Science and Engineering C, 2011, 31, 443-451.	7.3	53
68	Synthesis and characterization of polyurethane composites of wood waste and polyols from chemically recycled pet. Composites Part A: Applied Science and Manufacturing, 2011, 42, 189-195.	7.6	52
69	Morphology and water affinity of superabsorbent hydrogels composed of methacrylated cashew gum and acrylamide with good mechanical properties. Polymer, 2005, 46, 7867-7873.	3.8	51
70	Polyacrylamide hydrogels and semi-interpenetrating networks (IPNs) with poly(N-isopropylacrylamide): mechanical properties by measure of compressive elastic modulus. Journal of Materials Science: Materials in Medicine, 2001, 12, 879-881.	3.6	50
71	Hydrolysis of post-consume poly(ethylene terephthalate) with sulfuric acid and product characterization by WAXD, 13C NMR and DSC. Polymer Degradation and Stability, 2006, 91, 1326-1332.	5.8	50
72	Polyelectrolyte complexes based on pectinâ€“NH2 and chondroitin sulfate. Carbohydrate Polymers, 2012, 87, 1950-1955.	10.2	50

#	Article	IF	Citations
73	Cellulose nanowhiskers decorated with silver nanoparticles as an additive to antibacterial polymers membranes fabricated by electrospinning. Journal of Colloid and Interface Science, 2018, 531, 705-715.	9.4	50
74	Preparing Silk Fibroin Nanofibers through Electrospinning: Further Heparin Immobilization toward Hemocompatibility Improvement. Biomacromolecules, 2014, 15, 1762-1767.	5.4	49
75	Miscibility of PVC/PEO blends by viscosimetric, microscopic and thermal analyses. European Polymer Journal, 2000, 36, 583-589.	5.4	48
76	Depolymerization of poly(ethylene terephthalate) wastes using ethanol and ethanol/water in supercritical conditions. Journal of Applied Polymer Science, 2006, 101, 2009-2016.	2.6	48
77	Adsorption and controlled release of potassium, phosphate and ammonia from modified Arabic gum-based hydrogel. International Journal of Biological Macromolecules, 2017, 105, 363-369.	7.5	48
78	Thermo-responsive sandwiched-like membranes of IPN-PNIPAAm/PAAm hydrogels. Journal of Membrane Science, 2006, 275, 187-194.	8.2	47
79	Novel thermo-responsive membranes composed of interpenetrated polymer networks of alginate-Ca2+ and poly(N-isopropylacrylamide). Polymer, 2005, 46, 2668-2674.	3.8	46
80	Thermo-sensitive IPN hydrogels composed of PNIPAAm gels supported on alginate-Ca2+ with LCST tailored close to human body temperature. Polymer Testing, 2006, 25, 961-969.	4.8	46
81	Structural, thermal, optical properties and cytotoxicity of PMMA/ZnO fibers and films: Potential application in tissue engineering. Applied Surface Science, 2016, 385, 257-267.	6.1	46
82	Polyelectrolyte complexes based on alginate/tanfloc: Optimization, characterization and medical application. International Journal of Biological Macromolecules, 2017, 103, 129-138.	7.5	46
83	Reaction of pectin and glycidyl methacrylate and ulterior formation of free films by reticulation. International Journal of Pharmaceutics, 2008, 355, 184-194.	5.2	45
84	Albumin release from a brain-resembling superabsorbent magnetic hydrogel based on starch. Soft Matter, 2012, 8, 6629.	2.7	45
85	A sensitive electrochemical sensor for Pb2+ ions based on ZnO nanofibers functionalized by L-cysteine. Journal of Molecular Liquids, 2020, 309, 113041.	4.9	45
86	Poly(acrylamide-co-acrylate)/rice husk ash hydrogel composites. II. Temperature effect on rice husk ash obtention. Composites Part B: Engineering, 2013, 51, 246-253.	12.0	43
87	Correlation of dye solubility in supercritical carbon dioxide. Journal of Supercritical Fluids, 2007, 40, 163-169.	3.2	42
88	PET depolymerisation in supercritical ethanol catalysed by [Bmim][BF₄]. RSC Advances, 2014, 4, 20308-20316.	3.6	42
89	N,N-Dimethyl chitosan/heparin polyelectrolyte complex vehicle for efficient heparin delivery. International Journal of Biological Macromolecules, 2015, 75, 186-191.	7.5	42
90	Chitosan/gellan gum ratio content into blends modulates the scaffolding capacity of hydrogels on bone mesenchymal stem cells. Materials Science and Engineering C, 2020, 106, 110258.	7.3	42

#	Article	IF	Citations
91	Bactericidal activity of hydrogel beads based on N,N,N-trimethyl chitosan/alginate complexes loaded with silver nanoparticles. Chinese Chemical Letters, 2015, 26, 1129-1132.	9.0	41
92	Polymer blends based on PEO and starch: Miscibility and spherulite growth rate evaluated through DSC and optical microscopy. Materials Science and Engineering C, 2009, 29, 499-504.	7.3	40
93	One-pot synthesis of a chitosan-based hydrogel as a potential device for magnetic biomaterial. Journal of Magnetism and Magnetic Materials, 2009, 321, 2636-2642.	2.3	40
94	Polyelectrolyte complexes of poly[(2-dimethylamino) ethyl methacrylate]/chondroitin sulfate obtained at different pHs: I. Preparation, characterization, cytotoxicity and controlled release of chondroitin sulfate. International Journal of Pharmaceutics, 2014, 477, 197-207.	5.2	40
95	Chondroitin sulfate immobilization at the surface of electrospun nanofiber meshes for cartilage tissue regeneration approaches. Applied Surface Science, 2017, 403, 112-125.	6.1	39
96	First report of electrospun cellulose acetate nanofibers mats with chitin and chitosan nanowhiskers: Fabrication, characterization, and antibacterial activity. Carbohydrate Polymers, 2020, 250, 116954.	10.2	39
97	Deposition of copper sulfide on modified low-density polyethylene surface: morphology and electrical characterization. Applied Surface Science, 2002, 202, 223-231.	6.1	38
98	Phase behavior and process parameters effects on the characteristics of precipitated theophylline using carbon dioxide as antisolvent. Journal of Supercritical Fluids, 2008, 44, 8-20.	3.2	38
99	Advanced fibroblast proliferation inhibition for biocompatible coating by electrostatic layer-by-layer assemblies of heparin and chitosan derivatives. Journal of Colloid and Interface Science, 2016, 474, 9-17.	9.4	38
100	Antibacterial Performance of a PCLâ€“PDMAEMA Blend Nanofiber-Based Scaffold Enhanced with Immobilized Silver Nanoparticles. ACS Applied Materials & Interfaces, 2017, 9, 9304-9314.	8.0	38
101	Water affinity and permeability in membranes of alginate-Ca2+ containing poly(n-isopropylacrylamide). Journal of Membrane Science, 2002, 210, 129-136.	8.2	37
102	Hydrogel nanocomposite based on starch and Co-doped zinc ferrite nanoparticles that shows magnetic field-responsive drug release changes. Journal of Molecular Liquids, 2015, 210, 100-105.	4.9	37
103	Curcumin and silver nanoparticles carried out from polysaccharide-based hydrogels improved the photodynamic properties of curcumin through metal-enhanced singlet oxygen effect. Materials Science and Engineering C, 2020, 112, 110853.	7.3	37
104	Synthesis of Hollow-Structured Nano- and Microspheres from Pectin in a Nanodroplet Emulsion. Langmuir, 2009, 25, 2473-2478.	3.5	36
105	Grafting of glycidyl methacrylate onto polypropylene using supercritical carbon dioxide. European Polymer Journal, 2005, 41, 2176-2182.	5.4	35
106	Sulfated Glycosaminoglycan-Based Block Copolymer: Preparation of Biocompatible Chondroitin Sulfate-b-poly(lactic acid) Micelles. Biomacromolecules, 2014, 15, 2691-2700.	5.4	35
107	Shielding effect of â€˜surface ion pairsâ€™ on physicochemical and bactericidal properties of N,N,N-trimethyl chitosan salts. Carbohydrate Research, 2015, 402, 252-260.	2.3	35
108	In situ growth of manganese oxide nanosheets over titanium dioxide nanofibers and their performance as active material for supercapacitor. Journal of Colloid and Interface Science, 2019, 555, 373-382.	9.4	35

#	Article	IF	Citations
109	Synthesis and Water Absorption Transport Mechanism of a pH-Sensitive Polymer Network Structured on Vinyl-Functionalized Pectin. Biomacromolecules, 2009, 10, 190-196.	5.4	34
110	Glyco-Nanoparticles Made from Self-Assembly of Maltoheptaose-block-Poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td	5.4	34
111	Synthesis, characterization and sorption studies of aromatic compounds by hydrogels of chitosan blended with Î²-cyclodextrin- and PVA-functionalized pectin. RSC Advances, 2018, 8, 14609-14622.	3.6	34
112	Polyelectrolyte complex containing silver nanoparticles with antitumor property on Caco-2 colon cancer cells. International Journal of Biological Macromolecules, 2015, 79, 748-755.	7.5	33
113	Synthesis and controlled curcumin supramolecular complex release from pH-sensitive modified gum-arabic-based hydrogels. RSC Advances, 2015, 5, 94519-94533.	3.6	33
114	Extent of shielding by counterions determines the bactericidal activity of N,N,N-trimethyl chitosan salts. Carbohydrate Polymers, 2016, 137, 418-425.	10.2	33
115	Recent Advances in Designing Hydrogels from Chitin and Chitin-Derivatives and their Impact on Environment and Agriculture: A Review. Revista Virtual De Quimica, 2017, 9, 370-386.	0.4	33
116	Polysaccharide-Based Materials Associated with or Coordinated to Gold Nanoparticles: Synthesis and Medical Application. Current Medicinal Chemistry, 2017, 24, 2701-2735.	2.4	33
117	Thermo- and pH-sensitive IPN hydrogels based on PNIPAAm and PVA-Ma networks with LCST tailored close to human body temperature. Materials Science and Engineering C, 2012, 32, 1259-1265.	7.3	32
118	Effects of europium (III) acetylacetonate doping on the miscibility and photoluminescent properties of polycarbonate and poly(methyl methacrylate) blends. Polymer, 2005, 46, 253-259.	3.8	31
119	Analysis of poly(N-isopropylacrylamide) grafted onto the surface of PET films by SI-ATRP technique. Materials Science and Engineering C, 2009, 29, 594-598.	7.3	30
120	Temperature and pH effects on the stability and rheological behavior of the aqueous suspensions of smart polymers based on Nâ€isopropylacrylamide, chitosan, and acrylic acid. Journal of Applied Polymer Science, 2013, 129, 334-345.	2.6	30
121	Polysaccharide-based adsorbents prepared in ionic liquid with high performance for removing Pb(II) from aqueous systems. Carbohydrate Polymers, 2019, 215, 272-279.	10.2	29
122	Electrospinning in the preparation of an electrochemical sensor based on carbon nanotubes. Journal of Molecular Liquids, 2020, 298, 112068.	4.9	29
123	Multiple hydrophilic polymer ultra-thin layers covalently anchored to polyethylene films. Polymer, 2008, 49, 4066-4075.	3.8	28
124	Maleimide Immobilized on a PE Surface: Preparation, Characterization and Application as a Free-Radical Photoinitiator. Langmuir, 2009, 25, 873-880.	3.5	28
125	Drug release mechanisms of chemically cross-linked albumin microparticles: Effect of the matrix erosion. Colloids and Surfaces B: Biointerfaces, 2014, 122, 404-413.	5.0	28
126	Preparation and characterization of hydrophilic, spectroscopic, and kinetic properties of hydrogels based on polyacrylamide and methylcellulose polysaccharide. Journal of Applied Polymer Science, 2011, 120, 3004-3013.	2.6	27

#	Article	IF	Citations
127	Hydroxyapatite nanowhiskers embedded in chondroitin sulfate microspheres as colon targeted drug delivery systems. Journal of Materials Chemistry B, 2015, 3, 6837-6846.	5.8	27
128	Miscibility of PVC/EVA hydrolysed blends by viscosimetric, microscopic and thermal analysis. European Polymer Journal, 1997, 33, 1651-1658.	5.4	26
129	Kinetic study of Chondroitin Sulphate release from Chondroitin Sulphate/Chitosan complex hydrogel. Journal of Molecular Liquids, 2010, 156, 28-32.	4.9	26
130	Polymer-polymer miscibility in PEO/cationic starch and PEO/hydrophobic starch blends. EXPRESS Polymer Letters, 2010, 4, 488-499.	2.1	26
131	Chitosan/iota-carrageenan/curcumin-based materials performed by precipitating miscible solutions prepared in ionic liquid. Journal of Molecular Liquids, 2019, 290, 111199.	4.9	26
132	Films based on mixtures of zein, chitosan, and PVA: Development with perspectives for food packaging application. Polymer Testing, 2021, 101, 107279.	4.8	26
133	Incorporation of disperse dye in N,N-dimethylacrylamide modified poly(ethylene terephthalate) fibers with supercritical CO2. Journal of Supercritical Fluids, 2001, 19, 177-185.	3.2	25
134	Effect of stoichiometry and pH on the structure and properties of Chitosan/Chondroitin sulfate complexes. Colloid and Polymer Science, 2011, 289, 1739-1748.	2.1	25
135	Solvent effects on the miscibility of PMMA/PVAc blends: II. Using two-dimensional NMR method, NOESY. Polymer, 2000, 41, 933-945.	3.8	24
136	Adhesion, growth and detachment of cells on modified polystyrene surface. Cytotechnology, 2001, 36, 49-53.	1.6	24
137	Surface modification of polystyrene and poly(ethylene terephtalate) by grafting poly(N-isopropylacrylamide). Journal of Materials Science: Materials in Medicine, 2002, 13, 1175-1180.	3.6	24
138	Spectroscopic properties of polycarbonate and poly(methyl methacrylate) blends doped with europium (III) acetylacetonate. Journal of Luminescence, 2006, 117, 61-67.	3.1	24
139	Nanometer- and Submicrometer-Sized Hollow Spheres of Chondroitin Sulfate as a Potential Formulation Strategy for Anti-inflammatory Encapsulation. Pharmaceutical Research, 2009, 26, 438-444.	3.5	24
140	PET depolimerization in supercritical ethanol conditions catalysed by nanoparticles of metal oxides. Journal of Supercritical Fluids, 2020, 158, 104715.	3.2	24
141	Magnetic-responsive polysaccharide hydrogels as smart biomaterials: Synthesis, properties, and biomedical applications. Carbohydrate Polymers, 2022, 292, 119665.	10.2	24
142	Phase Behavior of Binary and Ternary Systems Involving Carbon Dioxide, Propane, and Glycidyl Methacrylate at High Pressure. Journal of Chemical & Engineering Data, 2006, 51, 686-690.	1.9	23
143	Addition of methacryloil groups to poly(vinyl alcohol) in DMSO catalyzed by TEMED: Optimization through response surface methodology. Polymer Testing, 2006, 25, 377-383.	4.8	23
144	Bactericidal Pectin/Chitosan/Glycerol Films for Food Pack Coatings: A Critical Viewpoint. International Journal of Molecular Sciences, 2020, 21, 8663.	4.1	23

#	Article	IF	Citations
145	Magnetic chitosan microgels: Synthesis, characterization, and evaluation of magnetic field effect over the drug release behavior. Carbohydrate Polymers, 2020, 250, 116879.	10.2	23
146	Superabsorbent hydrogel composed of covalently crosslinked gum arabic with fast swelling dynamics. Journal of Applied Polymer Science, 2008, 107, 1500-1506.	2.6	22
147	Synthesis and characterization of ZnO/PET composite using supercritical carbon dioxide impregnation technology. Composites Part A: Applied Science and Manufacturing, 2011, 42, 757-761.	7.6	22
148	Synthesis and characterization of chitosanâ€graftâ€poly(acrylic acid)/nontronite hydrogel composites based on a design of experiments. Journal of Applied Polymer Science, 2013, 128, 3480-3489.	2.6	22
149	Oligomer production through glycolysis of poly(ethylene terephthalate): effects of temperature and water content on reaction extent. Polymer International, 2016, 65, 1024-1030.	3.1	22
150	Antimicrobial and cytocompatible chitosan, N,N,N-trimethyl chitosan, and tanfloc-based polyelectrolyte multilayers on gellan gum films. International Journal of Biological Macromolecules, 2021, 183, 727-742.	7.5	22
151	Birefringent hydrogels based on PAAm and lyotropic liquid crystal: Optical, morphological and hydrophilic characterization. European Polymer Journal, 2006, 42, 2781-2790.	5.4	21
152	Hydrogels composite of poly(acrylamideâ€coâ€acrylate) and rice husk ash. I. Synthesis and characterization. Journal of Applied Polymer Science, 2012, 123, 879-887.	2.6	21
153	Synthesis, characterization, and cytotoxicity of TMC-graft-poly(vinyl alcohol) copolymers. Carbohydrate Research, 2013, 381, 153-160.	2.3	20
154	Magnetic microspheres composite from poly(ethylene terephthalate) (PET) waste: Synthesis and characterization. Journal of Cleaner Production, 2018, 198, 979-986.	9.3	20
155	The effect of methacrylation on the behavior of Gum Arabic as pH-responsive matrix for colon-specific drug delivery. European Polymer Journal, 2016, 78, 326-339.	5.4	19
156	Manufacturing micro/nano chitosan/chondroitin sulfate curcumin-loaded hydrogel in ionic liquid: A new biomaterial effective against cancer cells. International Journal of Biological Macromolecules, 2021, 180, 88-96.	7.5	19
157	Polychloroprene degradation by a Photo-Fenton process. Polymer Degradation and Stability, 2005, 87, 425-432.	5.8	18
158	Development of a new topological index for the prediction of normal boiling point temperatures of hydrocarbons: The Fi index. Journal of Molecular Liquids, 2012, 165, 125-132.	4.9	18
159	Calcium Carbonate Crystallization on a Polyethylene Surface Containing Ultrathin Layers of Hydrophilic Polymers. Crystal Growth and Design, 2009, 9, 3307-3312.	3.0	17
160	Formulation of chloroaluminum phthalocyanine incorporated into PS-b-PAA diblock copolymer nanomicelles. Journal of Molecular Liquids, 2018, 271, 949-958.	4.9	17
161	Crystallisation and miscibility of poly(ethylene oxide)/poly(vinyl chloride) blends. Journal of Materials Science, 2003, 38, 699-703.	3.7	16
162	Synthesis of Ag-PVA and Ag-PVA/PET-s20 composites by supercritical CO2 method and study of silver nanoparticle growth. Journal of the Brazilian Chemical Society, 2008, 19, 1224-1229.	0.6	16

#	Article	IF	Citations
163	Polycaprolactone nanoparticles containing encapsulated progesterone prepared using a scCO2 emulsion drying technique. Materials Letters, 2014, 124, 197-200.	2.6	16
164	Effect of chitin nanowhiskers on mechanical and swelling properties of Gum Arabic hydrogels nanocomposites. Carbohydrate Polymers, 2021, 266, 118116.	10.2	16
165	Optimization of the carrot leaf dehydration aiming at the preservation of omega-3 fatty acids. Quimica Nova, 2009, 32, 1334-1337.	0.3	15
166	Miscibility influence in the thermal stability and kinetic parameters of poly (3-hydroxybutyrate)/poly (ethylene terephthalate) sulphonated blends. Polimeros, 2010, 20, 153-158.	0.7	15
167	Release of DNA from cryogel PVA-DNA membranes. EXPRESS Polymer Letters, 2010, 4, 480-487.	2.1	15
168	Twoâ€step synthesis and properties of a magneticâ€fieldâ€sensitive modified maltodextrinâ€based hydrogel. Polymer International, 2011, 60, 1324-1333.	3.1	15
169	Designing nanostructured microspheres with well-defined outlines by mixing carboxyl-functionalized amylose and magnetite via ultrasound. Chemical Engineering Journal, 2012, 189-190, 456-463.	12.7	15
170	Preparation of Polymeric Micelles of Poly(Ethylene Oxide-b-Lactic Acid) and their Encapsulation With Lavender Oil. Materials Research, 2016, 19, 1356-1365.	1.3	15
171	Kinetic Study of Bovine Serum Albumin (BSA) Released from Alginateâ€Ca²⁺/PNIPAAm Hydrogels. Macromolecular Symposia, 2008, 266, 108-113.	0.7	14
172	CorrelaÃ§Ã£o entre parÃ¢metros da cinÃ©tica de intumescimento com caracterÃsticas estruturais e hidrofÃlicas de hidrogÃ©is de poliacrilamida e metilcelulose. Quimica Nova, 2009, 32, 1482-1490.	0.3	14
173	Hydrogels Nanocomposites Based on Crystals, Whiskers and Fibrils Derived from Biopolymers. Advanced Structured Materials, 2015, , 43-71.	0.5	14
174	Sustained release of potassium diclofenac from a p<scp>H</scp>â€responsive hydrogel based on gum arabic conjugates into simulated intestinal fluid. Journal of Applied Polymer Science, 2016, 133, .	2.6	14
175	Polypropylene grafted with glycidyl methacrylate using supercritical CO2 medium. Brazilian Journal of Chemical Engineering, 2006, 23, 267-271.	1.3	13
176	HidrogÃ©is semi-IPN baseados em rede de alginato-Ca2+ com PNIPAAm entrelaÃ§ado: propriedades hidrofÃlicas, morfolÃ³gicas e mecÃ¢nicas. Polimeros, 2008, 18, 132-137.	0.7	13
177	Polychloroprene Degradation by Photo-Fenton. Conductivity Measures as New Approach for Detecting/Evaluation of Degradation Products. Journal of Polymers and the Environment, 2010, 18, 668-673.	5.0	13
178	Optical, morphological and dielectric characterization of MBBA liquid crystal-doped hydrogels. Journal of Molecular Liquids, 2017, 229, 319-329.	4.9	13
179	The Inclusion of Chitosan in Poly-Îµ-caprolactone Nanoparticles: Impact on the Delivery System Characteristics and on the Adsorbed Ovalbumin Secondary Structure. AAPS PharmSciTech, 2018, 19, 101-113.	3.3	13
180	Influence of process variables on the yield and diameter of zein-poly(Nâ€‘isopropylacrylamide) fiber blends obtained by electrospinning. Journal of Molecular Liquids, 2019, 292, 109971.	4.9	13

#	Article	IF	Citations
181	Sub- and supercritical D-limonene technology as a green process to recover glass fibres from glass fibre-reinforced polyester composites. Journal of Cleaner Production, 2020, 254, 119984.	9.3	13
182	Functionalization of poly(vinyl alcohol) by addition of methacryloyl groups: characterization by FTIR and NMR and optimization of reaction conditions by RSM. E-Polymers, 2006, 6, .	3.0	12
183	Degradation of polychloroprene/natural rubber (PCP/NR) blends by photo-Fenton process. Polymer Degradation and Stability, 2008, 93, 601-607.	5.8	12
184	Solid-state radical grafting reaction of glycidyl methacrylate and poly(4-methyl-1-pentene) in supercritical carbon dioxide: Surface morphology and adhesion. Journal of Colloid and Interface Science, 2011, 361, 331-337.	9.4	12
185	Self-Assembly of Oligosaccharide-b-PMMA Block Copolymer Systems: Glyco-Nanoparticles and Their Degradation under UV Exposure. Langmuir, 2016, 32, 4538-4545.	3.5	12
186	Shear influence on the phase separation of oligomer blends. Macromolecular Chemistry and Physics, 1994, 195, 1257-1271.	2.2	11
187	Thermal and scanning electron microscopy/energy-dispersive spectroscopy analysis of styrene-butadiene rubber-butadiene rubber/silicon dioxide and styrene-butadiene rubber-butadiene rubber/carbon black-silicon dioxide composites. Journal of Applied Polymer Science, 2005, 96, 2273-2279.	2.6	11
188	Growth of hydrogel nano- and microlayers covalently bounded onto PE surface. Applied Surface Science, 2009, 255, 6345-6354.	6.1	11
189	Drug carrier systems made from self-assembled glyco-nanoparticles of maltoheptaose-b-polyisoprene enhanced the distribution and activity of curcumin against cancer cells. Journal of Molecular Liquids, 2020, 309, 113022.	4.9	11
190	Polymer-polymer miscibility evaluation by acoustic emission. Die Makromolekulare Chemie Rapid Communications, 1992, 13, 45-53.	1.1	10
191	Evaluation of the thermophysical properties of modified and dyed poly(ethylene terephthalate) films. Journal Physics D: Applied Physics, 2001, 34, 2248-2254.	2.8	10
192	Silk fibroin nanofibers electrospun on glass fiber as a potential device for solid phase microextraction. Journal of Applied Polymer Science, 2015, 132, n/a-n/a.	2.6	10
193	Morfologia de hidrogÃ©is-ipn termo-sensÃveis e ph-responsivos para aplicaÃ§Ã£o como biomaterial na cultura de cÃ©lulas. Polimeros, 2009, 19, 105-110.	0.7	9
194	PS-b-PAA nanovesicles coated by modified PEIs bearing hydrophobic and hydrophilic groups. Journal of Molecular Liquids, 2015, 210, 29-36.	4.9	9
195	Uncommon Sorption Mechanism of Aromatic Compounds onto Poly(Vinyl Alcohol)/Chitosan/Maleic Anhydride-Î²-Cyclodextrin Hydrogels. Polymers, 2020, 12, 877.	4.5	9
196	Influence of iron(III) chloride on the degradation of the polyisoprene and polybutadiene. Polymer Degradation and Stability, 2000, 67, 239-247.	5.8	8
197	Study of cross-linking process in grafted polyethylene and ethylene based copolymer using a phase resolved photoacoustic method. Review of Scientific Instruments, 2003, 74, 325-327.	1.3	8
198	Copolymer hydrogel microspheres consisting of modified sulfate chondroitinâ€coâ€poly(Nâ€isopropylacrylamide). Journal of Applied Polymer Science, 2011, 121, 2726-2733.	2.6	8

#	Article	IF	Citations
199	Synthesis of a thermosensitive surface by construction of a thin layer of poly (N-isopropylacrylamide) on maleimide-immobilized polypropylene. Journal of Colloid and Interface Science, 2012, 367, 494-501.	9.4	8
200	Incorporation of theophylline in a chitosan/chondroitin sulfate hydrogel matrix: In vitro release studies and mechanical properties according to pH changes. Journal of Applied Polymer Science, 2013, 128, 3417-3424.	2.6	8
201	SÃntese e caracterizaÃ§Ã£o de hidrogÃ©is compÃ³sitos a partir de copolÃmeros acrilamida-acrilato e caulim: efeito da constituiÃ§Ã£o de diferentes caulins do nordeste brasileiro. Quimica Nova, 2013, 36, 40-45.	0.3	8
202	Poisoning Effects of Water and Dyes on the [Bmim][BF4] Catalysis of Poly(Ethylene Terephthalate) (PET) Depolymerization under Supercritical Ethanol. Catalysts, 2017, 7, 43.	3.5	8
203	Photophysics and drug delivery behavior of methylene blue into Arabic-gum based hydrogel matrices. Materials Today Communications, 2021, 26, 101889.	1.9	8
204	Photoacoustic study of PET films and fibers dyed in supercritical CO2 reactor. Review of Scientific Instruments, 2003, 74, 328-330.	1.3	7
205	Anthraquinone and Azo Dyes in Dyeing Processes of PET Films and PET Knitted Fabrics Using Supercritical CO2 Medium. Macromolecular Symposia, 2005, 229, 150-159.	0.7	7
206	Optimization of dye incorporation into modified poly(ethylene terephthalate) knitted fabrics by response surface methodology. Dyes and Pigments, 2007, 75, 378-384.	3.7	7
207	Square Wave Voltammetry in the Determination of Ni2+ and Al3+ in Biological Sample. Analytical Sciences, 2008, 24, 1443-1447.	1.6	7
208	DNAâ€“poly(vinyl alcohol) gel matrices: Release properties are strongly dependent on electrolytes and cationic surfactants. Colloids and Surfaces B: Biointerfaces, 2013, 101, 111-117.	5.0	7
209	Glycerol-derived polyurethane nanocomposites containing cellulose nanowhiskers - doi: 10.4025/actascitechnol.v35i4.20276. Acta Scientiarum - Technology, 2013, 35, .	0.4	7
210	Chitosan/heparin blends in ionic liquid produce polyelectrolyte complexes that quickly adsorb citrate-capped silver nanoparticles, forming bactericidal composites. Journal of Molecular Liquids, 2021, 330, 115548.	4.9	7
211	Chemical Recycling of Poly(ethylene terephthalate) (PET) by Alkaline Hydrolysis and Catalyzed Glycolysis. Orbital, 2018, 10, .	0.3	7
212	Some kinetic parameters of the degradation of natural rubber induced by chloranil and iron (III) chloride, in solution. Polymer Degradation and Stability, 2003, 79, 325-331.	5.8	6
213	Phase equilibrium behavior of a system with N,N-dimethylacrylamide, CO2 and disperse dye. Journal of Supercritical Fluids, 2006, 38, 319-325.	3.2	6
214	Covalent Albumin Microparticles as an Adjuvant for Production of Mucosal Vaccines against Hepatitis B. Biomacromolecules, 2013, 14, 3231-3237.	5.4	6
215	Interactions between copper(II) dibrominated salen complex and copolymeric micelles of P-123 and F-127. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 583-591.	4.7	6
216	Hydrogels Based on Chitosan and Chitosan Derivatives for Biomedical Applications. , 0, , .		6

#	Article	IF	Citations
217	Characterization of novel thermoresponsive poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (adipate-co-terephthal 1157-1176.	3.3	6
218	Experimental design to evaluate properties of electrospun fibers of zein/poly (ethylene oxide) for biomaterial applications. Journal of Applied Polymer Science, 2021, 138, 50898.	2.6	6
219	Hosted Formation of PbS Crystals on Polyethylene Modified Surface. Journal of the Brazilian Chemical Society, 2013, 24, 336-343.	0.6	6
220	Silk fibroin nanofibers containing chondroitin sulfate and silver sulfadiazine for wound healing treatment. Journal of Drug Delivery Science and Technology, 2022, 70, 103221.	3.0	6
221	Degradation of polyisoprene induced by chloranil. Polymer Degradation and Stability, 1998, 60, 309-315.	5.8	5
222	Low-resistance films of polyimides with impregnated copper sulfide. Journal of Materials Research, 2001, 16, 3097-3106.	2.6	5
223	ModificaÃ§Ã£o quÃmica de poli(tereftalato de etileno) pÃ³s-consumo por reaÃ§Ã£o com Ã¡cido sulfÃºrico: estrutura e propriedades. Polimeros, 2005, 15, 27-32.	0.7	5
224	CaracterizaÃ§Ã£o de hidrogÃ©is condutores constituÃdos por PAAm e PEDOT/PSS por meio de planejamento fatorial. Polimeros, 2008, 18, 126-131.	0.7	5
225	NOVEL SUPERABSORBENT HYDROGEL COMPOSITE BASED ON POLY(ACRYLAMIDE-CO-ACRYLATE)/NONTRONITE: CHARACTERIZATION AND SWELLING PERFORMANCE. Quimica Nova, 2015, , .	0.3	5
226	Poly(ethylene terephthalate) films coated with antimicrobial gelatin/chondroitin sulfate polyelectrolyte multilayers containing ionic liquids. Progress in Organic Coatings, 2022, 170, 106997.	3.9	5
227	Photoacoustic spectroscopy for monitoring the dyeing process of poly(ethylene terephthalate). Analyst, The, 2002, 127, 310-314.	3.5	4
228	ResistÃªncia mecÃ¢nica de hidrogÃ©is termo-sensÃveis constituÃdos de Alginato-Ca2+ / PNIPAAm, tipo Semi-IPN. Quimica Nova, 2007, 30, 1649-1652.	0.3	4
229	Electrospun fibers of poly (vinyl alcohol): zinc acetate (PVA:AcZn) and further ZnO production: evaluation of PVA:AcZn ratio and annealing temperature effects on ZnO structure. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	4
230	Obtaining and characterization of PBAT/PLA fibers containing zinc phthalocyanine prepared by the electrospinning method. Journal of Thermal Analysis and Calorimetry, 2022, 147, 4579-4587.	3.6	4
231	Thermo- and pH-Responsive Gelatin/Polyphenolic Tannin/Graphene Oxide Hydrogels for Efficient Methylene Blue Delivery. Molecules, 2021, 26, 4529.	3.8	4
232	Synthesis of bolaform surfactants from recycled poly(ethylene terephthalate) waste. Journal of Cleaner Production, 2021, 320, 128762.	9.3	4
233	Optimization of pectin extraction using response surface methodology: A bibliometric analysis. Carbohydrate Polymer Technologies and Applications, 2022, 4, 100229.	2.6	4
234	Preferential wetting of oligomeric ethylene glycol/propylene glycol blends on solid surfaces. Acta Polymerica, 1994, 45, 110-114.	0.9	3

#	Article	IF	Citations
235	Synthesis of luminescent polycarbonate grafted with methyl methacrylate/europium complex using supercritical CO2 technology as a green chemistry method. Journal of Materials Science, 2012, 47, 4965-4971.	3.7	3
236	Miscibility studies on polychloroprene/natural rubber (PCP/NR) blends by dilute solution viscometry (DSV) and scanning electronic microscopy (SEM) methods. Journal of Molecular Liquids, 2014, 190, 146-150.	4.9	3
237	Transport properties of ephedrine hydrochloride through poly(vinyl alcohol) matricesâ€"a simple method for enantiomeric differentiation. Colloid and Polymer Science, 2014, 292, 1665-1673.	2.1	3
238	Smart hydrogel beads with potential therapeutic target in Caco-2 colon cancer cells. Journal of Controlled Release, 2015, 213, e29.	9.9	3
239	Photoacoustic Characterization of PC/PMMA blends doped with Eu(acac)3. European Physical Journal Special Topics, 2005, 125, 387-390.	0.2	2
240	Copper sulfide coated polysulfone films. Applied Surface Science, 2006, 252, 3707-3713.	6.1	2
241	Polychloroprene degradation by a photo-Fenton process: The effect of solvent. Journal of Molecular Liquids, 2010, 157, 146-150.	4.9	2
242	Polyelectrolyte complexes of poly[(2-dimethylamino) ethyl methacrylate]/chondroitin sulfate obtained at different pHs: Preparation, characterization, cytotoxicity and controlled release of chondroitin sulfate. Journal of Controlled Release, 2015, 213, e29-e30.	9.9	2
243	Cytocompatible drug delivery devices based on poly[(2-dimethylamino) ethyl methacrylate]/chondroitin sulfate polyelectrolyte complexes prepared in ionic liquids. Journal of Drug Delivery Science and Technology, 2021, 63, 102520.	3.0	2
244	Synthesis of Reinforced Polyurethane Composites from a Matrix Composed of Recycled PET Oligomers Incorporating Undeveloped Brazilian Pine-Fruit Seeds. Journal of Polymers and the Environment, 2022, 30, 2955-2963.	5.0	2
245	PAAm and PEDOT/PSS hydrogel as potential electroactive devices: evaluation of surface and hydrophilic properties. E-Polymers, 2008, 8, .	3.0	1
246	IPN hydrogels based on PNIPAAm and PVA-Ma networks: characterization through measure of LCST, swelling ratio and mechanical properties. Acta Scientiarum - Technology, 2012, 34, .	0.4	1
247	The influence of chondroitin sulfate on composite multilamellar liposomes containing chitosan. Colloid and Polymer Science, 2013, 291, 1057-1064.	2.1	1
248	Drug release mechanisms of chemically cross-linked albumin microparticles: Effect of the matrix erosion. Journal of Controlled Release, 2015, 213, e8.	9.9	1
249	Synthetic chlorin derivative self-prevented from aggregation: Behavior in homogeneous medium for PDT applications. Journal of Molecular Liquids, 2020, 320, 114363.	4.9	1
250	Application of a polyelectrolyte complex based on biocompatible polysaccharides for colorectal cancer inhibition. Carbohydrate Research, 2021, 499, 108194.	2.3	1
251	Outstanding Features of Starch-based Hydrogel Nanocomposites. RSC Green Chemistry, 2015, , 236-262.	0.1	1
252	Release of Vitamin B12and Diclofenac Potassium fromN,N-dimethylacrylamide-modified Arabic Gum Hydrogels - the Partition-Diffusion Model. Journal of the Brazilian Chemical Society, 2014, , .	0.6	1

#	Article	IF	Citations
253	Optimization of dying variables in PET: Using thermal diffusivity response as a probe in a multivariable algorithm. European Physical Journal Special Topics, 2005, 125, 573-576.	0.2	0
254	The synthesis and capacitive properties of poly(3,4- ethylene dioxythiophene)/poly(styrene-sulfonate) and poly (acrylamide) conducting hydrogels. E-Polymers, 2007, 7, .	3.0	0
255	MECHANICAL AND STRUCTURAL CHARACTERIZATION OF A PDLC DEVICE BASED ON PAAm HYDROGELS AND KL-DeOH-H2O LYOTROPIC LIQUID CRYSTAL. Quimica Nova, 2014, , .	0.3	0
256	Use of experimental design to obtain polymeric microfibers with carbon nanotubes. Advanced Manufacturing: Polymer and Composites Science, 2020, 6, 115-126.	0.4	0
257	Photodynamic Therapy: Use of Nanocarrier Systems to Improve Its Effectiveness. Engineering Materials, 2021, , 289-316.	0.6	0
258	Preparation and characterization of natural and synthetic humic acids by thermogravimetry analysis. Revista Ibero-americana De CiÃªncias Ambientais, 2020, 11, 12-20.	0.1	0