

# Hermã-nio C De Sousa

## List of Publications by Year in descending order

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127  
papers

5,757  
citations

66343

42  
h-index

85541

71  
g-index

130  
all docs

130  
docs citations

130  
times ranked

6649  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances on the development of wound dressings for diabetic foot ulcer treatment—A review. <i>Acta Biomaterialia</i> , 2013, 9, 7093-7114.	8.3	572
2	A detailed thermodynamic analysis of [C4mim][BF4] + water as a case study to model ionic liquid aqueous solutions. <i>Green Chemistry</i> , 2004, 6, 369-381.	9.0	334
3	Supercritical carbon dioxide-based technologies for the production of drug nanoparticles/nanocrystals — A comprehensive review. <i>Advanced Drug Delivery Reviews</i> , 2018, 131, 22-78.	13.7	173
4	Preparation and chemical and biological characterization of a pectin/chitosan polyelectrolyte complex scaffold for possible bone tissue engineering applications. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 112-118.	7.5	166
5	Development of natural-based wound dressings impregnated with bioactive compounds and using supercritical carbon dioxide. <i>International Journal of Pharmaceutics</i> , 2011, 408, 9-19.	5.2	159
6	Pressure, Isotope, and Water Co-solvent Effects in Liquid-Liquid Equilibria of (Ionic Liquid + Alcohol) Systems. <i>Journal of Physical Chemistry B</i> , 2003, 107, 12797-12807.	2.6	158
7	Effects of drug solubility, state and loading on controlled release in bicomponent electrospun fibers. <i>International Journal of Pharmaceutics</i> , 2010, 397, 50-58.	5.2	144
8	Chitosan-based dressings loaded with neurotensin—an efficient strategy to improve early diabetic wound healing. <i>Acta Biomaterialia</i> , 2014, 10, 843-857.	8.3	130
9	Effect of solvent (CO <sub>2</sub> /ethanol/H <sub>2</sub> O) on the fractionated enhanced solvent extraction of anthocyanins from elderberry pomace. <i>Journal of Supercritical Fluids</i> , 2010, 54, 145-152.	3.2	109
10	Supercritical solvent impregnation of ophthalmic drugs on chitosan derivatives. <i>Journal of Supercritical Fluids</i> , 2008, 44, 245-257.	3.2	101
11	Neurotensin-loaded collagen dressings reduce inflammation and improve wound healing in diabetic mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 32-43.	3.8	101
12	Cubic equation-of-state correlation of the solubility of some anti-inflammatory drugs in supercritical carbon dioxide. <i>Fluid Phase Equilibria</i> , 2006, 239, 188-199.	2.5	100
13	Supercritical fluid-assisted preparation of imprinted contact lenses for drug delivery. <i>Acta Biomaterialia</i> , 2011, 7, 1019-1030.	8.3	99
14	Development of therapeutic contact lenses using a supercritical solvent impregnation method. <i>Journal of Supercritical Fluids</i> , 2010, 52, 306-316.	3.2	97
15	Processing cherries ( <i>Prunus avium</i> ) using supercritical fluid technology. Part 1: Recovery of extract fractions rich in bioactive compounds. <i>Journal of Supercritical Fluids</i> , 2010, 55, 184-191.	3.2	94
16	Anti-glaucoma drug-loaded contact lenses prepared using supercritical solvent impregnation. <i>Journal of Supercritical Fluids</i> , 2010, 53, 165-173.	3.2	86
17	Solubility of Flurbiprofen in Supercritical Carbon Dioxide. <i>Journal of Chemical &amp; Engineering Data</i> , 2004, 49, 449-452.	1.9	84
18	Impregnation of cinnamaldehyde into cassava starch biocomposite films using supercritical fluid technology for the development of food active packaging. <i>Carbohydrate Polymers</i> , 2014, 102, 830-837.	10.2	80

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19	Supercritical processing of starch aerogels and aerogel-loaded poly( $\epsilon$ -caprolactone) scaffolds for sustained release of ketoprofen for bone regeneration. <i>Journal of CO2 Utilization</i> , 2017, 18, 237-249.	6.8	80
20	Development of Greener Multi-Responsive Chitosan Biomaterials Doped with Biocompatible Ammonium Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1480-1492.	6.7	78
21	Spilanthol from <i>Spilanthes acmella</i> flowers, leaves and stems obtained by selective supercritical carbon dioxide extraction. <i>Journal of Supercritical Fluids</i> , 2012, 61, 62-70.	3.2	76
22	Effect of calcium and/or barium crosslinking on the physical and antimicrobial properties of natamycin-loaded alginate films. <i>LWT - Food Science and Technology</i> , 2014, 57, 494-501.	5.2	73
23	Chitosan/alginate based multilayers to control drug release from ophthalmic lens. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 81-89.	5.0	70
24	Wound dressings loaded with an anti-inflammatory <i>Jucã</i> ( <i>Libidibia ferrea</i> ) extract using supercritical carbon dioxide technology. <i>Journal of Supercritical Fluids</i> , 2013, 74, 34-45.	3.2	69
25	Double Critical Phenomena in (Water + Polyacrylamides) Solutions. <i>Macromolecules</i> , 2002, 35, 1887-1895.	4.8	67
26	Phosphonium-based ionic liquids as modifiers for biomedical grade poly(vinyl chloride). <i>Acta Biomaterialia</i> , 2012, 8, 1366-1379.	8.3	62
27	Fractioned High Pressure Extraction of Anthocyanins from Elderberry ( <i>Sambucus nigra</i> L.) Pomace. <i>Food and Bioprocess Technology</i> , 2010, 3, 674-683.	4.7	61
28	Supercritical fluid impregnation of a biocompatible polymer for ophthalmic drug delivery. <i>Journal of Supercritical Fluids</i> , 2007, 42, 373-377.	3.2	59
29	Controlled Release of Antibiotics From Vitamin E-Loaded Silicone-Hydrogel Contact Lenses. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1164-1172.	3.3	59
30	Towards wound dressings with improved properties: Effects of poly(dimethylsiloxane) on chitosan-alginate films loaded with thymol and beta-carotene. <i>Materials Science and Engineering C</i> , 2018, 93, 595-605.	7.3	57
31	Preparation of glyceryl monostearate-based particles by PGSS® Application to caffeine. <i>Journal of Supercritical Fluids</i> , 2007, 43, 120-125.	3.2	55
32	Surface modification of a thermoplastic polyurethane by low-pressure plasma treatment to improve hydrophilicity. <i>Journal of Applied Polymer Science</i> , 2011, 122, 2302-2308.	2.6	54
33	Dexamethasone-loaded poly( $\epsilon$ -caprolactone)/silica nanoparticles composites prepared by supercritical CO2 foaming/mixing and deposition. <i>International Journal of Pharmaceutics</i> , 2013, 456, 269-281.	5.2	53
34	Multifactor analysis on the effect of collagen concentration, cross-linking and fiber/pore orientation on chemical, microstructural, mechanical and biological properties of collagen type I scaffolds. <i>Materials Science and Engineering C</i> , 2017, 77, 333-341.	7.3	53
35	Fractioned SFE of antioxidants from maritime pine bark. <i>Journal of Supercritical Fluids</i> , 2008, 47, 37-48.	3.2	50
36	Porous poly( $\epsilon$ -caprolactone) implants: A novel strategy for efficient intraocular drug delivery. <i>Journal of Controlled Release</i> , 2019, 316, 331-348.	9.9	50

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37	Solubility of Irgacure® 2959 photoinitiator in supercritical carbon dioxide: Experimental determination and correlation. <i>Journal of Supercritical Fluids</i> , 2008, 45, 272-281.	3.2	48
38	Supercritical solvent impregnation of poly( $\epsilon$ -caprolactone)/poly(oxyethylene-b-oxypropylene-b-oxyethylene) and poly( $\epsilon$ -caprolactone)/poly(ethylene-vinyl acetate) blends for controlled release applications. <i>Journal of Supercritical Fluids</i> , 2008, 47, 93-102.	3.2	48
39	Novel flexible, hybrid aerogels with vinyl- and methyltrimethoxysilane in the underlying silica structure. <i>Journal of Materials Science</i> , 2016, 51, 6781-6792.	3.7	48
40	Antifouling foldable acrylic IOLs loaded with norfloxacin by aqueous soaking and by supercritical carbon dioxide technology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 82, 383-391.	4.3	46
41	Influence of natamycin loading methods on the physical characteristics of alginate active films. <i>Journal of Supercritical Fluids</i> , 2013, 76, 74-82.	3.2	46
42	Control of the properties of porous chitosan- $\epsilon$ -alginate membranes through the addition of different proportions of Pluronic F68. <i>Materials Science and Engineering C</i> , 2014, 44, 117-125.	7.3	45
43	Effects of operational conditions on the supercritical solvent impregnation of acetazolamide in Balafilcon A commercial contact lenses. <i>International Journal of Pharmaceutics</i> , 2011, 420, 231-243.	5.2	43
44	Solubility of a spiroindolinonaphthoxazine photochromic dye in supercritical carbon dioxide: Experimental determination and correlation. <i>Fluid Phase Equilibria</i> , 2005, 238, 120-128.	2.5	41
45	Preparation and characterization of flurbiprofen-loaded poly(3-hydroxybutyrate-co-3-hydroxyvalerate) microspheres. <i>Journal of Microencapsulation</i> , 2008, 25, 170-178.	2.8	41
46	Experimental Determination and Correlation of Artemisinin's Solubility in Supercritical Carbon Dioxide. <i>Journal of Chemical &amp; Engineering Data</i> , 2006, 51, 1097-1104.	1.9	40
47	Surface grafting of a thermoplastic polyurethane with methacrylic acid by previous plasma surface activation and by ultraviolet irradiation to reduce cell adhesion. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 371-377.	5.0	40
48	A continuous polydisperse thermodynamic algorithm for a modified flory-Huggins model: The (polystyrene + nitroethane) example. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000, 38, 632-651.	2.1	38
49	Naphthoquinones from Walnut Husk Residues Show Strong Nematicidal Activities against the Root-knot Nematode <i>Meloidogyne hispanica</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3390-3398.	6.7	38
50	Sorption and diffusion of dense carbon dioxide in a biocompatible polymer. <i>Journal of Supercritical Fluids</i> , 2006, 38, 392-398.	3.2	37
51	Measurement and correlation of the solubility of juglone in supercritical carbon dioxide. <i>Fluid Phase Equilibria</i> , 2011, 311, 1-8.	2.5	35
52	Impregnation of an Intraocular Lens for Ophthalmic Drug Delivery. <i>Current Drug Delivery</i> , 2008, 5, 102-107.	1.6	34
53	Processing cherries ( <i>Prunus avium</i> ) using supercritical fluid technology. Part 2. Evaluation of SCF extracts as promising natural chemotherapeutical agents. <i>Journal of Supercritical Fluids</i> , 2011, 55, 1007-1013.	3.2	34
54	Antibacterial layer-by-layer coatings to control drug release from soft contact lenses material. <i>International Journal of Pharmaceutics</i> , 2018, 553, 186-200.	5.2	33

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55	Solubility of Dexamethasone in Supercritical Carbon Dioxide. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 3756-3760.	1.9	32
56	High pressure solvent extraction of maritime pine bark: Study of fractionation, solvent flow rate and solvent composition. <i>Journal of Supercritical Fluids</i> , 2012, 62, 135-148.	3.2	32
57	Recovery of Wine-Must Aroma Compounds by Supercritical CO <sub>2</sub> . <i>Food and Bioprocess Technology</i> , 2008, 1, 74-81.	4.7	30
58	Drug-eluting silicone hydrogel for therapeutic contact lenses: Impact of sterilization methods on the system performance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 537-546.	5.0	30
59	In vitro and in vivo evaluation of an intraocular implant for glaucoma treatment. <i>International Journal of Pharmaceutics</i> , 2011, 415, 73-82.	5.2	28
60	(Liquid + liquid) equilibria of (polystyrene + nitroethane). Molecular weight, pressure, and isotope effects. <i>Journal of Chemical Thermodynamics</i> , 2000, 32, 355-387.	2.0	27
61	Solubility of Diflunisal in Supercritical Carbon Dioxide. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 1990-1995.	1.9	27
62	Solubility of norfloxacin and ofloxacin in supercritical carbon dioxide. <i>Fluid Phase Equilibria</i> , 2012, 331, 6-11.	2.5	27
63	Alkaloids from <i>Chelidonium majus</i> L.: Fractionated supercritical CO <sub>2</sub> extraction with co-solvents. <i>Separation and Purification Technology</i> , 2016, 165, 199-207.	7.9	27
64	Influence of solvent additives on the aqueous extraction of tannins from pine bark: potential extracts for leather tanning. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1169-1182.	3.2	27
65	Therapeutic Ophthalmic Lenses: A Review. <i>Pharmaceutics</i> , 2021, 13, 36.	4.5	27
66	Solubility of Acetazolamide in Supercritical Carbon Dioxide in the Presence of Ethanol as a Cosolvent. <i>Journal of Chemical &amp; Engineering Data</i> , 2005, 50, 216-220.	1.9	25
67	Biodiesel obtained from supercritical carbon dioxide oil of <i>Cynara cardunculus</i> L.. <i>Journal of Supercritical Fluids</i> , 2012, 68, 52-63.	3.2	25
68	Copaiba oil-loaded commercial wound dressings using supercritical CO <sub>2</sub> : A potential alternative topical antileishmanial treatment. <i>Journal of Supercritical Fluids</i> , 2017, 129, 106-115.	3.2	25
69	Moxifloxacin-imprinted silicone-based hydrogels as contact lens materials for extended drug release. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 156, 105591.	4.0	25
70	Improved drug loading/release capacities of commercial contact lenses obtained by supercritical fluid assisted molecular imprinting methods. <i>Journal of Controlled Release</i> , 2010, 148, e102-e104.	9.9	24
71	Supercritical solvent impregnation/deposition of spilanthol-enriched extracts into a commercial collagen/cellulose-based wound dressing. <i>Journal of Supercritical Fluids</i> , 2018, 133, 503-511.	3.2	24
72	Diclofenac sustained release from sterilised soft contact lens materials using an optimised layer-by-layer coating. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119506.	5.2	24

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73	Hydrogels for diabetic eyes: Naltrexone loading, release profiles and cornea penetration. <i>Materials Science and Engineering C</i> , 2019, 105, 110092.	7.3	23
74	Supercritical fluid extraction as a suitable technology to recover bioactive compounds from flowers. <i>Journal of Supercritical Fluids</i> , 2022, 188, 105652.	3.2	23
75	Influence of polymer processing technique on long term degradation of poly( $\mu$ -caprolactone) constructs. <i>Polymer Degradation and Stability</i> , 2013, 98, 44-51.	5.8	22
76	Semi-interpenetrating chitosan/ionic liquid polymer networks as electro-responsive biomaterials for potential wound dressings and iontophoretic applications. <i>Materials Science and Engineering C</i> , 2021, 121, 111798.	7.3	22
77	Toxicity of the bionematicide 1,4-naphthoquinone on non-target soil organisms. <i>Chemosphere</i> , 2017, 181, 579-588.	8.2	21
78	Imprinted hydrogels with LbL coating for dual drug release from soft contact lenses materials. <i>Materials Science and Engineering C</i> , 2021, 120, 111687.	7.3	21
79	Resveratrol-Loaded Hydrogel Contact Lenses with Antioxidant and Antibiofilm Performance. <i>Pharmaceutics</i> , 2021, 13, 532.	4.5	21
80	Stability of triglyceride liquid films on hydrophilic and hydrophobic glasses. <i>Journal of Colloid and Interface Science</i> , 2006, 299, 274-282.	9.4	20
81	A poly( $\mu$ -caprolactone) device for sustained release of an anti-glaucoma drug. <i>Biomedical Materials (Bristol)</i> , 2011, 6, 025003.	3.3	20
82	Statistical mixture design investigation of CO <sub>2</sub> /Ethanol/H <sub>2</sub> O pressurized solvent extractions from tara seed coat. <i>Journal of Supercritical Fluids</i> , 2012, 64, 9-18.	3.2	20
83	Effects of supercritical carbon dioxide processing on the properties of chitosan/alginate membranes. <i>Journal of Supercritical Fluids</i> , 2016, 112, 128-135.	3.2	20
84	Atorvastatin-Eluting Contact Lenses: Effects of Molecular Imprinting and Sterilization on Drug Loading and Release. <i>Pharmaceutics</i> , 2021, 13, 606.	4.5	20
85	Intraocular lenses as drug delivery devices. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120613.	5.2	19
86	Experimental determination and correlation of meloxicam sodium salt solubility in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2012, 63, 40-45.	3.2	18
87	Two-step high pressure solvent extraction of walnut ( <i>Juglans regia</i> L.) husks: scCO <sub>2</sub> + CO <sub>2</sub> /ethanol/H <sub>2</sub> O. <i>Journal of CO<sub>2</sub> Utilization</i> , 2019, 34, 375-385.	6.8	17
88	Moisture Absorption in Ionic Liquid Films. <i>Journal of Physical Chemistry C</i> , 2013, 117, 10454-10463.	3.1	16
89	High Hydrostatic Pressure as Sterilization Method for Drug-Loaded Intraocular Lenses. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 4051-4061.	5.2	16
90	Characterization of iron(III) oxide/hydroxide nanostructured materials produced by sol-gel technology based on the Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O/C <sub>2</sub> H <sub>5</sub> OH/CH <sub>3</sub> CH <sub>2</sub> O system. <i>Materials Chemistry and Physics</i> , 2011, 130, 548-560.	4.0	15

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91	Solubility of all-trans retinoic acid in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2015, 98, 70-78.	3.2	15
92	Improving cell adhesion: development of a biosensor for cell behaviour monitoring by surface grafting of sulfonic groups onto a thermoplastic polyurethane. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2017-2026.	3.6	14
93	Measurement and Correlation of 1,4-Naphthoquinone and of Plumbagin Solubilities in Supercritical Carbon Dioxide. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 4173-4182.	1.9	13
94	Temperature and density effects of the scCO <sub>2</sub> extraction of spilanthol from <i>Spilanthes acmella</i> flowers. <i>Journal of Supercritical Fluids</i> , 2017, 121, 32-40.	3.2	13
95	Supercritical solvent impregnation of natural bioactive compounds in N -carboxybutyl chitosan membranes for the development of topical wound healing applications. <i>Journal of Controlled Release</i> , 2010, 148, e33-e35.	9.9	10
96	Synthesis and Characterization of Co-polymers Based on Methyl Methacrylate and 2-Hexyl Acrylate Containing Naphthopyrans for a Light-Sensitive Contact Lens. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 139-152.	3.5	10
97	Surface grafting of carboxylic groups onto thermoplastic polyurethanes to reduce cell adhesion. <i>Applied Surface Science</i> , 2013, 283, 744-750.	6.1	10
98	Osteogenic poly( $\epsilon$ -caprolactone)/poloxamine homogeneous blends prepared by supercritical foaming. <i>International Journal of Pharmaceutics</i> , 2015, 479, 11-22.	5.2	10
99	Sustainable Electro-Responsive Semi-Interpenetrating Starch/Ionic Liquid Copolymer Networks for the Controlled Sorption/Release of Biomolecules. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10516-10532.	6.7	10
100	Greening perfluorocarbon based nanoemulsions by direct membrane emulsification: Comparative studies with ultrasound emulsification. <i>Journal of Cleaner Production</i> , 2022, 357, 131966.	9.3	10
101	Hypercritically enhanced distortion of a phase diagram: The (polystyrene + acetaldehyde) system. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997, 35, 631-637.	2.1	9
102	Effect of scCO <sub>2</sub> sorption capacity on the total amount of borage oil loaded by scCO <sub>2</sub> impregnation/deposition into a polyurethane-based wound dressing. <i>Journal of Supercritical Fluids</i> , 2016, 115, 1-9.	3.2	9
103	Drug-Loaded Hydrogels for Intraocular Lenses with Prophylactic Action against Pseudophakic Cystoid Macular Edema. <i>Pharmaceutics</i> , 2021, 13, 976.	4.5	9
104	Surface modification of thermoplastic polyurethane in order to enhance reactivity and avoid cell adhesion. <i>Colloid and Polymer Science</i> , 2009, 287, 1469-1474.	2.1	8
105	Electrospun Drug-Eluting Fibers for Biomedical Applications. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2011, , 57-85.	1.0	8
106	Effects of Two Phosphonium-Type Ionic Liquids on the Rheological and Thermomechanical Properties of Emulsion Poly(vinyl chloride)-Based Formulations Plasticized with DINP and CITROFOL. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 16061-16071.	3.7	8
107	Impact of the pinewood nematode on naturally-emitted volatiles and scCO <sub>2</sub> extracts from <i>Pinus pinaster</i> branches: a comparison with <i>P. pinea</i> . <i>Journal of Supercritical Fluids</i> , 2020, 159, 104784.	3.2	8
108	The effects of addition of functional monomers and molecular imprinting on dual drug release from intraocular lens material. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120513.	5.2	8

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109	Intraocular implants loaded with A3R agonist rescue retinal ganglion cells from ischemic damage. <i>Journal of Controlled Release</i> , 2022, 343, 469-481.	9.9	8
110	Sequential scCO <sub>2</sub> drying and sterilisation of alginate-gelatine aerogels for biomedical applications. <i>Journal of Supercritical Fluids</i> , 2022, 184, 105570.	3.2	8
111	Thermal Stability and Non-isothermal Kinetic Analysis of Suspension Poly(vinyl chloride) Films Formulated with Phosphonium-Based Ionic Liquids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 8525-8535.	3.7	7
112	Studies on the formation and stability of perfluorodecalin nanoemulsions by ultrasound emulsification using novel surfactant systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 616, 126315.	4.7	7
113	Eco-friendlier and sustainable natural-based additives for poly(vinyl chloride)-based composites. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 110, 248-261.	5.8	7
114	Juglone and 1,4-Naphthoquinone – Promising Nematicides for Sustainable Control of the Root Knot Nematode <i>Meloidogyne luci</i> . <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	7
115	Adsorbent Derived from <i>Pinus pinaster</i> Tannin for Cationic Surfactant Removal. <i>Journal of Wood Chemistry and Technology</i> , 2012, 32, 28-50.	1.7	6
116	Phosphonium ionic liquids as greener electrolytes for poly(vinyl chloride)-based ionic conducting polymers. <i>RSC Advances</i> , 2016, 6, 88979-88990.	3.6	6
117	Moxifloxacin imprinted silicon based hydrogels for sustained ocular release. <i>Annals of Medicine</i> , 2024, 51, 103-103.	3.8	6
118	Effect of mold assemblies-induced interfaces in the mechanical actuation of electro-responsive ionic liquid-based polycationic hydrogels. <i>Applied Materials Today</i> , 2020, 20, 100711.	4.3	6
119	Effects of Poly(vinyl chloride) Morphological Properties on the Rheology/Aging of Plastics and on the Thermal/Leaching Properties of Films Formulated Using Nonconventional Plasticizers. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 1454-1467.	3.7	5
120	Environmentally-safe scCO <sub>2</sub> P. <i>pinaster</i> branches extracts: Composition and properties. <i>Journal of CO<sub>2</sub> Utilization</i> , 2020, 37, 74-84.	6.8	4
121	Using High-Pressure Technology to Develop Antioxidant-Rich Extracts from Bravo de Esmolfe Apple Residues. <i>Antioxidants</i> , 2021, 10, 1469.	5.1	4
122	Evaluation of the Microbiological Effectiveness of Three Accessible Mask Decontamination Methods and Their Impact on Filtration, Air Permeability and Physicochemical Properties. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6567.	2.6	2
123	Hypercritically enhanced distortion of a phase diagram: The (polystyrene + acetaldehyde) system. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997, 35, 631-637.	2.1	1
124	Biomateriais aplicados ao desenvolvimento de sistemas terapêuticos avançados. , 2015, , .		1
125	Diclofenac sustained release using an LbL coated silicon based hydrogel. <i>Annals of Medicine</i> , 2024, 51, 104-104.	3.8	0
126	Desenvolvimento de aplicações farmacêuticas e biomédicas através de métodos de impregnação/deposição com fluidos supercríticos. , 0, , 309-383.		0



#	ARTICLE	IF	CITATIONS
127	Extração de fitoquímicos com fluidos pressurizados/supercríticos e impregnação destes em biomateriais. , 0, , 555-597.		0