

Ronirik Pioli Vieira

List of Publications by Citations

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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.

32
papers

294
citations

12
h-index

15
g-index

35
ext. papers

465
ext. citations

4.6
avg, IF

4.69
L-index

#	Paper	IF	Citations
32	Advances in atom-transfer radical polymerization for drug delivery applications. <i>European Polymer Journal</i> , 2019 , 115, 45-58	5.2	27
31	Essential oils as additives in active starch-based food packaging films: A review. <i>International Journal of Biological Macromolecules</i> , 2021 , 182, 1803-1819	7.9	27
30	Furcellaran: An innovative biopolymer in the production of films and coatings. <i>Carbohydrate Polymers</i> , 2021 , 252, 117221	10.3	18
29	Kefiran-based films: Fundamental concepts, formulation strategies and properties. <i>Carbohydrate Polymers</i> , 2020 , 246, 116609	10.3	17
28	Effect of low concentrations of SiO nanoparticles on the physical and chemical properties of sodium alginate-based films. <i>Carbohydrate Polymers</i> , 2021 , 269, 118286	10.3	15
27	Kinetic and Thermodynamic Analysis of Anthocyanin Thermal Degradation in Acerola (Malpighia emarginata D.C.) Pulp. <i>Journal of Food Processing and Preservation</i> , 2017 , 41, e13053	2.1	14
26	Styrene ATRP using the new initiator 2,2,2-tribromoethanol: Experimental and simulation approach. <i>Polymer Engineering and Science</i> , 2015 , 55, 2270-2276	2.3	14
25	Optimization of reaction conditions in functionalized polystyrene synthesis via ATRP by simulations and factorial design. <i>Polymer Bulletin</i> , 2016 , 73, 1795-1810	2.4	13
24	Current status of ATRP-based materials for gene therapy. <i>Reactive and Functional Polymers</i> , 2020 , 147, 104453	4.6	13
23	Simulation of temperature effect on the structure control of polystyrene obtained by atom-transfer radical polymerization. <i>Polimeros</i> , 2016 , 26, 313-319	1.6	13
22	Numerical simulation and parametric study of solution ARGET ATRP of styrene. <i>Computational Materials Science</i> , 2016 , 124, 211-219	3.2	13
21	Synthesis and Characterization of Poly(limonene) by Photoinduced Controlled Radical Polymerization. <i>Journal of Polymers and the Environment</i> , 2020 , 28, 2931-2938	4.5	12
20	Kinetic modeling of atom-transfer radical polymerization: inclusion of break reactions in the mechanism. <i>Polymer Bulletin</i> , 2016 , 73, 2105-2119	2.4	12
19	Water vapor sorption and permeability of sustainable alginate/collagen/SiO ₂ composite films. <i>LWT - Food Science and Technology</i> , 2021 , 152, 112261	5.4	11
18	Mathematical Modeling of Ascorbic Acid Thermal Degradation in Orange Juice during Industrial Pasteurizations. <i>Journal of Food Process Engineering</i> , 2016 , 39, 683-691	2.4	8
17	Sustainable Packaging Films Composed of Sodium Alginate and Hydrolyzed Collagen: Preparation and Characterization. <i>Food and Bioprocess Technology</i> , 2021 , 14, 2336	5.1	8
16	Improving the mechanical properties and thermal stability of sodium alginate/hydrolyzed collagen films through the incorporation of SiO ₂ . <i>Current Research in Food Science</i> , 2022 , 5, 96-101	5.6	7

15	Synthesis of Renewable Poly(limonene): A Kinetic Modeling Study to Improve the Polymerization. <i>Brazilian Archives of Biology and Technology</i> , 63,	1.8	6
14	Metal-Free Organocatalyzed Atom Transfer Radical Polymerization: Synthesis, Applications, and Future Perspectives. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100221	4.8	6
13	O-ATRP synthesized poly(ϵ -pinene) blended with chitosan for antimicrobial and antioxidant bio-based films production. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 425-432	7.9	5
12	An Experimental and Computational Approach on Controlled Radical Photopolymerization of Limonene. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000199	2.6	5
11	Artificial neural networks towards average properties targets in styrene ARGET-ATRP. <i>Chemical Engineering Journal</i> , 2021, 407, 126999	14.7	5
10	Simulation of the Equilibrium Constant Effect on the Kinetics and Average Properties of Polystyrene Obtained by ATRP. <i>Journal of the Brazilian Chemical Society</i> , 2013,	1.5	4
9	Multivariate Parametric Analysis for the Determination of Kinetic Rate Constants in 2-(difluoromethoxy)ethyl Acrylate Atom-Transfer Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900163	2.6	3
8	Thermal degradation kinetics of total anthocyanins in apple pulp and transient processing simulations. <i>SN Applied Sciences</i> , 2020, 2, 1	1.8	3
7	Physicochemical properties of chitosan-based films incorporated with limonene. <i>Journal of Food Measurement and Characterization</i> , 1	2.8	3
6	Organocatalyzed ϵ -pinene polymerization in UV light: Assessment of reaction conditions and material characterization. <i>European Polymer Journal</i> , 2021, 147, 110303	5.2	3
5	Biopolymer-Based Films from Sodium Alginate and Citrus Pectin Reinforced with SiO ₂ . <i>Materials</i> , 2022, 15, 3881	3.5	3
4	Numerical Simulation of Atom-Transfer Radical Polymerization of tert-butyl Methacrylate. <i>Materials Research</i> , 2019, 22,	1.5	2
3	Optimal Experimental Conditions for Improving the Yield of Poly(limonene) from Photoinduced Polymerization. <i>Journal of Polymers and the Environment</i> , 2021, 29, 1-11	4.5	2
2	Effect of green propolis extract on functional properties of active pectin-based films. <i>Food Hydrocolloids</i> , 2022, 107746	10.6	1
1	Optimization of fat bleaching in soap production: from laboratory to industrial scale. <i>Chemical Papers</i> , 2020, 74, 209-215	1.9	