

Roniã©rik Pioli Vieira

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

651
citations

516561

16
h-index

580701

25
g-index

35
all docs

35
docs citations

35
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential oils as additives in active starch-based food packaging films: A review. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 1803-1819.	3.6	97
2	Advances in atom-transfer radical polymerization for drug delivery applications. <i>European Polymer Journal</i> , 2019, 115, 45-58.	2.6	39
3	Furcellaran: An innovative biopolymer in the production of films and coatings. <i>Carbohydrate Polymers</i> , 2021, 252, 117221.	5.1	38
4	Sustainable Packaging Films Composed of Sodium Alginate and Hydrolyzed Collagen: Preparation and Characterization. <i>Food and Bioprocess Technology</i> , 2021, 14, 2336-2346.	2.6	38
5	Effect of low concentrations of SiO ₂ nanoparticles on the physical and chemical properties of sodium alginate-based films. <i>Carbohydrate Polymers</i> , 2021, 269, 118286.	5.1	35
6	Water vapor sorption and permeability of sustainable alginate/collagen/SiO ₂ composite films. <i>LWT - Food Science and Technology</i> , 2021, 152, 112261.	2.5	32
7	Kefiran-based films: Fundamental concepts, formulation strategies and properties. <i>Carbohydrate Polymers</i> , 2020, 246, 116609.	5.1	30
8	Synthesis and Characterization of Poly(limonene) by Photoinduced Controlled Radical Polymerization. <i>Journal of Polymers and the Environment</i> , 2020, 28, 2931-2938.	2.4	28
9	O-ATRP synthesized poly(β -pinene) blended with chitosan for antimicrobial and antioxidant bio-based films production. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 425-432.	3.6	28
10	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.	2.7	25
11	Effect of green propolis extract on functional properties of active pectin-based films. <i>Food Hydrocolloids</i> , 2022, 131, 107746.	5.6	23
12	Biopolymer-Based Films from Sodium Alginate and Citrus Pectin Reinforced with SiO ₂ . <i>Materials</i> , 2022, 15, 3881.	1.3	21
13	Kinetic and Thermodynamic Analysis of Anthocyanin Thermal Degradation in Acerola (<i>Malpighia</i>) Tj ETQq1 1 0.784314 rgBT /Overl	0.9	19
14	Current status of ATRP-based materials for gene therapy. <i>Reactive and Functional Polymers</i> , 2020, 147, 104453.	2.0	19
15	Metal-Free Organocatalyzed Atom Transfer Radical Polymerization: Synthesis, Applications, and Future Perspectives. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100221.	2.0	18
16	Physicochemical properties of chitosan-based films incorporated with limonene. <i>Journal of Food Measurement and Characterization</i> , 2022, 16, 2011-2023.	1.6	17
17	Styrene ATRP using the new initiator 2,2,2-tribromoethanol: Experimental and simulation approach. <i>Polymer Engineering and Science</i> , 2015, 55, 2270-2276.	1.5	15
18	Simulation of temperature effect on the structure control of polystyrene obtained by atom-transfer radical polymerization. <i>Polimeros</i> , 2016, 26, 313-319.	0.2	14

#	ARTICLE	IF	CITATIONS
19	Numerical simulation and parametric study of solution ARGET ATRP of styrene. Computational Materials Science, 2016, 124, 211-219.	1.4	13
20	Mathematical Modeling of Ascorbic Acid Thermal Degradation in Orange Juice during Industrial Pasteurizations. Journal of Food Process Engineering, 2016, 39, 683-691.	1.5	13
21	Optimization of reaction conditions in functionalized polystyrene synthesis via ATRP by simulations and factorial design. Polymer Bulletin, 2016, 73, 1795-1810.	1.7	13
22	Kinetic modeling of atom-transfer radical polymerization: inclusion of break reactions in the mechanism. Polymer Bulletin, 2016, 73, 2105-2119.	1.7	12
23	Artificial neural networks towards average properties targets in styrene ARGET-ATRP. Chemical Engineering Journal, 2021, 407, 126999.	6.6	12
24	Organocatalyzed Î²-pinene polymerization in UV light: Assessment of reaction conditions and material characterization. European Polymer Journal, 2021, 147, 110303.	2.6	11
25	Synthesis of Renewable Poly(limonene): A Kinetic Modeling Study to Improve the Polymerization. Brazilian Archives of Biology and Technology, 0, 63, .	0.5	8
26	Effect of water kefir grain biomass on chitosan film properties. Materials Today Communications, 2022, 32, 103902.	0.9	8
27	An Experimental and Computational Approach on Controlled Radical Photopolymerization of Limonene. Macromolecular Chemistry and Physics, 2020, 221, 2000199.	1.1	6
28	Simulation of the Equilibrium Constant Effect on the Kinetics and Average Properties of Polystyrene Obtained by ATRP. Journal of the Brazilian Chemical Society, 2013, , .	0.6	5
29	Optimal Experimental Conditions for Improving the Yield of Poly(limonene) from Photoinduced Polymerization. Journal of Polymers and the Environment, 2021, 29, 1-11.	2.4	5
30	Thermal degradation kinetics of total anthocyanins in açai-pulp and transient processing simulations. SN Applied Sciences, 2020, 2, 1.	1.5	4
31	Multivariate Parametric Analysis for the Determination of Kinetic Rate Constants in 2-(difluoromethoxy)ethyl Acrylate Atom-Transfer Radical Polymerization. Macromolecular Chemistry and Physics, 2019, 220, 1900163.	1.1	3
32	Numerical Simulation of Atom-Transfer Radical Polymerization of tert-butyl Methacrylate. Materials Research, 2019, 22, .	0.6	2
33	Optimization of fat bleaching in soap production: from laboratory to industrial scale. Chemical Papers, 2020, 74, 209-215.	1.0	0
34	INFLUÊNCIA DA MASSA DE CATALISADOR NOS CUSTOS E RECEITAS DE UM REATOR CATALÍTICO DE LEITO FIXO. Enciclopédia Biosfera, 2017, 14, 1499-1505.	0.0	0
35	Modelagem e estimativa de parâmetros cinéticos na polimerização radicalar de d-limoneno. , 0, , .		0