

# Mailson Matos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/651239/publications.pdf>

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181  
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#	ARTICLE	IF	CITATIONS
1	Effect of cellulose size-concentration on the structure of polyvinyl alcohol hydrogels. Carbohydrate Polymers, 2020, 245, 116612.	10.2	42
2	Enhanced microfibrillated cellulose-based film by controlling the hemicellulose content and MFC rheology. Carbohydrate Polymers, 2019, 218, 307-314.	10.2	26
3	Acetone:Water fractionation of pyrolytic lignin improves its antioxidant and antibacterial activity. Journal of Analytical and Applied Pyrolysis, 2021, 156, 105175.	5.5	17
4	Pilot-Scaled Fast-Pyrolysis Conversion of Eucalyptus Wood Fines into Products: Discussion Toward Possible Applications in Biofuels, Materials, and Precursors. Bioenergy Research, 2020, 13, 411-422.	3.9	16
5	Microfibrillated cellulose films containing chitosan and tannic acid for wound healing applications. Journal of Materials Science: Materials in Medicine, 2021, 32, 67.	3.6	16
6	Influence of guabiroba pulp ( <i>campomanesia xanthocarpa</i> o. berg) added to fermented milk on probiotic survival under in vitro simulated gastrointestinal conditions. Food Research International, 2021, 141, 110135.	6.2	15
7	Yerba Mate Extract in Microfibrillated Cellulose and Corn Starch Films as a Potential Wound Healing Bandage. Polymers, 2020, 12, 2807.	4.5	14
8	Safety aspects of kraft lignin fractions: Discussions on the in chemico antioxidant activity and the induction of oxidative stress on a cell-based in vitro model. International Journal of Biological Macromolecules, 2021, 182, 977-986.	7.5	14
9	Characterisation and <i>in vivo</i> evaluation of <i>Araucaria angustifolia</i> pinhão seed coat nanosuspension as a functional food source. Food and Function, 2020, 11, 9820-9832.	4.6	9
10	Nanosuspension of pinhão seed coat development for a new high-functional cereal bar. Journal of Food Processing and Preservation, 2020, 44, e14464.	2.0	7
11	Prediction of yerba mate caffeine content using near infrared spectroscopy. Spectroscopy Letters, 2019, 52, 282-287.	1.0	5
12	Characterization of Gels and Films Produced from Pinhão Seed Coat Nanocellulose as a Potential Use for Wound Healing Dressings and Screening of Its Compounds towards Antitumour Effects. Polymers, 2022, 14, 2776.	4.5	4
13	A biocide delivery system composed of nanosilica loaded with neem oil is effective in reducing plant toxicity of this biocide. Environmental Pollution, 2022, 294, 118660.	7.5	3