

# Soares, R M D

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4897453/publications.pdf>

Version: 2024-02-01

35  
papers

1,476  
citations

471061

17  
h-index

454577

30  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing Biomaterials for 3D Printing. ACS Biomaterials Science and Engineering, 2016, 2, 1679-1693.	2.6	581
2	Electrospinning and electrospray of bio-based and natural polymers for biomaterials development. Materials Science and Engineering C, 2018, 92, 969-982.	3.8	192
3	Thermal degradation of biodegradable edible films based on xanthan and starches from different sources. Polymer Degradation and Stability, 2005, 90, 449-454.	2.7	106
4	Electrospraying microencapsulation of Lactobacillus plantarum enhances cell viability under refrigeration storage and simulated gastric and intestinal fluids. Journal of Functional Foods, 2016, 24, 316-326.	1.6	83
5	Influence of melt processing on biodegradable nisin/PBAT films intended for active food packaging applications. Journal of Applied Polymer Science, 2016, 133, .	1.3	60
6	Poly (lactic acid)/chitosan fiber mats: Investigation of effects of the support on lipase immobilization. International Journal of Biological Macromolecules, 2015, 72, 998-1004.	3.6	43
7	Gelatin and galactomannan-based scaffolds: Characterization and potential for tissue engineering applications. Carbohydrate Polymers, 2015, 133, 8-18.	5.1	39
8	Thermal Stability of Biodegradable Films Based on Soy Protein and Corn Starch. Macromolecular Symposia, 2005, 229, 258-265.	0.4	33
9	Biodegradable and antimicrobial films based on poly(butylene adipate-co-terephthalate) electrospun fibers. Polymer Bulletin, 2017, 74, 3243-3268.	1.7	31
10	Effects of $\alpha$ -Amylase, Amyloglucosidase, and Their Mixture on Hierarchical Porosity of Rice Starch. Starch/Staerke, 2018, 70, 1800008.	1.1	30
11	Evaluation of polypropylene/montmorillonite nanocomposites as food packaging material. Polymer Bulletin, 2012, 68, 2199-2217.	1.7	29
12	Structural analysis of chitosan hydrogels containing polymeric nanocapsules. Materials Science and Engineering C, 2014, 42, 234-242.	3.8	29
13	A novel globular protein electrospun fiber mat with the addition of polysilsesquioxane. International Journal of Biological Macromolecules, 2011, 49, 480-486.	3.6	26
14	Synthesis and characterization of acetylated amylose and development of inclusion complexes with rifampicin. Carbohydrate Polymers, 2017, 157, 267-274.	5.1	23
15	Morphological, optical, and barrier properties of PP/MMT nanocomposites. Polymer Bulletin, 2013, 70, 2181-2191.	1.7	20
16	Properties of filmogenic solutions of gliadin crosslinked with 1-(3-dimethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (aminopropyl)-Hydrocolloids, 2009, 23, 181-187.	5.6	19
17	Soybean-modified polyamide-6 mats as a long-term cutaneous wound covering. Materials Science and Engineering C, 2019, 99, 957-968.	3.8	19
18	The influence of different cross-linking reactions and glycerol addition on thermal and mechanical properties of biodegradable gliadin-based film. Materials Science and Engineering C, 2010, 30, 691-698.	3.8	17

#	ARTICLE	IF	CITATIONS
19	Urinary Iodine in 24 h Is Associated with Natriuresis and Is Better Reflected by an Afternoon Sample. <i>Annals of Nutrition and Metabolism</i> , 2008, 53, 43-49.	1.0	16
20	Polybutylene-adipate-terephthalate and niobium-containing bioactive glasses composites: Development of barrier membranes with adjusted properties for guided bone regeneration. <i>Materials Science and Engineering C</i> , 2021, 125, 112115.	3.8	16
21	BRAZILIAN HULL-LESS AND MALTING BARLEY GENOTYPES: I. CHEMICAL COMPOSITION AND PARTIAL CHARACTERIZATION. <i>Journal of Food Quality</i> , 2007, 30, 357-371.	1.4	15
22	Antibiotic-loaded wound dressings obtained from the PBAT-gentamicin combination. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50633.	1.3	8
23	3D printing of poly(butylene adipate-co-terephthalate) (PBAT)/niobium containing bioactive glasses (BAGNb) scaffolds: Characterization of composites, in vitro bioactivity, and in vivo bone repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 267-278.	1.3	7
24	BRAZILIAN HULL-LESS AND MALTING BARLEY GENOTYPES: II. THERMAL AND RHEOLOGICAL PROPERTIES OF STARCH. <i>Journal of Food Quality</i> , 2007, 30, 372-385.	1.4	6
25	Influence of glycerol on morphology and properties of polylactide/montmorillonite nanocomposites. <i>Polymer Bulletin</i> , 2013, 70, 1863-1873.	1.7	6
26	Derivation and culture of putative parthenogenetic embryonic stem cells in new gelatin substrates modified with galactomannan. <i>Macromolecular Research</i> , 2014, 22, 1053-1058.	1.0	6
27	Electrospun nanofibrous membranes for solid-phase extraction of estriol from aqueous solution. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47189.	1.3	6
28	Adsorption of endocrine disrupting compounds from aqueous solution in poly(butylene adipate-co-terephthalate) electrospun microfibers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125800.	2.3	6
29	Structural Study of Wheat Gliadin in Different Solvents by Spectroscopic Techniques. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	2
30	Dynamic rheological properties of native and cross-linked gliadin proteins. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 640-646.	3.6	1
31	Interaction of fibroblasts and induced pluripotent stem cells with poly(vinyl alcohol)-based hydrogel substrates. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 857-867.	1.6	1
32	Clinical suspicion as a primary guidance to use commercial amplification tests for rapid diagnosis of pulmonary tuberculosis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2006, 56, 107.	0.8	0
33	CuO Nanofibers Immobilized on Paraffin-Impregnated Graphite Electrode and its Application in the Amperometric Detection of Glucose. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	0
34	Preparation and characterization of amylose-pyrazinamide inclusion complexes. , 2015, , .		0
35	Effect of crosslinking, hydroxyapatite addition, and fiber alignment to stimulate human mesenchymal stem cells osteoinduction in polycaprolactone-based electrospun scaffolds. <i>Polymers for Advanced Technologies</i> , 2022, 33, 2682-2695.	1.6	0