

# PÃ©rola de Oliveira e MagalhÃ£es

## List of Publications by Year in descending order

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68  
papers

3,306  
citations

236833

25  
h-index

149623

56  
g-index

76  
all docs

76  
docs citations

76  
times ranked

5388  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of microbial $\alpha$ -amylase in industry - A review. Brazilian Journal of Microbiology, 2010, 41, 850-861.	0.8	611
2	$\alpha$ -Amylase Inhibitors: A Review of Raw Material and Isolated Compounds from Plant Source. Journal of Pharmacy and Pharmaceutical Sciences, 2012, 15, 141.	0.9	415
3	Methods of endotoxin removal from biological preparations: a review. Journal of Pharmacy and Pharmaceutical Sciences, 2007, 10, 388-404.	0.9	259
4	A biotechnology perspective of fungal proteases. Brazilian Journal of Microbiology, 2015, 46, 337-346.	0.8	224
5	Liquid-liquid extraction of biomolecules: an overview and update of the main techniques. Journal of Chemical Technology and Biotechnology, 2008, 83, 143-157.	1.6	191
6	COVID-19: Is There Evidence for the Use of Herbal Medicines as Adjuvant Symptomatic Therapy?. Frontiers in Pharmacology, 2020, 11, 581840.	1.6	177
7	Biopharmaceuticals from microorganisms: from production to purification. Brazilian Journal of Microbiology, 2016, 47, 51-63.	0.8	126
8	Therapeutic $\alpha$ -asparaginase: upstream, downstream and beyond. Critical Reviews in Biotechnology, 2017, 37, 82-99.	5.1	109
9	Kinetic and thermodynamic studies of a novel acid protease from <i>Aspergillus foetidus</i> . International Journal of Biological Macromolecules, 2015, 81, 17-21.	3.6	78
10	Inhibitory Activity of $\alpha$ -Amylase and $\alpha$ -Glucosidase by Plant Extracts from the Brazilian Cerrado. Planta Medica, 2012, 78, 393-399.	0.7	71
11	Plants from Brazilian Cerrado with Potent Tyrosinase Inhibitory Activity. PLoS ONE, 2012, 7, e48589.	1.1	67
12	Extracts of <i>Morus nigra</i> L. Leaves Standardized in Chlorogenic Acid, Rutin and Isoquercitrin: Tyrosinase Inhibition and Cytotoxicity. PLoS ONE, 2016, 11, e0163130.	1.1	62
13	In vitro evaluation of wound healing and antimicrobial potential of ozone therapy. Journal of Cranio-Maxillo-Facial Surgery, 2017, 45, 364-370.	0.7	59
14	Production, purification and characterization of an aspartic protease from <i>Aspergillus foetidus</i> . Food and Chemical Toxicology, 2017, 109, 1103-1110.	1.8	56
15	Wound Healing Effect of Essential Oil Extracted from <i>Eugenia dysenterica</i> DC (Myrtaceae) Leaves. Molecules, 2019, 24, 2.	1.7	53
16	Characterization of hemicellulases and cellulases produced by <i>Ceriporiopsis subvermispota</i> grown on wood under biopulping conditions. Enzyme and Microbial Technology, 2006, 38, 436-442.	1.6	43
17	Liquid-liquid extraction of commercial and biosynthesized nisin by aqueous two-phase micellar systems. Enzyme and Microbial Technology, 2008, 42, 107-112.	1.6	43
18	Enzymatic properties of two $\beta$ -glucosidases from <i>Ceriporiopsis subvermispota</i> produced in biopulping conditions. Journal of Applied Microbiology, 2006, 101, 480-486.	1.4	35

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19	Optimization and purification of L-asparaginase from fungi: A systematic review. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 120, 194-202.	2.0	35
20	Optimization of Xylanase Production from <i>Aspergillus foetidus</i> in Soybean Residue. <i>Enzyme Research</i> , 2018, 2018, 1-7.	1.8	35
21	The role of formulation and follicular pathway in voriconazole cutaneous delivery from liposomes and nanostructured lipid carriers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 341-346.	2.5	33
22	LPS removal from an <i>E. coli</i> fermentation broth using aqueous two-phase micellar system. <i>Biotechnology Progress</i> , 2010, 26, 1644-1653.	1.3	29
23	Green fluorescent protein extraction and LPS removal from <i>Escherichia coli</i> fermentation medium using aqueous two-phase micellar system. <i>Separation and Purification Technology</i> , 2011, 81, 339-346.	3.9	29
24	Optimization and partial purification of beta-galactosidase production by <i>Aspergillus niger</i> isolated from Brazilian soils using soybean residue. <i>AMB Express</i> , 2019, 9, 81.	1.4	28
25	Liquid-liquid extraction of pectinase produced by <i>Aspergillus oryzae</i> using aqueous two-phase micellar system. <i>Separation and Purification Technology</i> , 2013, 120, 452-457.	3.9	27
26	PEG/NaPA aqueous two-phase systems for the purification of proteases expressed by <i>Penicillium restrictum</i> from Brazilian Savanna. <i>Process Biochemistry</i> , 2014, 49, 2305-2312.	1.8	27
27	Activity of crude extracts from Brazilian cerrado plants against clinically relevant <i>Candida</i> species. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 203.	3.7	26
28	Incorporation of <i>Eugenia dysenterica</i> extract in microemulsions preserves stability, antioxidant effect and provides enhanced cutaneous permeation. <i>Journal of Molecular Liquids</i> , 2018, 265, 408-415.	2.3	24
29	<i>Pouteria torta</i> epicarp as a useful source of Î±-amylase inhibitor in the control of type 2 diabetes. <i>Food and Chemical Toxicology</i> , 2017, 109, 962-969.	1.8	23
30	Assessment of anti-cholinesterase activity and cytotoxicity of cagaita ( <i>Eugenia dysenterica</i> ) leaves. <i>Food and Chemical Toxicology</i> , 2017, 109, 996-1002.	1.8	23
31	Purification and properties of a xylanase from <i>Ceriporiopsis subvermispora</i> cultivated on <i>Pinus taeda</i> . <i>FEMS Microbiology Letters</i> , 2005, 253, 267-272.	0.7	18
32	<i>Tabernaemontana</i> Species: Promising Sources of New Useful Drugs. <i>Studies in Natural Products Chemistry</i> , 2017, 54, 227-289.	0.8	17
33	Efficacy and safety of a four-drug fixed-dose combination regimen versus separate drugs for treatment of pulmonary tuberculosis: a systematic review and meta-analysis. <i>Brazilian Journal of Microbiology</i> , 2017, 48, 198-207.	0.8	16
34	Biochemical properties of a Î²-mannanase and a Î²-xylanase produced by <i>Ceriporiopsis subvermispora</i> during biopulping conditions. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 191-195.	1.9	15
35	Triterpenes from <i>Pouteria ramiflora</i> (Mart.) Radlk. Leaves (Sapotaceae). <i>Food and Chemical Toxicology</i> , 2017, 109, 1063-1068.	1.8	15
36	Versatile chromatographic method for catechin determination in development of topical formulations containing natural extracts. <i>Biomedical Chromatography</i> , 2018, 32, e4062.	0.8	15

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37	Acetylcholinesterase inhibitory activity, anti-inflammatory, and neuroprotective potential of <i>Hippeastrum psittacinum</i> (Ker Gawl.) herb (Amaryllidaceae). <i>Food and Chemical Toxicology</i> , 2020, 145, 111703.	1.8	15
38	Effects of Plants on Osteogenic Differentiation and Mineralization of Periodontal Ligament Cells: A Systematic Review. <i>Phytotherapy Research</i> , 2016, 30, 519-531.	2.8	14
39	Optimization of aqueous two-phase micellar system for partial purification of L-asparaginase from <i>Penicillium</i> sp. grown in wheat bran as agro-industrial residue. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 979-988.	0.8	14
40	Predictive Power of In Silico Approach to Evaluate Chemicals against <i>M. tuberculosis</i> : A Systematic Review. <i>Pharmaceuticals</i> , 2019, 12, 135.	1.7	11
41	Protease Produced by Endophytic Fungi: A Systematic Review. <i>Molecules</i> , 2021, 26, 7062.	1.7	11
42	Filamentous Fungi Producing L-Asparaginase with Low Glutaminase Activity Isolated from Brazilian Savanna Soil. <i>Pharmaceutics</i> , 2021, 13, 1268.	2.0	10
43	Chemical profile and biological activity of <i>Crinum americanum</i> L. (Amaryllidaceae). <i>South African Journal of Botany</i> , 2022, 146, 25-35.	1.2	9
44	Sequencing and characterization of an L-asparaginase gene from a new species of <i>Penicillium</i> section <i>Citrina</i> isolated from Cerrado. <i>Scientific Reports</i> , 2021, 11, 17861.	1.6	8
45	Radiation induced a supra-additive cytotoxic effect in head and neck carcinoma cell lines when combined with plant extracts from Brazilian Cerrado biome. <i>Clinical Oral Investigations</i> , 2015, 19, 637-646.	1.4	7
46	Interferences that impact measuring optimal L-asparaginase activity and consequent errors interpreting these data. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 5161-5166.	1.7	7
47	Chemical composition and antifungal effect of ethanol extract from <i>Sapindus saponaria</i> L. fruit against banana anthracnose. <i>Scientia Horticulturae</i> , 2020, 259, 108842.	1.7	7
48	Emulsion incorporating <i>Eugenia dysenterica</i> aqueous extract entrapped in chitosan microparticles as a novel topical treatment of cutaneous infections. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101372.	1.4	7
49	Cytotoxic effect of <i>Erythroxylum daphnites</i> extract is associated with G <sub>1</sub> cell cycle arrest and apoptosis in oral squamous cell carcinoma. <i>Cell Cycle</i> , 2016, 15, 948-956.	1.3	5
50	In vitro evaluation of <i>Eugenia dysenterica</i> in primary culture of human gingival fibroblast cells. <i>Brazilian Oral Research</i> , 2019, 33, e035.	0.6	5
51	Asparaginase induces selective dose- and time-dependent cytotoxicity, apoptosis, and reduction of NF $\kappa$ B expression in oral cancer cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 857-866.	0.9	5
52	Immobilization studies of a pectinase produced by <i>Aspergillus terreus</i> . <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 197-208.	1.4	5
53	Lycorine Alkaloid and <i>Crinum americanum</i> L. (Amaryllidaceae) Extracts Display Antifungal Activity on Clinically Relevant <i>Candida</i> Species. <i>Molecules</i> , 2022, 27, 2976.	1.7	5
54	L-Asparaginase from <i>Penicillium sizovae</i> Produced by a Recombinant <i>Komagataella phaffii</i> Strain. <i>Pharmaceuticals</i> , 2022, 15, 746.	1.7	5

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55	Cytotoxic Effect of <i>Erythroxylum suberosum</i> Combined with Radiotherapy in Head and Neck Cancer Cell Lines. <i>Brazilian Dental Journal</i> , 2016, 27, 108-112.	0.5	4
56	Development of Processes for Recombinant L-Asparaginase II Production by <i>Escherichia coli</i> Bl21 (De3): From Shaker to Bioreactors. <i>Pharmaceutics</i> , 2021, 13, 14.	2.0	4
57	Determination of harpagoside in <i>Harpagophytum procumbens</i> DC tablets™s using analytical method by High Performance Liquid Chromatography. <i>Eletica Quimica</i> , 2020, 45, 47.	0.2	3
58	Extraction protease expressed by <i>Penicillium fellutanum</i> from the Brazilian savanna using poly(ethylene glycol)/sodium polyacrylate/NaCl aqueous two-phase system. <i>Biotechnology and Applied Biochemistry</i> , 2015, 62, 806-814.	1.4	2
59	Identification and quantification of caffeoylquinic acid derivatives in <i>Cynara scolymus</i> L. tablets and capsules. <i>African Journal of Pharmacy and Pharmacology</i> , 2017, 11, 94-102.	0.2	2
60	Biological properties and phytochemical characterization from <i>Miconia chamissois</i> Naudin aqueous extract. <i>Boletin Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas</i> , 2021, 20, 427-442.	0.2	2
61	Determinao de cido rosmarnico em <i>Cordia verbenacea</i> por cromatografia lquida: aplicabilidade em estudo sazonal. <i>Revista Brasileira De Plantas Medicinai</i> s, 2015, 17, 857-864.	0.3	2
62	Seasonal Chemical Evaluation of <i>Miconia chamissois</i> Naudin from Brazilian Savanna. <i>Molecules</i> , 2022, 27, 1120.	1.7	2
63	Development of aromatic soluble tea from the pulp of <i>Pouteria ramiflora</i> (Mart.) Radlk. with health benefits. <i>South African Journal of Botany</i> , 2022, 145, 236-242.	1.2	1
64	Essential oils of <i>Cordia</i> species, compounds and applications: a systematic review. <i>Boletin Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas</i> , 2022, 21, 156-175.	0.2	1
65	FATORES DE HETEROGENEIDADE DO POTENCIAL ANTIOXIDANTE DA PRPOLIS DA ABELHA <i>APIS MELLIFERA</i> : UMA REVISO. <i>Infarma: Pharmaceutical Sciences</i> , 2022, 34, 58.	0.2	1
66	KINETIC AND THERMODYNAMIC STUDIES OF AN ACID PROTEASE FROM <i>Aspergillus foetidus</i> . , 0, , .		0
67	SCREENING OF PROTEASES PRODUCTION BY ENDOPHYTIC FUNGI ISOLATED OF BRAZILIAN SAVANNA PLANTS. , 0, , .		0
68	Predictive power of <i>in silico</i> approach to evaluate chemicals against <i>M. tuberculosis</i> : A systematic review. , 0, , .		0