

# Isabel de Sá-Nogueira

## List of Publications by Year in descending order

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30  
papers

945  
citations

430874

18  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissolution enhancement of active pharmaceutical ingredients by therapeutic deep eutectic systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 98, 57-66.	4.3	164
2	Therapeutic Role of Deep Eutectic Solvents Based on Menthol and Saturated Fatty Acids on Wound Healing. <i>ACS Applied Bio Materials</i> , 2019, 2, 4346-4355.	4.6	96
3	Two distinct arabinofuranosidases contribute to arabino-oligosaccharide degradation in <i>Bacillus subtilis</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 2719-2729.	1.8	56
4	Mode of action of AraR, the key regulator of l-arabinose metabolism in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , 1999, 33, 476-489.	2.5	53
5	A Multitask ATPase Serving Different ABC-Type Sugar Importers in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2010, 192, 5312-5318.	2.2	53
6	Valorization of white wine grape pomace through application of subcritical water: Analysis of extraction, hydrolysis, and biological activity of the extracts obtained. <i>Journal of Supercritical Fluids</i> , 2017, 128, 138-144.	3.2	46
7	Production of Electrospun Fast-Dissolving Drug Delivery Systems with Therapeutic Eutectic Systems Encapsulated in Gelatin. <i>AAPS PharmSciTech</i> , 2017, 18, 2579-2585.	3.3	42
8	Characterization of <i>abn2</i> ( <i>xyiA</i> ), Encoding a <i>Bacillus subtilis</i> GH43 Arabinanase, <i>Abn2</i> , and Its Role in Arabino-Polysaccharide Degradation. <i>Journal of Bacteriology</i> , 2008, 190, 4272-4280.	2.2	41
9	New evidence for the role of calcium in the glycosidase reaction of GH43 arabinanases. <i>FEBS Journal</i> , 2010, 277, 4562-4574.	4.7	41
10	Semi-continuous extraction/hydrolysis of spent coffee grounds with subcritical water. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 72, 453-456.	5.8	36
11	Purification, characterization and functional analysis of an endo-arabinanase ( <i>AbnA</i> ) from <i>Bacillus subtilis</i> . <i>FEMS Microbiology Letters</i> , 2004, 241, 41-48.	1.8	35
12	Fractionation of red wine grape pomace by subcritical water extraction/hydrolysis. <i>Journal of Supercritical Fluids</i> , 2020, 160, 104793.	3.2	31
13	Distinct molecular mechanisms involved in carbon catabolite repression of the arabinose regulon in <i>Bacillus subtilis</i> . <i>Microbiology (United Kingdom)</i> , 2003, 149, 2345-2355.	1.8	30
14	Control of the Arabinose Regulon in <i>Bacillus subtilis</i> by AraR In Vivo: Crucial Roles of Operators, Cooperativity, and DNA Looping. <i>Journal of Bacteriology</i> , 2001, 183, 4190-4201.	2.2	26
15	Functional Domains of the <i>Bacillus subtilis</i> Transcription Factor AraR and Identification of Amino Acids Important for Nucleoprotein Complex Assembly and Effector Binding. <i>Journal of Bacteriology</i> , 2006, 188, 3024-3036.	2.2	26
16	Ribosomal DNA spacer probes for yeast identification: Studies in the genus <i>Metschnikowia</i> . <i>Yeast</i> , 1991, 7, 167-172.	1.7	21
17	Transcriptional Regulation of Genes Encoding Arabinan-Degrading Enzymes in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2004, 186, 1287-1296.	2.2	21
18	Subcritical Water Extraction and Hydrolysis of Cod ( <i>Gadus morhua</i> ) Frames to Produce Bioactive Protein Extracts. <i>Foods</i> , 2021, 10, 1222.	4.3	20

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19	Assessment of phenotypic and genetic diversity in the yeast genus <i>Metschnikowia</i> . <i>Antonie Van Leeuwenhoek</i> , 1995, 68, 101-110.	1.7	19
20	Probing key DNA contacts in AraR-mediated transcriptional repression of the <i>Bacillus subtilis</i> arabinose regulon. <i>Nucleic Acids Research</i> , 2007, 35, 4755-4766.	14.5	16
21	The MsmX ATPase plays a crucial role in pectin mobilization by <i>Bacillus subtilis</i> . <i>PLoS ONE</i> , 2017, 12, e0189483.	2.5	14
22	Nontoxic glasses: Preparation, structural, electrical and biological properties. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 1885-1894.	2.1	12
23	trans-Acting Factors and cis Elements Involved in Glucose Repression of Arabinan Degradation in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2007, 189, 8371-8376.	2.2	10
24	Development of antimicrobial Ion Jelly fibers. <i>RSC Advances</i> , 2013, 3, 24400.	3.6	10
25	Characterization and regulation of a bacterial sugar phosphatase of the haloalkanoate dehalogenase superfamily, AraL, from <i>Bacillus subtilis</i> . <i>FEBS Journal</i> , 2011, 278, 2511-2524.	4.7	9
26	Multitask ATPases (NBDs) of bacterial ABC importers type I and their interspecies exchangeability. <i>Scientific Reports</i> , 2020, 10, 19564.	3.3	8
27	The importance of the Abn2 calcium cluster in the endo-1,5-arabinanase activity from <i>Bacillus subtilis</i> . <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 505-513.	2.6	4
28	Overproduction, crystallization and preliminary X-ray characterization of Abn2, an endo-1,5- $\alpha$ -arabinanase from <i>Bacillus subtilis</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 636-638.	0.7	3
29	Towards Novel Amino Acid-Base Contacts in Gene Regulatory Proteins: AraR – A Case Study. <i>PLoS ONE</i> , 2014, 9, e111802.	2.5	2
30	Tantalum Doped Bioactive Glass: Towards a Pro-Regenerative and Antibacterial Response. , 2022, 8, .		0