

Benildo Sousa Cavada

List of Publications by Year in descending order

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36
papers

991
citations

393982

19
h-index

433756

31
g-index

36
all docs

36
docs citations

36
times ranked

1096
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial peptide control of pathogenic microorganisms of the oral cavity: A review of the literature. <i>Peptides</i> , 2012, 36, 315-321.	1.2	85
2	Lectin-Induced Nitric Oxide Production. <i>Cellular Immunology</i> , 1999, 194, 98-102.	1.4	79
3	Casbane Diterpene as a Promising Natural Antimicrobial Agent against Biofilm-Associated Infections. <i>Molecules</i> , 2011, 16, 190-201.	1.7	73
4	Purification and biological effects of <i>Araucaria angustifolia</i> (Araucariaceae) seed lectin. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 1050-1055.	1.0	65
5	Larvicidal activity of lectins from <i>Myracrodruon urundeuva</i> on <i>Aedes aegypti</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 300-306.	1.3	56
6	Vasodilator effects of Diocleinae lectins from the <i>Canavalia</i> genus. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 380, 509-521.	1.4	55
7	Antimicrobial and antibiofilm action of Casbane Diterpene from <i>Croton nepetaefolius</i> against oral bacteria. <i>Archives of Oral Biology</i> , 2012, 57, 550-555.	0.8	49
8	Native crystal structure of a nitric oxide-releasing lectin from the seeds of <i>Canavalia maritima</i> . <i>Journal of Structural Biology</i> , 2005, 152, 185-194.	1.3	45
9	Antimicrobial activity of the synthetic peptide Lys-a1 against oral streptococci. <i>Peptides</i> , 2013, 42, 78-83.	1.2	40
10	Structural analysis of <i>Canavalia maritima</i> and <i>Canavalia gladiata</i> lectins complexed with different dimannosides: New insights into the understanding of the structure–biological activity relationship in legume lectins. <i>Journal of Structural Biology</i> , 2007, 160, 168-176.	1.3	39
11	Structural analysis of ConBr reveals molecular correlation between the carbohydrate recognition domain and endothelial NO synthase activation. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 566-570.	1.0	33
12	Crystal structure of <i>Dioclea violacea</i> lectin and a comparative study of vasorelaxant properties with <i>Dioclea rostrata</i> lectin. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 807-815.	1.2	28
13	Structural analysis of <i>Centrolobium tomentosum</i> seed lectin with inflammatory activity. <i>Archives of Biochemistry and Biophysics</i> , 2016, 596, 73-83.	1.4	27
14	Antinociceptive and Anti-inflammatory Effects of a Lectin-Like Substance from <i>Clitoria fairchildiana</i> R. Howard Seeds. <i>Molecules</i> , 2012, 17, 3277-3290.	1.7	26
15	Effect of Lectins from Diocleinae Subtribe against Oral Streptococci. <i>Molecules</i> , 2011, 16, 3530-3543.	1.7	25
16	Opioid-like antinociceptive effects of oral administration of a lectin purified from the seeds of <i>Canavalia brasiliensis</i> . <i>Fundamental and Clinical Pharmacology</i> , 2013, 27, 201-209.	1.0	25
17	Structural Studies of an Anti-Inflammatory Lectin from <i>Canavalia boliviana</i> Seeds in Complex with Dimannosides. <i>PLoS ONE</i> , 2014, 9, e97015.	1.1	22
18	Purification and Biological Activities of <i>Abelmoschus esculentus</i> Seed Lectin. <i>Protein Journal</i> , 2012, 31, 674-680.	0.7	21

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19	Antinociceptive activity and toxicology of the lectin from <i>Canavalia boliviana</i> seeds in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 380, 407-414.	1.4	20
20	Crystallization and Characterization of an Inflammatory Lectin Purified from the Seeds of <i>Dioclea wilsonii</i> . <i>Molecules</i> , 2011, 16, 5087-5103.	1.7	20
21	Antimicrobial Effect of the Triterpene 3 β ,6 β ,16 β -Trihydroxylup-20(29)-ene on Planktonic Cells and Biofilms from Gram Positive and Gram Negative Bacteria. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	18
22	Antiproliferative effect of <i>Canavalia brasiliensis</i> lectin on B16F10 cells. <i>Research in Veterinary Science</i> , 2014, 96, 276-282.	0.9	17
23	Mannose-specific legume lectin from the seeds of <i>Dolichos lablab</i> (FRIL) stimulates inflammatory and hypernociceptive processes in mice. <i>Process Biochemistry</i> , 2014, 49, 529-534.	1.8	16
24	Partial characterization and immobilization in CNBr-activated Sepharose of a native lectin from <i>Platypodium elegans</i> seeds (PELa) and comparative study of edematogenic effect with the recombinant form. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 323-330.	3.6	14
25	Crystal structure of the lectin of <i>Camptosema pedicellatum</i> : implications of a conservative substitution at the hydrophobic subsite. <i>Journal of Biochemistry</i> , 2012, 152, 87-98.	0.9	12
26	Lectin from <i>Canavalia brasiliensis</i> Seeds (ConBr) Is a Valuable Biotechnological Tool to Stimulate the Growth of <i>Rhizobium tropici</i> in Vitro. <i>Molecules</i> , 2012, 17, 5244-5254.	1.7	12
27	Protein crystal content analysis by mass spectrometry and preliminary X-ray diffraction of a lectin from <i>Canavalia grandiflora</i> seeds with modulatory role in inflammation. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 811-818.	0.7	11
28	Purification and partial characterization of a new lectin from <i>Parkia panurensis</i> Benth. ex H.C. Hopkins seeds (Leguminosae family; Mimosoideae subfamily) and evaluation of its biological effects. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 845-855.	3.6	11
29	ConBr, the Lectin from <i>Canavalia brasiliensis</i> Mart. Seeds: Forty Years of Research. <i>Current Protein and Peptide Science</i> , 2019, 20, 600-613.	0.7	11
30	Crystal structure of <i>Pisum arvense</i> seed lectin (PAL) and characterization of its interaction with carbohydrates by molecular docking and dynamics. <i>Archives of Biochemistry and Biophysics</i> , 2017, 630, 27-37.	1.4	9
31	Vascular Smooth Muscle Relaxation by a Lectin from <i>Pisum arvense</i> : Evidences of Endothelial NOS Pathway. <i>Protein and Peptide Letters</i> , 2011, 18, 1107-1111.	0.4	8
32	Crystallization and preliminary X-ray diffraction analysis of the lectin from <i>Canavalia boliviana</i> Piper seeds. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 213-215.	0.7	6
33	Effect of Leguminous Lectins on the Growth of <i>Rhizobium tropici</i> CIAT899. <i>Molecules</i> , 2013, 18, 5792-5803.	1.7	6
34	A review of Viciae lectins studies: End of the book or a story in the writing?. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 1104-1123.	3.6	3
35	Anti-inflammatory and anti-necrotic effects of lectins from <i>Canavalia ensiformis</i> and <i>Canavalia brasiliensis</i> in experimental acute pancreatitis. <i>Glycoconjugate Journal</i> , 2022, 39, 599-608.	1.4	3
36	Crystallization and preliminary X-ray diffraction analysis of the lectin from <i>Dioclea rostrata</i> Benth seeds. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 166-168.	0.7	1