Benildo Cavada

List of Publications by Year
in descending order

285 papers	6,206 citations	76294 40 h-index	155592 55 g-index
287 all docs	287 docs citations	287 times ranked	4342 citing authors

#	Article	IF	Citations
1	Compositional and nutritional attributes of seeds from the multiple purpose treeMoringa oleifera Lamarck. Journal of the Science of Food and Agriculture, 1999, 79, 815-820.	1.7	126
2	Revisiting proteus: Do Minor Changes in Lectin Structure Matter in Biological Activity? Lessons from and Potential Biotechnological Uses of the Diocleinae Subtribe Lectins. Current Protein and Peptide Science, 2001, 2, 123-135.	0.7	112
3	Antimicrobial peptide control of pathogenic microorganisms of the oral cavity: A review of the literature. Peptides, 2012, 36, 315-321.	1.2	85
4	Anti-inflammatory effect of glucoseâ€"mannose binding lectins isolated from Brazilian beans. Mediators of Inflammation, 1997, 6, 201-210.	1.4	83
5	Binding Studies of Î±-GalNAc-specific Lectins to the Î±-GalNAc (Tn-antigen) Form of Porcine Submaxillary Mucin and Its Smaller Fragments. Journal of Biological Chemistry, 2007, 282, 28256-28263.	1.6	82
6	The crystal structure of Canavalia brasiliensis lectin suggests a correlation between its quaternary conformation and its distinct biological properties from Concanavalin A. FEBS Letters, 1997, 405, 114-118.	1.3	79
7	Lectin-Induced Nitric Oxide Production. Cellular Immunology, 1999, 194, 98-102.	1.4	79
8	Casbane Diterpene as a Promising Natural Antimicrobial Agent against Biofilm-Associated Infections. Molecules, 2011, 16, 190-201.	1.7	73
9	Rat paw edema and leukocyte immigration induced by plant lectins. Agents and Actions, 1993, 38, 48-54.	0.7	71
10	Diocleinae Lectins Are a Group of Proteins with Conserved Binding Sites for the Core Trimannoside of Asparagine-linked Oligosaccharides and Differential Specificities for Complex Carbohydrates. Journal of Biological Chemistry, 1998, 273, 12082-12088.	1.6	66
11	Ultrasound processing to enhance drying of cashew apple bagasse puree: Influence on antioxidant properties and in vitro bioaccessibility of bioactive compounds. Ultrasonics Sonochemistry, 2016, 31, 237-249.	3.8	66
12	Human Lymphocyte Stimulation by Legume Lectins from the Diocleae Tribe. Immunological Investigations, 1992, 21, 297-303.	1.0	65
13	Purification and biological effects of Araucaria angustifolia (Araucariaceae) seed lectin. Biochemical and Biophysical Research Communications, 2006, 350, 1050-1055.	1.0	65
14	Leguminous Lectins as Tools for Studying the Role of Sugar Residues in Leukocyte Recruitment. Mediators of Inflammation, 1999, 8, 107-113.	1.4	61
15	Explaining statin inhibition effectiveness of HMG-CoA reductase by quantum biochemistry computations. Physical Chemistry Chemical Physics, 2012, 14, 1389-1398.	1.3	61
16	Purification and characterization of a lectin from seeds of Vatairea macrocarpa duke. Phytochemistry, 1998, 49, 675-680.	1.4	60
17	Molecular characterization and crystallization of Diocleinae lectins. BBA - Proteins and Proteomics, 1999, 1430, 367-375.	2.1	60
18	Antinociceptive and anti-inflammatory effects of a mucin-binding agglutinin isolated from the red marine alga Hypnea cervicornis. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 377, 139-148.	1.4	59

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19	Biological Effects of a Sulfated-Polysaccharide Isolated from the Marine Red Algae Champia feldmannii. Biological and Pharmaceutical Bulletin, 2008, 31, 691-695.	0.6	57
20	Larvicidal activity of lectins from Myracrodruon urundeuva on Aedes aegypti. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 300-306.	1.3	56
21	Plant lectins, chemical and biological aspects. Memorias Do Instituto Oswaldo Cruz, 1991, 86, 211-218.	0.8	56
22	Vasodilator effects of Diocleinae lectins from the Canavalia genus. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 380, 509-521.	1.4	55
23	Antidepressantâ€like effect of lectin from Canavalia brasiliensis (ConBr) administered centrally in mice. Pharmacology Biochemistry and Behavior, 2006, 85, 160-169.	1.3	54
24	Structure of a lectin from Canavalia gladiata seeds: new structural insights for old molecules. BMC Structural Biology, 2007, 7, 52.	2.3	54
25	An overview of lectins purification strategies. Journal of Molecular Recognition, 2012, 25, 527-541.	1.1	54
26	Potential of KM+ lectin in immunization against Leishmania amazonensis infection. Vaccine, 2006, 24, 3001-3008.	1.7	52
27	Histamine release induced by glucose (mannose)-specific lectins isolated from Brazilian beans. Comparison with concanavalin A. Agents and Actions, 1994, 41, 132-135.	0.7	50
28	The galactose-binding lectin from Vatairea macrocarpa seeds induces in vivo neutrophil migration by indirect mechanism. International Journal of Biochemistry and Cell Biology, 2003, 35, 1674-1681.	1.2	50
29	Lonchocarpus sericeus lectin decreases leukocyte migration and mechanical hypernociception by inhibiting cytokine and chemokines production. International Immunopharmacology, 2007, 7, 824-835.	1.7	50
30	In vivo lymphocyte activation and apoptosis by lectins of the Diocleinae subtribe. Memorias Do Instituto Oswaldo Cruz, 2001, 96, 673-678.	0.8	49
31	Antimicrobial and antibiofilm action of Casbane Diterpene from Croton nepetaefolius against oral bacteria. Archives of Oral Biology, 2012, 57, 550-555.	0.8	49
32	The amino acid sequence of the agglutinin isolated from the red marine alga Bryothamnion triquetrum defines a novel lectin structure. Cellular and Molecular Life Sciences, 2000, 57, 343-350.	2.4	48
33	The amino-acid sequence of the glucose/mannose-specific lectin isolated from Parkia platycephala seeds reveals three tandemly arranged jacalin-related domains. FEBS Journal, 2001, 268, 4414-4422.	0.2	47
34	ConA-Like Lectins: High Similarity Proteins as Models to Study Structure/Biological Activities Relationships. International Journal of Molecular Sciences, 2019, 20, 30.	1.8	47
35	Native crystal structure of a nitric oxide-releasing lectin from the seeds of Canavalia maritima. Journal of Structural Biology, 2005, 152, 185-194.	1.3	45
36	Porcine Spermadhesin PSP-I/PSP-II Stimulates Macrophages to Release a Neutrophil Chemotactic Substance: Modulation by Mast Cells1. Biology of Reproduction, 2003, 68, 1836-1841.	1.2	44

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37	Crystal structure of native and Cd/Cd-substituted Dioclea guianensis seed lectin. A novel manganese-binding site and structural basis of dimer-tetramer association. Journal of Molecular Biology, 2001, 310, 885-894.	2.0	43
38	In vivo protective effect of the lectin from Canavalia brasiliensis on BALB/c mice infected by Leishmania amazonensis. Acta Tropica, 1996, 60, 237-250.	0.9	42
39	HCA and HML isolated from the red marine algaeHypnea cervicornisandHypnea musciformisdefine a novel lectin family. Protein Science, 2005, 14, 2167-2176.	3.1	42
40	In vivoanti-inflammatory effect of a sulfated polysaccharide isolated from the marine brown algaeLobophora variegata. Pharmaceutical Biology, 2011, 49, 167-174.	1.3	42
41	PURIFICATION AND PARTIAL CHARACTERIZATION OF A LECTIN FROM THE SEEDS OF DIOCLEA GUIANENSIS. Journal of Food Biochemistry, 1991, 15, 137-154.	1.2	41
42	Antimicrobial activity of the synthetic peptide Lys-a1 against oral streptococci. Peptides, 2013, 42, 78-83.	1.2	40
43	Structural analysis of Canavalia maritima and Canavalia gladiata lectins complexed with different dimannosides: New insights into the understanding of the structureâ€“biological activity relationship in legume lectins. Journal of Structural Biology, 2007, 160, 168-176.	1.3	39
44	Structural basis for both pro- and anti-inflammatory response induced by mannose-specific legume lectin from Cymbosema roseum. Biochimie, 2011, 93, 806-816.	1.3	39
45	In vitroinhibition of oral streptococci binding to the acquired pellicle by algal lectins. Journal of Applied Microbiology, 2007, 103, 1001-1006.	1.4	38
46	Anti-inflammatory and antimicrobial effect of lectin from Lonchocarpus sericeus seeds in an experimental rat model of infectious peritonitisâ€. Journal of Pharmacy and Pharmacology, 2010, 57, 919-922.	1.2	38
47	Optical absorption and electronic band structure first-principles calculations of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-glycine crystals. Physical Review B, 2008, 77, .	1.1	37
48	Lectin extracted from Canavalia grandiflora seeds presents potential anti-inflammatory and analgesic effects. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 379, 609-616.	1.4	37
49	Effect of Algae and Plant Lectins on Planktonic Growth and Biofilm Formation in Clinically Relevant Bacteria and Yeasts. BioMed Research International, 2014, 2014, 1-9.	0.9	37
50	In vitro inhibition of Streptococci binding to enamel acquired pellicle by Plant Lectins. Journal of Applied Microbiology, 2006, 101, 111-116.	1.4	36
51	Purification and molecular cloning of a new galactose-specific lectin from Bauhinia variegata seeds. Journal of Biosciences, 2008, 33, 355-363.	0.5	36
52	Isolation and partial characterisation of highly toxic lectins from Abrus pulchellus seeds. Toxicon, 1998, 36, 477-484.	0.8	35
53	Spermadhesin PSP-I/PSP-II Heterodimer and Its Isolated Subunits Induced Neutrophil Migration into the Peritoneal Cavity of Rats1. Biology of Reproduction, 2002, 67, 1796-1803.	1.2	35
54	Crystal structure of a lectin from Canavalia maritima (ConM) in complex with trehalose and maltose reveals relevant mutation in ConA-like lectins. Journal of Structural Biology, 2006, 154, 280-286.	1.3	34

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55	The potent anti-cancer activity of Dioclea lasiocarpa lectin. Journal of Inorganic Biochemistry, 2017, 175, 179-189.	1.5	34
56	Isolation and characterization of Dioclea altissima var. megacarpa seed lectin. Phytochemistry, 1997, 46, 139-144.	1.4	33
57	The First Crystal Structure of a Mimosoideae Lectin Reveals a Novel Quaternary Arrangement of a Widespread Domain. Journal of Molecular Biology, 2005, 353, 574-583.	2.0	33
58	Identification of a new quaternary association for legume lectins. Journal of Structural Biology, 2008, 161, 133-143.	1.3	33
59	Structural analysis of ConBr reveals molecular correlation between the carbohydrate recognition domain and endothelial NO synthase activation. Biochemical and Biophysical Research Communications, 2011, 408, 566-570.	1.0	33
60	Thermodynamic Binding Studies of Lectins from the Diocleinae Subtribe to Deoxy Analogs of the Core Trimannoside of Asparagine-linked Oligosaccharides. Journal of Biological Chemistry, 2000, 275, 16119-16126.	1.6	31
61	Crotacetin, a Novel Snake Venom C-Type Lectin Homolog of Convulxin, Exhibits an Unpredictable Antimicrobial Activity. Cell Biochemistry and Biophysics, 2006, 44, 412-423.	0.9	31
62	Toxicity of some glucose/mannose-binding lectins to Biomphalaria glabrata and Artemia salina. Bioresource Technology, 2010, 101, 794-798.	4.8	31
63	Vatairea Macrocarpa Lectin Induces Paw Edema With Leukocyte Infiltration.. Protein and Peptide Letters, 2004, 11, 195-200.	0.4	31
64	Modulation of acute inflammation by a chitin-binding lectin from Araucaria angustifolia seeds via mast cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 2006, 374, 1-10.	1.4	30
65	Adsorption of Ascorbic Acid on the C₆₀ Fullerene. Journal of Physical Chemistry B, 2008, 112, 14267-14272.	1.2	30
66	BUL: A novel lectin from Bauhinia ungulata L. seeds with fungistatic and antiproliferative activities. Process Biochemistry, 2014, 49, 203-209.	1.8	30
67	Partition of lectin from Canavalia grandiflora Benth in aqueous two-phase systems using factorial design. Biochemical Engineering Journal, 2011, 53, 165-171.	1.8	29
68	Molecular Cloning and Characterization of ConBr, the Lectin of Canavalia Brasiliensis Seeds. FEBS Journal, 1997, 248, 43-48.	0.2	28
69	Purification and Characterization of a new Lectin from the Red Marine Alga Hypnea Musciformis. Protein and Peptide Letters, 2002, 9, 159-165.	0.4	28
70	Pro-inflammatory effect of Arum maculatum lectin and role of resident cells. International Journal of Biochemistry and Cell Biology, 2005, 37, 1805-1814.	1.2	28
71	Crystal structures of Cratylia floribunda seed lectin at acidic and basic pHs. Insights into the structural basis of the pH-dependent dimerâ€“tetramer transition. Journal of Structural Biology, 2007, 158, 1-9.	1.3	28
72	Insights into the structural basis of the pH-dependent dimerâ€“tetramer equilibrium through crystallographic analysis of recombinantDiocleinaelectins. Biochemical Journal, 2008, 409, 417-428.	1.7	28

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73	Pharmacological analysis of the neutrophil migration induced by D. rostrata lectin: Involvement of cytokines and nitric oxide. Toxicon, 2009, 54, 736-744.	0.8	28
74	Characterization of Isoforms of the Lectin Isolated from the Red Algae Bryothamnion seaforthii and Its Pro-Healing Effect. Marine Drugs, 2012, 10, 1936-1954.	2.2	28
75	Crystal structure of Dioclea violacea lectin and a comparative study of vasorelaxant properties with Dioclea rostrata lectin. International Journal of Biochemistry and Cell Biology, 2013, 45, 807-815.	1.2	28
76	Characteristics of the histamine release from hamster cheek pouch mast cells stimulated by lectins from Brazilian beans and concanavalin A. Inflammation Research, 1996, 45, 442-447.	1.6	27
77	Differential effect of plant lectins on mast cells of different origins. Brazilian Journal of Medical and Biological Research, 2005, 38, 935-941.	0.7	27
78	H-3, a new lectin from the marine sponge Haliclona caerulea: Purification and mass spectrometric characterization. International Journal of Biochemistry and Cell Biology, 2013, 45, 2864-2873.	1.2	27
79	Antidepressant-like effect of Canavalia brasiliensis (ConBr) lectin in mice: Evidence for the involvement of the glutamatergic system. Pharmacology Biochemistry and Behavior, 2014, 122, 53-60.	1.3	27
80	Structural analysis of Centrolobium tomentosum seed lectin with inflammatory activity. Archives of Biochemistry and Biophysics, 2016, 596, 73-83.	1.4	27
81	Structural studies of a vasorelaxant lectin from Dioclea reflexa Hook seeds: Crystal structure, molecular docking and dynamics. International Journal of Biological Macromolecules, 2017, 98, 12-23.	3.6	27
82	Crystal structure of Dioclea rostrata lectin: Insights into understanding the pH-dependent dimer-tetramer equilibrium and the structural basis for carbohydrate recognition in Diocleinae lectins. Journal of Structural Biology, 2008, 164, 177-182.	1.3	26
83	Complete Genome Sequence of Burkholderia phenoliruptrix BR3459a (CLA1), a Heat-Tolerant, Nitrogen-Fixing Symbiont of Mimosa flocculosa. Journal of Bacteriology, 2012, 194, 6675-6676.	1.0	26
84	A Lectin from Platypodium elegans with Unusual Specificity and Affinity for Asymmetric Complex N-Glycans. Journal of Biological Chemistry, 2012, 287, 26352-26364.	1.6	26
85	Antinociceptive and Anti-inflammatory Effects of a Lectin-Like Substance from Clitoria fairchildiana R. Howard Seeds. Molecules, 2012, 17, 3277-3290.	1.7	26
86	Coal Fly Ash Ceramics: Preparation, Characterization, and Use in the Hydrolysis of Sucrose. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	26
87	One century of ConA and 40â€¯years of ConBr research: A structural review. International Journal of Biological Macromolecules, 2019, 134, 901-911.	3.6	26
88	Prevention of cyclophosphamide-induced hemorrhagic cystitis by glucose-mannose binding plant lectins. Journal of Urology, 1999, 161, 1988-93.	0.2	26
89	cDNA cloning and 1.75â€ƒÃ… crystal structure determination of PPL2, an endochitinase and N-acetylglucosamine-binding hemagglutinin from Parkia platycephala seeds. FEBS Journal, 2006, 273, 3962-3974.	2.2	25
90	Agglutinin isolated from the red marine alga Hypnea cervicornis J. Agardh reduces inflammatory hypernociception: Involvement of nitric oxide. Pharmacology Biochemistry and Behavior, 2010, 96, 371-377.	1.3	25

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91	Effect of Lectins from Diocleinae Subtribe against Oral Streptococci. Molecules, 2011, 16, 3530-3543.	1.7	25
92	Purification and Partial Characterization of a New Pro-Inflammatory Lectin from Bauhinia bauhinioides Mart (Caesalpinoideae) Seeds. Protein and Peptide Letters, 2011, 18, 396-402.	0.4	25
93	Opioidâ€like antinociceptive effects of oral administration of a lectin purified from the seeds of Canavalia brasiliensis. Fundamental and Clinical Pharmacology, 2013, 27, 201-209.	1.0	25
94	High-resolution structure of a new Tn antigen-binding lectin from Vatairea macrocarpa and a comparative analysis of Tn-binding legume lectins. International Journal of Biochemistry and Cell Biology, 2015, 59, 103-110.	1.2	25
95	Crystal structure of DlyL, a mannose-specific lectin from Dioclea lasiophylla Mart. Ex Benth seeds that display cytotoxic effects against C6 glioma cells. International Journal of Biological Macromolecules, 2018, 114, 64-76.	3.6	25
96	Structural characterization of a lectin from Canavalia virosa seeds with inflammatory and cytotoxic activities. International Journal of Biological Macromolecules, 2017, 94, 271-282.	3.6	24
97	Potent antiviral activity of carbohydrate-specific algal and leguminous lectins from the Brazilian biodiversity. MedChemComm, 2019, 10, 390-398.	3.5	24
98	Isolation and characterization of a new agglutinin from the red marine alga Hypnea cervicornis J. Agardh. Biochemistry and Cell Biology, 2006, 84, 49-54.	0.9	23
99	Cloning and molecular modeling of Litopenaeus vannamei (Penaeidae) C-type lectin homologs with mutated mannose binding domain-2. Genetics and Molecular Research, 2011, 10, 650-664.	0.3	23
100	Structure of Dioclea virgata lectin: Relations between carbohydrate binding site and nitric oxide production. Biochimie, 2012, 94, 900-906.	1.3	23
101	Purification and primary structure of a mannose/glucoseâ€binding lectin from Parkia biglobosa Jacq. seeds with antinociceptive and antiâ€inflammatory properties. Journal of Molecular Recognition, 2013, 26, 470-478.	1.1	23
102	Anti-glioma properties of DVL, a lectin purified from Dioclea violacea. International Journal of Biological Macromolecules, 2018, 120, 566-577.	3.6	23
103	Vatairea macrocarpa (Leguminosae) lectin activates cultured macrophages to release chemotactic mediators. Naunyn-Schmiedeberg's Archives of Pharmacology, 2007, 374, 275-282.	1.4	22
104	Crystal structure of Bn IV in complex with myristic acid: A Lys49 myotoxic phospholipase A2 from Bothrops neuwiedi venom. Biochimie, 2011, 93, 513-518.	1.3	22
105	ConBr, a Lectin from Canavalia brasiliensis Seeds, Protects Against Quinolinic Acid-Induced Seizures in Mice. Neurochemical Research, 2012, 37, 288-297.	1.6	22
106	Interactions between indole-3-acetic acid (IAA) with a lectin from Canavalia maritima seeds reveal a new function for lectins in plant physiology. Biochimie, 2013, 95, 1697-1703.	1.3	22
107	Antioxidant potential and cytotoxic activity of two red seaweed species, Amansia multifida and Meristiella echinocarpa, from the coast of Northeastern Brazil. Anais Da Academia Brasileira De Ciencias, 2014, 86, 251-263.	0.3	22
108	Structural Studies of an Anti-Inflammatory Lectin from Canavalia boliviana Seeds in Complex with Dimannosides. PLoS ONE, 2014, 9, e97015.	1.1	22

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109	Molecular Signature in the Photoluminescence of Î±-Glycine, L-Alanine and L-Asparagine Crystals: Detection, ab initio Calculations, and Bio-sensor Applications. AIP Conference Proceedings, 2005, , .	0.3	21
110	Buck (Capra hircus) genes encode new members of the spermadhesin family. Molecular Reproduction and Development, 2008, 75, 8-16.	1.0	21
111	Central action of Araucaria angustifolia seed lectin in mice. Epilepsy and Behavior, 2009, 15, 291-293.	0.9	21
112	Umbelliferone induces changes in the structure and pharmacological activities of Bn IV, a phospholipase A2 isoform isolated from BothropsÂneuwiedi. Toxicon, 2011, 57, 851-860.	0.8	21
113	Effect of the Lectin of Bauhinia variegata and Its Recombinant Isoform on Surgically Induced Skin Wounds in a Murine Model. Molecules, 2011, 16, 9298-9315.	1.7	21
114	Purification and Biological Activities of Abelmoschus esculentus Seed Lectin. Protein Journal, 2012, 31, 674-680.	0.7	21
115	Purification and primary structure determination of a galactose-specific lectin from Vatairea guianensis Aublet seeds that exhibits vasorelaxant effect. Process Biochemistry, 2012, 47, 2347-2355.	1.8	21
116	Inhibition of initial adhesion of oral bacteria through a lectin fromBauhinia variegataL. var. variegata expressed inEscherichia coli. Journal of Applied Microbiology, 2013, 115, 1222-1230.	1.4	21
117	Antinociceptive activity and toxicology of the lectin from Canavalia boliviana seeds in mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 380, 407-414.	1.4	20
118	Molecular Characterization and Tandem Mass Spectrometry of the Lectin Extracted from the Seeds of Dioclea sclerocarpa Ducke. Molecules, 2011, 16, 9077-9089.	1.7	20
119	Crystallization and Characterization of an Inflammatory Lectin Purified from the Seeds of Dioclea wilsonii. Molecules, 2011, 16, 5087-5103.	1.7	20
120	Inactivation of Ovine Cyclooxygenase-1 by Bromoaspirin and Aspirin: A Quantum Chemistry Description. Journal of Physical Chemistry B, 2012, 116, 3270-3279.	1.2	20
121	Purification, Partial Characterization, and CNBr-Sepharose Immobilization of a Vasorelaxant Glucose/Mannose Lectin from Canavalia virosa Seeds. Applied Biochemistry and Biotechnology, 2014, 172, 3342-3353.	1.4	20
122	Canavalia bonariensis lectin: Molecular bases of glycoconjugates interaction and antiglioma potential. International Journal of Biological Macromolecules, 2018, 106, 369-378.	3.6	20
123	Purification and Partial Characterization of a Lectin from Canavalia Grandiflora Benth. Seeds. Protein and Peptide Letters, 2002, 9, 67-73.	0.4	19
124	Lectins from the Red Marine Algal SpeciesBryothamnion seaforthiiandBryothamnion triquetrumas Tools to Differentiate Human Colon Carcinoma Cells. Advances in Pharmacological Sciences, 2009, 2009, 1-6.	3.7	19
125	Purification, Partial Characterization and Immobilization of a Mannose-Specific Lectin from Seeds of Dioclea lasiophylla Mart.. Molecules, 2013, 18, 10857-10869.	1.7	19
126	Lectin purified from Lonchocarpus campestris seeds inhibits inflammatory nociception. International Journal of Biological Macromolecules, 2019, 125, 53-60.	3.6	19

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127	Dalbergieae lectins: A review of lectins from species of a primitive Papilionoideae (leguminous) tribe. International Journal of Biological Macromolecules, 2020, 144, 509-526.	3.6	19
128	Modulation of the pharmacological effects of enzymatically-active PLA2 by BTL-2, an isolectin isolated from the Bryothamnion triquetrum red alga. BMC Biochemistry, 2008, 9, 16.	4.4	18
129	Crystal structure of a pro-inflammatory lectin from the seeds of Dioclea wilsonii Standl. Biochimie, 2012, 94, 525-532.	1.3	18
130	Holothuria grisea agglutinin (<scp>HGA</scp>): the first invertebrate lectin with antiâ€inflammatory effects. Fundamental and Clinical Pharmacology, 2013, 27, 656-668.	1.0	18
131	Antimicrobial Effect of the Triterpene 3Î²,6Î²,16Î²-Trihydroxylup-20(29)-ene on Planktonic Cells and Biofilms from Gram Positive and Gram Negative Bacteria. BioMed Research International, 2014, 2014, 1-7.	0.9	18
132	HGA-2, a novel galactoside-binding lectin from the sea cucumber Holothuria grisea binds to bacterial cells. International Journal of Biological Macromolecules, 2014, 64, 435-442.	3.6	18
133	A novel N-acetyl-glucosamine lectin of Lonchocarpus araripensis attenuates acute cellular inflammation in mice. Inflammation Research, 2016, 65, 43-52.	1.6	18
134	Reviewing Mimosoideae lectins: A group of under explored legume lectins. International Journal of Biological Macromolecules, 2020, 154, 159-165.	3.6	18
135	Purification, Chemical, and Immunochemical Properties of a New Lectin fromMimosoideae (Parkia) Tj ETQq1 1 0.784314 rgBT /Overlo	1.0	17
136	Antifungal activity of lectins against yeast of vaginal secretion. Brazilian Journal of Microbiology, 2012, 43, 770-778.	0.8	17
137	Halilectin 1 (Hâ€1) and Halilectin 2 (Hâ€2): two new lectins isolated from the marine sponge Haliclona caerulea. Journal of Molecular Recognition, 2013, 26, 51-58.	1.1	17
138	Vasorelaxant activity of Canavalia grandiflora seed lectin: A structural analysis. Archives of Biochemistry and Biophysics, 2014, 543, 31-39.	1.4	17
139	Antiproliferative effect of Canavalia brasiliensis lectin on B16F10 cells. Research in Veterinary Science, 2014, 96, 276-282.	0.9	17
140	Algal lectin binding to core (Î±1â€“6) fucosylated N-glycans: Structural basis for specificity and production of recombinant protein. Glycobiology, 2015, 25, 607-616.	1.3	17
141	Lectin from Dioclea violacea induces autophagy in U87 glioma cells. International Journal of Biological Macromolecules, 2019, 134, 660-672.	3.6	17
142	The carbohydrate-binding specificity and molecular modelling of Canavalia maritima and Dioclea grandiflora lectins. Memorias Do Instituto Oswaldo Cruz, 1996, 91, 761-766.	0.8	16
143	Potential immunomodulatory effects of plant lectins in Schistosoma mansoni infection. Acta Tropica, 2008, 108, 160-165.	0.9	16
144	Purification, Characterization, and Preliminary X-Ray Diffraction Analysis of a Lactose-Specific Lectin from Cymbosema roseum Seeds. Applied Biochemistry and Biotechnology, 2009, 152, 383-393.	1.4	16

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145	Antinociceptive Activity of Lectins from Diocleinae Seeds on Acetic Acid-Induced Writhing Test in Mice. Protein and Peptide Letters, 2009, 16, 1088-1092.	0.4	16
146	Vatairea macrocarpa Lectin (VML) Induces Depressive-like Behavior and Expression of Neuroinflammatory Markers in Mice. Neurochemical Research, 2013, 38, 2375-2384.	1.6	16
147	Effect of a casbane diterpene isolated from Croton nepetaefolius on the prevention and control of biofilms formed by bacteria and Candida species. Industrial Crops and Products, 2014, 61, 499-509.	2.5	16
148	Mannose-specific legume lectin from the seeds of Dolichos lablab (FRIL) stimulates inflammatory and hypernociceptive processes in mice. Process Biochemistry, 2014, 49, 529-534.	1.8	16
149	Contribution of the carbohydrate-binding ability of Vatairea guianensis lectin to induce edematogenic activity. Biochimie, 2017, 140, 58-65.	1.3	16
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