

Benildo Cavada

List of Publications by Year in descending order

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285
papers

6,206
citations

76326
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287
all docs

287
docs citations

287
times ranked

4342
citing authors

#	ARTICLE	IF	CITATIONS
1	In depth analysis on the carbohydrate-binding properties of a vasorelaxant lectin from <i>Dioclea lasiophylla</i> Mart Ex. Benth seeds. Journal of Biomolecular Structure and Dynamics, 2022, 40, 6817-6830.	3.5	1
2	Potential protein markers in children with Autistic Spectrum Disorder (ASD) revealed by salivary proteomics. International Journal of Biological Macromolecules, 2022, 199, 243-251.	7.5	4
3	Anti-inflammatory and anti-necrotic effects of lectins from <i>Canavalia ensiformis</i> and <i>Canavalia brasiliensis</i> in experimental acute pancreatitis. Glycoconjugate Journal, 2022, 39, 599-608.	2.7	3
4	Antiproliferative activity of <i>Dioclea violacea</i> lectin in CaCO3 particles on cancer cells after controlled release. Journal of Materials Science, 2022, 57, 8854-8868.	3.7	5
5	ConBr lectin modulates MAPKs and Akt pathways and triggers autophagic glioma cell death by a mechanism dependent upon caspase-8 activation. Biochimie, 2021, 180, 186-204.	2.6	14
6	Differential vasodilator effect of <i>Dioclea rostrata</i> lectin in conductance and resistance arteries: Mechanisms and glycoconjugate binding relationships. Basic and Clinical Pharmacology and Toxicology, 2021, 129, 130-138.	2.5	0
7	A review of Viciae lectins studies: End of the book or a story in the writing?. International Journal of Biological Macromolecules, 2021, 181, 1104-1123.	7.5	3
8	<i>Vatairea guianensis</i> lectin stimulates changes in gene expression and release of TNF α from rat peritoneal macrophages via glycoconjugate binding. Journal of Molecular Recognition, 2021, 34, e2922.	2.1	3
9	Lectins applied to diagnosis and treatment of prostate cancer and benign hyperplasia: A review. International Journal of Biological Macromolecules, 2021, 190, 543-553.	7.5	4
10	Purification and characterization of a highly thermostable GlcNAc-binding lectin from <i>Collaea speciosa</i> seeds. International Journal of Biological Macromolecules, 2021, 193, 1562-1571.	7.5	3
11	Dalbergieae lectins: A review of lectins from species of a primitive Papilionoideae (leguminous) tribe. International Journal of Biological Macromolecules, 2020, 144, 509-526.	7.5	19
12	Molecular dynamics and binding energy analysis of <i>Vatairea guianensis</i> lectin: a new tool for cancer studies. Journal of Molecular Modeling, 2020, 26, 22.	1.8	3
13	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. International Journal of Biological Macromolecules, 2020, 145, 845-855.	7.5	11
14	Comprehensive review on Caelsalpinoideae lectins: From purification to biological activities. International Journal of Biological Macromolecules, 2020, 162, 333-348.	7.5	10
15	Antinociceptive effect of <i>Lonchocarpus araripensis</i> lectin: activation of l-arginine/NO/cGMP/K+ATP signaling pathway. Inflammopharmacology, 2020, 28, 1623-1631.	3.9	4
16	Exploring the carbohydrate-binding ability of <i>Canavalia bonariensis</i> lectin in inflammation models. Journal of Molecular Recognition, 2020, 33, e2870.	2.1	3
17	The Lectin Isolated from the Alga <i>Hypnea cervicornis</i> Promotes Antinociception in Rats Subjected to Zymosan-Induced Arthritis: Involvement of cGMP Signalization and Cytokine Expression. Inflammation, 2020, 43, 1446-1454.	3.8	4
18	Reviewing Mimosoideae lectins: A group of under explored legume lectins. International Journal of Biological Macromolecules, 2020, 154, 159-165.	7.5	18

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19	Heterologous production of α -chain of Dioclea sclerocarpa lectin: Enhancing the biological effects of a wild-type lectin. International Journal of Biological Macromolecules, 2020, 156, 1-9.	7.5	0
20	A Diocleinae type II lectin from Dioclea lasiophylla Mart. Ex Benth seeds specific to α -lactose/GalNAc. Process Biochemistry, 2020, 93, 104-114.	3.7	4
21	Inhibitory effect of Lonchocarpus araripensis lectin in rat acute models of inflammation. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20180991.	0.8	7
22	Potent antiviral activity of carbohydrate-specific algal and leguminous lectins from the Brazilian biodiversity. MedChemComm, 2019, 10, 390-398.	3.4	24
23	ConA-Like Lectins: High Similarity Proteins as Models to Study Structure/Biological Activities Relationships. International Journal of Molecular Sciences, 2019, 20, 30.	4.1	47
24	One century of ConA and 40 years of ConBr research: A structural review. International Journal of Biological Macromolecules, 2019, 134, 901-911.	7.5	26
25	Lectin from Dioclea violacea induces autophagy in U87 glioma cells. International Journal of Biological Macromolecules, 2019, 134, 660-672.	7.5	17
26	Dioclea violacea lectin ameliorates inflammation in the temporomandibular joint of rats by suppressing intercellular adhesion molecule-1 expression. Biochimie, 2019, 158, 34-42.	2.6	13
27	Lectin purified from Lonchocarpus campestris seeds inhibits inflammatory nociception. International Journal of Biological Macromolecules, 2019, 125, 53-60.	7.5	19
28	ConBr, the Lectin from Canavalia brasiliensis Mart. Seeds: Forty Years of Research. Current Protein and Peptide Science, 2019, 20, 600-613.	1.4	11
29	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.	7.5	25
30	Structural studies and nociceptive activity of a native lectin from Platypodium elegans seeds (nPELa). International Journal of Biological Macromolecules, 2018, 107, 236-246.	7.5	10
31	Canavalia bonariensis lectin: Molecular bases of glycoconjugates interaction and antiglioma potential. International Journal of Biological Macromolecules, 2018, 106, 369-378.	7.5	20
32	Structural analysis, molecular docking and molecular dynamics of an edematogenic lectin from Centrolobium microchaete seeds. International Journal of Biological Macromolecules, 2018, 117, 124-133.	7.5	12
33	Homology modeling, molecular docking, and dynamics of two α -methyl-d-mannoside-specific lectins from Arachis genus. Journal of Molecular Modeling, 2018, 24, 251.	1.8	5
34	Anti-glioma properties of DVL, a lectin purified from Dioclea violacea. International Journal of Biological Macromolecules, 2018, 120, 566-577.	7.5	23
35	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.	7.5	27
36	Molecular modeling, docking and dynamics simulations of the Dioclea lasiophylla Mart. Ex Benth seed lectin: An edematogenic and hypernociceptive protein. Biochimie, 2017, 135, 126-136.	2.6	11

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37	SAM of Gliotoxin on Gold: A Natural Product Platform for Sugar Recognition based on the Immobilization of Canavalia brasiliensis lectin (ConBr). <i>Electrochimica Acta</i> , 2017, 241, 116-123.	5.2	8
38	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.	7.5	14
39	Structural analysis of <i>Dioclea lasiocarpa</i> lectin: A C6 cells apoptosis-inducing protein. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 92, 79-89.	2.8	12
40	The potent anti-cancer activity of <i>Dioclea lasiocarpa</i> lectin. <i>Journal of Inorganic Biochemistry</i> , 2017, 175, 179-189.	3.5	34
41	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.	3.0	9
42	Hydrochar as protein support: preservation of biomolecule properties with non-covalent immobilization. <i>Journal of Materials Science</i> , 2017, 52, 13378-13389.	3.7	8
43	Contribution of the carbohydrate-binding ability of <i>Vatairea guianensis</i> lectin to induce edematogenic activity. <i>Biochimie</i> , 2017, 140, 58-65.	2.6	16
44	Lectin from <i>Canavalia villosa</i> seeds: A glucose/mannose-specific protein and a new tool for inflammation studies. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 272-280.	7.5	12
45	ConBr, A Lectin Purified from the Seeds of <i>Canavalia brasiliensis</i> , Protects Against Ischemia in Organotypic Culture of Rat Hippocampus: Potential Implication of Voltage-Gated Calcium Channels. <i>Neurochemical Research</i> , 2017, 42, 347-359.	3.3	3
46	Structural characterization of a lectin from <i>Canavalia virosa</i> seeds with inflammatory and cytotoxic activities. <i>International Journal of Biological Macromolecules</i> , 2017, 94, 271-282.	7.5	24
47	The lectin isolated from <i>Lonchocarpus araripensis</i> seed elicits endothelium-dependent vasorelaxation. <i>Journal of Health & Biological Sciences</i> , 2017, 5, 306-310.	0.2	3
48	Purification and molecular characterization of a novel mannose-specific lectin from <i>Dioclea reflexa</i> hook seeds with inflammatory activity. <i>Journal of Molecular Recognition</i> , 2016, 29, 134-141.	2.1	15
49	Structure prediction and functional analysis of a non-permutated lectin from <i>Dioclea grandiflora</i> . <i>Biochimie</i> , 2016, 131, 54-67.	2.6	3
50	The leguminous lectin of <i>Lonchocarpus araripensis</i> promotes antinociception via mechanisms that include neuronal inhibition of Na ⁺ currents. <i>Inflammation Research</i> , 2016, 65, 701-708.	4.0	6
51	Lectins from <i>Parkia biglobosa</i> and <i>Parkia platycephala</i> : A comparative study of structure and biological effects. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 194-201.	7.5	15
52	Purification of a thermostable antinociceptive lectin isolated from <i>Andira anthelmia</i> . <i>Journal of Molecular Recognition</i> , 2016, 29, 248-252.	2.1	14
53	Structural characterization of a <i>Vatairea macrocarpa</i> lectin in complex with a tumor-associated antigen: A new tool for cancer research. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 72, 27-39.	2.8	12
54	Structural analysis of a <i>Dioclea sclerocarpa</i> lectin: Study on the vasorelaxant properties of <i>Dioclea</i> lectins. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 464-470.	7.5	15

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55	Structural analysis of <i>Centrolobium tomentosum</i> seed lectin with inflammatory activity. Archives of Biochemistry and Biophysics, 2016, 596, 73-83.	3.0	27
56	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.	8.2	66
57	A novel N-acetyl-glucosamine lectin of <i>Lonchocarpus araripensis</i> attenuates acute cellular inflammation in mice. Inflammation Research, 2016, 65, 43-52.	4.0	18
58	A novel vasorelaxant lectin purified from seeds of <i>Clathrotropis nitida</i> : partial characterization and immobilization in chitosan beads. Archives of Biochemistry and Biophysics, 2015, 588, 33-40.	3.0	2
59	The galactose-binding lectin isolated from <i>Bauhinia bauhinioides</i> Mart seeds inhibits neutrophil rolling and adhesion via primary cytokines. Journal of Molecular Recognition, 2015, 28, 285-292.	2.1	9
60	Hemagglutinating/Hemolytic activities in extracts of marine invertebrates from the Brazilian coast and isolation of two lectins from the marine sponge <i>Cliona varians</i> and the sea cucumber <i>Holothuria grisea</i> . Anais Da Academia Brasileira De Ciencias, 2015, 87, 973-984.	0.8	11
61	The effect of <i>Cratylia floribunda</i> lectin on renal hemodynamics and ion transport. Brazilian Journal of Pharmaceutical Sciences, 2015, 51, 755-761.	1.2	2
62	High-resolution structure of a new Tn antigen-binding lectin from <i>Vatairea macrocarpa</i> and a comparative analysis of Tn-binding legume lectins. International Journal of Biochemistry and Cell Biology, 2015, 59, 103-110.	2.8	25
63	Structural basis of ConM binding with resveratrol, an anti-inflammatory and antioxidant polyphenol. International Journal of Biological Macromolecules, 2015, 72, 1136-1142.	7.5	15
64	Algal lectin binding to core (1-6) fucosylated N-glycans: Structural basis for specificity and production of recombinant protein. Glycobiology, 2015, 25, 607-616.	2.5	17
65	Seed structure in <i>Canavalia brasiliensis</i> Mart. ex Benth. (Leguminosae) and subcellular localization of ConBr lectin: Implications for ConBr biological functions. Flora: Morphology, Distribution, Functional Ecology of Plants, 2015, 215, 46-53.	1.2	2
66	L-rhamnose-binding lectin from eggs of the <i>Echinometra lucunter</i> : Amino acid sequence and molecular modeling. International Journal of Biological Macromolecules, 2015, 78, 180-188.	7.5	15
67	A chromophore-containing agglutinin from <i>Haliclona manglaris</i> : Purification and biochemical characterization. International Journal of Biological Macromolecules, 2015, 72, 1368-1375.	7.5	5
68	Purification and primary structure of a novel mannose-specific lectin from <i>Centrolobium microchaete</i> Mart seeds. International Journal of Biological Macromolecules, 2015, 81, 600-607.	7.5	15
69	CRLI induces vascular smooth muscle relaxation and suggests a dual mechanism of eNOS activation by legume lectins via muscarinic receptors and shear stress. Archives of Biochemistry and Biophysics, 2015, 565, 32-39.	3.0	10
70	<i>Dioclea violacea</i> lectin ameliorates oxidative stress and renal dysfunction in an experimental model of acute kidney injury. American Journal of Translational Research (discontinued), 2015, 7, 2573-88.	0.0	3
71	Coal Fly Ash Ceramics: Preparation, Characterization, and Use in the Hydrolysis of Sucrose. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	26
72	A Lectin from <i>Dioclea violacea</i> Interacts with Midgut Surface of <i>Lutzomyia migonei</i> , Unlike Its Homologues, <i>Cratylia floribunda</i> Lectin and <i>Canavalia gladiata</i> Lectin. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	3

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73	Physico-chemical characterization and partial sequence of a lectin from <i>Canavalia bonariensis</i> Lindl seeds. BMC Proceedings, 2014, 8, .	1.6	2
74	Antimicrobial Effect of the Triterpene 3<i>Î ² ,6<i>Î ² ,16<i>Î ² -Trihydroxylup-20(29)-ene on Planktonic Cells and Biofilms from Gram Positive and Gram Negative Bacteria. BioMed Research International, 2014, 2014, 1-7.	1.9	18
75	Antibacterial and Antioxidant Activities of Derriobtusone A Isolated from<i>Lonchocarpus obtusus</i>. BioMed Research International, 2014, 2014, 1-9.	1.9	9
76	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.	1.9	37
77	Effect of a casbane diterpene isolated from <i>Croton nepetaefolius</i> on the prevention and control of biofilms formed by bacteria and <i>Candida</i> species. Industrial Crops and Products, 2014, 61, 499-509.	5.2	16
78	Mannose-specific legume lectin from the seeds of <i>Dolichos lablab</i> (FRIL) stimulates inflammatory and hypernociceptive processes in mice. Process Biochemistry, 2014, 49, 529-534.	3.7	16
79	Purification, Partial Characterization, and CNBr-Sepharose Immobilization of a Vasorelaxant Glucose/Mannose Lectin from <i>Canavalia virosa</i> Seeds. Applied Biochemistry and Biotechnology, 2014, 172, 3342-3353.	2.9	20
80	Purification, characterization and partial sequence of a pro- ∞ inflammatory lectin from seeds of <i>Canavalia oxyphylla</i> Standl. & L. O. Williams. Journal of Molecular Recognition, 2014, 27, 117-123.	2.1	14
81	HGA-2, a novel galactoside-binding lectin from the sea cucumber <i>Holothuria grisea</i> binds to bacterial cells. International Journal of Biological Macromolecules, 2014, 64, 435-442.	7.5	18
82	ConBr, a lectin from <i>Canavalia brasiliensis</i> seeds, modulates signaling pathways and increases BDNF expression probably via a glycosylated target. Journal of Molecular Recognition, 2014, 27, 746-754.	2.1	8
83	Study of the bioconjugation of ternary alloyed ZnCdTe nanocrystals to Concanavalin A. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 295, 46-52.	3.9	2
84	Antidepressant-like effect of <i>Canavalia brasiliensis</i> (ConBr) lectin in mice: Evidence for the involvement of the glutamatergic system. Pharmacology Biochemistry and Behavior, 2014, 122, 53-60.	2.9	27
85	Vasorelaxant activity of <i>Canavalia grandiflora</i> seed lectin: A structural analysis. Archives of Biochemistry and Biophysics, 2014, 543, 31-39.	3.0	17
86	BUL: A novel lectin from <i>Bauhinia unguolata</i> L. seeds with fungistatic and antiproliferative activities. Process Biochemistry, 2014, 49, 203-209.	3.7	30
87	Antiproliferative effect of <i>Canavalia brasiliensis</i> lectin on B16F10 cells. Research in Veterinary Science, 2014, 96, 276-282.	1.9	17
88	Antioxidant potential and cytotoxic activity of two red seaweed species, <i>Amansia multifida</i> and <i>Meristiella echinocarpa</i> , from the coast of Northeastern Brazil. Anais Da Academia Brasileira De Ciencias, 2014, 86, 251-263.	0.8	22
89	Purification and Partial Characterization of a New Mannose/Glucose-Specific Lectin from <i>Centrolobium tomentosum</i> Guill. ex Benth Seeds Exhibiting Low Toxicity on <i>Artemia</i> sp.. International Journal of Indigenous Medicinal Plants, 2014, 47, 1567-1577.	1.0	2
90	Structural Studies of an Anti-Inflammatory Lectin from <i>Canavalia boliviana</i> Seeds in Complex with Dimannosides. PLoS ONE, 2014, 9, e97015.	2.5	22

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91	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.	2.8	28
92	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.	2.8	27
93	Antimicrobial activity of the synthetic peptide Lys-a1 against oral streptococci. Peptides, 2013, 42, 78-83.	2.4	40
94	Effects of Canavalia lectins on Acute Inflammation in Sensitized and Non-sensitized Rats. Inflammation, 2013, 36, 713-722.	3.8	11
95	Anti-inflammatory and Antinociceptive Activity of Chitin-binding Lectin from Canna Limbata Seeds. Applied Biochemistry and Biotechnology, 2013, 171, 1944-1955.	2.9	11
96	Lectin from Canavalia brasiliensis (ConBr) protects hippocampal slices against glutamate neurotoxicity in a manner dependent of PI3K/Akt pathway. Neurochemistry International, 2013, 62, 836-842.	3.8	15
97	An ab initio explanation of the activation and antagonism strength of an AMPA-sensitive glutamate receptor. RSC Advances, 2013, 3, 14988.	3.6	12
98	<i>Holothuria grisea</i> agglutinin (HGA): the first invertebrate lectin with anti-inflammatory effects. Fundamental and Clinical Pharmacology, 2013, 27, 656-668.	1.9	18
99	Halilectin 1 (H1) and Halilectin 2 (H2): two new lectins isolated from the marine sponge <i>Haliclona caerulea</i> . Journal of Molecular Recognition, 2013, 26, 51-58.	2.1	17
100	Neutrophil-infiltrated paw edema induced by mannose-binding Dioclea violacea lectin. Pharmacological Reports, 2013, 65, 220-225.	3.3	9
101	Binding pattern and toxicological effects of lectins from genus Canavalia on bovine sperm. Reproductive Toxicology, 2013, 38, 72-80.	2.9	6
102	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.	2.6	22
103	Purification and partial characterization of a new mannose/glucose-specific lectin from <i>Dialium guineense</i> Willd seeds that exhibits toxic effect. Journal of Molecular Recognition, 2013, 26, 351-356.	2.1	7
104	Purification and primary structure of a mannose/glucose-binding lectin from <i>Parkia biglobosa</i> Jacq. seeds with antinociceptive and anti-inflammatory properties. Journal of Molecular Recognition, 2013, 26, 470-478.	2.1	23
105	Vatairea macrocarpa Lectin (VML) Induces Depressive-like Behavior and Expression of Neuroinflammatory Markers in Mice. Neurochemical Research, 2013, 38, 2375-2384.	3.3	16
106	Opioid-like antinociceptive effects of oral administration of a lectin purified from the seeds of <i>Canavalia brasiliensis</i> . Fundamental and Clinical Pharmacology, 2013, 27, 201-209.	1.9	25
107	Molecular Modeling of Lectin-Like Protein from <i>Acacia farnesiana</i> Reveals a Possible Anti-Inflammatory Mechanism in Carrageenan-Induced Inflammation. BioMed Research International, 2013, 2013, 1-9.	1.9	7
108	Toxicity and Binding Profile of Lectins from the Genus <i>Canavalia</i> on Brine Shrimp. BioMed Research International, 2013, 2013, 1-7.	1.9	13

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109	Inhibition of initial adhesion of oral bacteria through a lectin from <i>Bauhinia variegata</i> L. var. <i>variegata</i> expressed in <i>Escherichia coli</i> . Journal of Applied Microbiology, 2013, 115, 1222-1230.	3.1	21
110	Inflammatory and Hyperalgesic Effects of Oxidized Multi-Walled Carbon Nanotubes in Rats. Journal of Nanoscience and Nanotechnology, 2013, 13, 5276-5282.	0.9	3
111	Effect of Leguminous Lectins on the Growth of <i>Rhizobium tropici</i> CIAT899. Molecules, 2013, 18, 5792-5803.	3.8	6
112	Purification, Partial Characterization and Immobilization of a Mannose-Specific Lectin from Seeds of <i>Dioclea lasiophylla</i> Mart.. Molecules, 2013, 18, 10857-10869.	3.8	19
113	Homologous Canavalia Lectins Elicit Different Patterns of Antinociceptive Responses. Natural Product Communications, 2013, 8, 1934578X1300801.	0.5	3
114	Isoform Characterisation, Heterologous Expression and Functional Analysis of Two Lectins from <i>Vatairea macrocarpa</i> . Protein and Peptide Letters, 2013, 20, 1204-1210.	0.9	3
115	Homologous Canavalia lectins elicit different patterns of antinociceptive responses. Natural Product Communications, 2013, 8, 1621-4.	0.5	4
116	Complete Genome Sequence of <i>Burkholderia phenoliruptrix</i> BR3459a (CLA1), a Heat-Tolerant, Nitrogen-Fixing Symbiont of <i>Mimosa flocculosa</i> . Journal of Bacteriology, 2012, 194, 6675-6676.	2.2	26
117	A Lectin from <i>Platypodium elegans</i> with Unusual Specificity and Affinity for Asymmetric Complex N-Glycans. Journal of Biological Chemistry, 2012, 287, 26352-26364.	3.4	26
118	Antifungal activity of lectins against yeast of vaginal secretion. Brazilian Journal of Microbiology, 2012, 43, 770-778.	2.0	17
119	Characterization of Isoforms of the Lectin Isolated from the Red Algae <i>Bryothamnion seaforthii</i> and Its Pro-Healing Effect. Marine Drugs, 2012, 10, 1936-1954.	4.6	28
120	An overview of lectins purification strategies. Journal of Molecular Recognition, 2012, 25, 527-541.	2.1	54
121	Purification and partial characterization of a novel lectin from <i>Dioclea lasiocarpa</i> Mart seeds with vasodilator effects. Journal of Molecular Recognition, 2012, 25, 657-664.	2.1	13
122	Purification and Biological Activities of <i>Abelmoschus esculentus</i> Seed Lectin. Protein Journal, 2012, 31, 674-680.	1.6	21
123	Inactivation of Ovine Cyclooxygenase-1 by Bromoaspirin and Aspirin: A Quantum Chemistry Description. Journal of Physical Chemistry B, 2012, 116, 3270-3279.	2.6	20
124	Expression, purification and structural analysis of recombinant rBdh-2His6, a spermadhesin from buck (<i>Capra hircus</i>) seminal plasma. Reproduction, Fertility and Development, 2012, 24, 580.	0.4	3
125	Crystal structure of the lectin of <i>Camptosema pedicellatum</i> : implications of a conservative substitution at the hydrophobic subsite. Journal of Biochemistry, 2012, 152, 87-98.	1.7	12
126	Crystal structure of a pro-inflammatory lectin from the seeds of <i>Dioclea wilsonii</i> Standl. Biochimie, 2012, 94, 525-532.	2.6	18

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127	Structure of Dioclea virgata lectin: Relations between carbohydrate binding site and nitric oxide production. Biochimie, 2012, 94, 900-906.	2.6	23
128	Antimicrobial peptide control of pathogenic microorganisms of the oral cavity: A review of the literature. Peptides, 2012, 36, 315-321.	2.4	85
129	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.	3.7	21
130	Explaining statin inhibition effectiveness of HMG-CoA reductase by quantum biochemistry computations. Physical Chemistry Chemical Physics, 2012, 14, 1389-1398.	2.8	61
131	Antinociceptive and Anti-inflammatory Effects of a Lectin-Like Substance from Clitoria fairchildiana R. Howard Seeds. Molecules, 2012, 17, 3277-3290.	3.8	26
132	Lectin from Canavalia brasiliensis Seeds (ConBr) Is a Valuable Biotechnological Tool to Stimulate the Growth of Rhizobium tropici in Vitro. Molecules, 2012, 17, 5244-5254.	3.8	12
133	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. Rapid Communications in Mass Spectrometry, 2012, 26, 811-818.	1.5	11
134	Purification and characterization of a mannose/ <i>N</i> -acetylglucosamine-specific lectin from the seeds of <i>Platymiscium floribundum</i> Vogel. Journal of Molecular Recognition, 2012, 25, 443-449.	2.1	15
135	Antimicrobial and antibiofilm action of Casbane Diterpene from Croton nepetaefolius against oral bacteria. Archives of Oral Biology, 2012, 57, 550-555.	1.8	49
136	Effects of a lectin-like protein isolated from Acacia farnesiana seeds on phytopathogenic bacterial strains and root-knot nematode. Pesticide Biochemistry and Physiology, 2012, 103, 15-22.	3.6	15
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