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	In depth analysis on the carbohydrate-binding properties of a vasorelaxant lectin from Dioclea lasiophylla Mart Ex. Benth seeds. Journal of Biomolecular Structure and Dynamics, 2022, 40, 6817-6830.	2.0	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.	3.6	4
3	Anti-inflammatory and anti-necrotic effects of lectins from Canavalia ensiformis and Canavalia brasiliensis in experimental acute pancreatitis. Glycoconjugate Journal, 2022, 39, 599-608.	1.4	3
4	Antiproliferative activity of Dioclea violacea lectin in CaCO3 particles on cancer cells after controlled release. Journal of Materials Science, 2022, 57, 8854-8868.	1.7	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.	1.3	14
6	Differential vasodilator effect of Dioclea rostrata lectin in conductance and resistance arteries: Mechanisms and glycoconjugate binding relationships. Basic and Clinical Pharmacology and Toxicology, 2021, 129, 130-138.	1.2	0
7	A review of Vicieae lectins studies: End of the book or a story in the writing?. International Journal of Biological Macromolecules, 2021, 181, 1104-1123.	3.6	3
8	Vatairea guianensis lectin stimulates changes in gene expression and release of TNF â€Î± from rat peritoneal macrophages via glycoconjugate binding. Journal of Molecular Recognition, 2021, 34, e2922.	1.1	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.	3.6	4
10	Purification and characterization of a highly thermostable GlcNAc-binding lectin from Collaea speciosa seeds. International Journal of Biological Macromolecules, 2021, 193, 1562-1571.	3.6	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.	3.6	19
12	Molecular dynamics and binding energy analysis of Vatairea guianensis lectin: a new tool for cancer studies. Journal of Molecular Modeling, 2020, 26, 22.	0.8	3
13	Purification and partial characterization of a new lectin from Parkia panurensis 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.	3.6	11
14	Comprehensive review on Caelsalpinioideae lectins: From purification to biological activities. International Journal of Biological Macromolecules, 2020, 162, 333-348.	3.6	10
15	Antinociceptive effect of Lonchocarpus araripensis lectin: activation of l-arginine/NO/cGMP/K+ATP signaling pathway. Inflammopharmacology, 2020, 28, 1623-1631.	1.9	4
16	Exploring the carbohydrateâ€binding ability of Canavalia bonariensis lectin in inflammation models. Journal of Molecular Recognition, 2020, 33, e2870.	1.1	3
17	The Lectin Isolated from the Alga Hypnea cervicornis Promotes Antinociception in Rats Subjected to Zymosan-Induced Arthritis: Involvement of cGMP Signalization and Cytokine Expression. Inflammation, 2020, 43, 1446-1454.	1.7	4
18	Reviewing Mimosoideae lectins: A group of under explored legume lectins. International Journal of Biological Macromolecules, 2020, 154, 159-165.	3.6	18

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19	Heterologous production of Î±-chain of Dioclea sclerocarpa lectin: Enhancing the biological effects of a wild-type lectin. International Journal of Biological Macromolecules, 2020, 156, 1-9.	3.6	0
20	A Diocleinae type II lectin from Dioclea lasiophylla Mart. Ex Benth seeds specific to Î±-lactose/GalNAc. Process Biochemistry, 2020, 93, 104-114.	1.8	4
21	Inhibitory effect of Lonchocarpus araripensis lectin in rat acute models of inflammation. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20180991.	0.3	7
22	Potent antiviral activity of carbohydrate-specific algal and leguminous lectins from the Brazilian biodiversity. MedChemComm, 2019, 10, 390-398.	3.5	24
23	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
24	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
25	Lectin from Dioclea violacea induces autophagy in U87 glioma cells. International Journal of Biological Macromolecules, 2019, 134, 660-672.	3.6	17
26	Dioclea violacea lectin ameliorates inflammation in the temporomandibular joint of rats by suppressing intercellular adhesionÂmolecule-1 expression. Biochimie, 2019, 158, 34-42.	1.3	13
27	Lectin purified from Lonchocarpus campestris seeds inhibits inflammatory nociception. International Journal of Biological Macromolecules, 2019, 125, 53-60.	3.6	19
28	ConBr, the Lectin from Canavalia brasiliensis Mart. Seeds: Forty Years of Research. Current Protein and Peptide Science, 2019, 20, 600-613.	0.7	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.	3.6	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.	3.6	10
31	Canavalia bonariensis lectin: Molecular bases of glycoconjugates interaction and antiglioma potential. International Journal of Biological Macromolecules, 2018, 106, 369-378.	3.6	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.	3.6	12
33	Homology modeling, molecular docking, and dynamics of two Î±-methyl-d-mannoside-specific lectins from Arachis genus. Journal of Molecular Modeling, 2018, 24, 251.	0.8	5
34	Anti-glioma properties of DVL, a lectin purified from Dioclea violacea. International Journal of Biological Macromolecules, 2018, 120, 566-577.	3.6	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.	3.6	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.	1.3	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). Electrochimica Acta, 2017, 241, 116-123.	2.6	8
38	Partial characterization and immobilization in CNBr-activated Sepharose of a native lectin from Platypodium elegans seeds (PELa) and comparative study of edematogenic effect with the recombinant form. International Journal of Biological Macromolecules, 2017, 102, 323-330.	3.6	14
39	Structural analysis of Dioclea lasiocarpa lectin: A C6 cells apoptosis-inducing protein. International Journal of Biochemistry and Cell Biology, 2017, 92, 79-89.	1.2	12
40	The potent anti-cancer activity of Dioclea lasiocarpa lectin. Journal of Inorganic Biochemistry, 2017, 175, 179-189.	1.5	34
41	Crystal structure of Pisum arvense seed lectin (PAL) and characterization of its interaction with carbohydrates by molecularÂdocking and dynamics. Archives of Biochemistry and Biophysics, 2017, 630, 27-37.	1.4	9
42	Hydrochar as protein support: preservation of biomolecule properties with non-covalent immobilization. Journal of Materials Science, 2017, 52, 13378-13389.	1.7	8
43	Contribution of the carbohydrate-binding ability of Vatairea guianensis lectin to induce edematogenic activity. Biochimie, 2017, 140, 58-65.	1.3	16
44	Lectin from Canavalia villosa seeds: A glucose/mannose-specific protein and a new tool for inflammation studies. International Journal of Biological Macromolecules, 2017, 105, 272-280.	3.6	12
45	ConBr, A Lectin Purified from the Seeds of Canavalia brasiliensis, Protects Against Ischemia in Organotypic Culture of Rat Hippocampus: Potential Implication of Voltage-Gated Calcium Channels. Neurochemical Research, 2017, 42, 347-359.	1.6	3
46	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
47	The lectin isolated from Lonchocarpus araripensis seed elicits endothelium-dependent vasorelaxation. Journal of Health & Biological Sciences, 2017, 5, 306-310.	0.0	3
48	Purification and molecular characterization of a novel mannoseâ€specific lectin from Dioclea reflexa hook seeds with inflammatory activity. Journal of Molecular Recognition, 2016, 29, 134-141.	1.1	15
49	Structure prediction and functional analysis of a non-permutated lectin from Dioclea grandiflora. Biochimie, 2016, 131, 54-67.	1.3	3
50	The leguminous lectin of Lonchocarpus araripensis promotes antinociception via mechanisms that include neuronal inhibition of Na+ currents. Inflammation Research, 2016, 65, 701-708.	1.6	6
51	Lectins from Parkia biglobosa and Parkia platycephala: A comparative study of structure and biological effects. International Journal of Biological Macromolecules, 2016, 92, 194-201.	3.6	15
52	Purification of a thermostable antinociceptive lectin isolated from Andira anthelmia. Journal of Molecular Recognition, 2016, 29, 248-252.	1.1	14
53	Structural characterization of a Vatairea macrocarpa lectin in complex with a tumor-associated antigen: A new tool for cancer research. International Journal of Biochemistry and Cell Biology, 2016, 72, 27-39.	1.2	12
54	Structural analysis of a Dioclea sclerocarpa lectin: Study on the vasorelaxant properties of Dioclea lectins. International Journal of Biological Macromolecules, 2016, 82, 464-470.	3.6	15

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55	Structural analysis of Centrolobium tomentosum seed lectin with inflammatory activity. Archives of Biochemistry and Biophysics, 2016, 596, 73-83.	1.4	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.	3.8	66
57	A novel N-acetyl-glucosamine lectin of Lonchocarpus araripensis attenuates acute cellular inflammation in mice. Inflammation Research, 2016, 65, 43-52.	1.6	18
58	A novel vasorelaxant lectin purified from seeds of Clathrotropis nitida : partial characterization and immobilization in chitosan beads. Archives of Biochemistry and Biophysics, 2015, 588, 33-40.	1.4	2
59	The galactoseâ€binding lectin isolated from Bauhinia bauhinioides Mart seeds inhibits neutrophil rolling and adhesion via primary cytokines. Journal of Molecular Recognition, 2015, 28, 285-292.	1.1	9
60	Hemagglutinating/Hemolytic activities in extracts of marine invertebrates from the Brazilian coast and isolation of two lectins from the marine sponge Cliona varians and the sea cucumber Holothuria grisea. Anais Da Academia Brasileira De Ciencias, 2015, 87, 973-984.	0.3	11
61	The effect of Cratylia floribunda 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 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
63	Structural basis of ConM binding with resveratrol, an anti-inflammatory and antioxidant polyphenol. International Journal of Biological Macromolecules, 2015, 72, 1136-1142.	3.6	15
64	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
65	Seed structure in Canavalia brasiliensis 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.	0.6	2
66	l-rhamnose-binding lectin from eggs of the Echinometra lucunter: Amino acid sequence and molecular modeling. International Journal of Biological Macromolecules, 2015, 78, 180-188.	3.6	15
67	A chromophore-containing agglutinin from Haliclona manglaris: Purification and biochemical characterization. International Journal of Biological Macromolecules, 2015, 72, 1368-1375.	3.6	5
68	Purification and primary structure of a novel mannose-specific lectin from Centrolobium microchaete Mart seeds. International Journal of Biological Macromolecules, 2015, 81, 600-607.	3.6	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.	1.4	10
70	Dioclea violacea 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.	0.8	26
72	A Lectin fromDioclea violaceaInteracts with Midgut Surface ofLutzomyia migonei, Unlike Its Homologues,Cratylia floribundaLectin andCanavalia gladiataLectin. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	3

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73	Physico-chemical characterization and partial sequence of a lectin from Canavalia bonariensis Lindl seeds. BMC Proceedings, 2014, 8, .	1.8	2
74	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
75	Antibacterial and Antioxidant Activities of Derriobtusone A Isolated fromLonchocarpus obtusus. BioMed Research International, 2014, 2014, 1-9.	0.9	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.	0.9	37
77	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
78	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
79	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
80	Purification, characterization and partial sequence of a proâ€inflammatory lectin from seeds of Canavalia oxyphylla Standl. & L. O. Williams. Journal of Molecular Recognition, 2014, 27, 117-123.	1.1	14
81	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
82	ConBr, a lectin from Canavalia brasiliensis seeds, modulates signaling pathways and increases BDNF expression probably via a glycosylated target. Journal of Molecular Recognition, 2014, 27, 746-754.	1.1	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.	2.0	2
84	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
85	Vasorelaxant activity of Canavalia grandiflora seed lectin: A structural analysis. Archives of Biochemistry and Biophysics, 2014, 543, 31-39.	1.4	17
86	BUL: A novel lectin from Bauhinia ungulata L. seeds with fungistatic and antiproliferative activities. Process Biochemistry, 2014, 49, 203-209.	1.8	30
87	Antiproliferative effect of Canavalia brasiliensis lectin on B16F10 cells. Research in Veterinary Science, 2014, 96, 276-282.	0.9	17
88	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
89	Purification and Partial Characterization of a New Mannose/Glucose-Specific Lectin from Centrolobium tomentosum Guill. ex Benth Seeds Exhibiting Low Toxicity on Artemia sp.. International Journal of Indigenous Medicinal Plants, 2014, 47, 1567-1577.	1.0	2
90	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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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.	1.2	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.	1.2	27
93	Antimicrobial activity of the synthetic peptide Lys-a1 against oral streptococci. Peptides, 2013, 42, 78-83.	1.2	40
94	Effects of Canavalia lectins on Acute Inflammation in Sensitized and Non-sensitized Rats. Inflammation, 2013, 36, 713-722.	1.7	11
95	Anti-inflammatory and Antinociceptive Activity of Chitin-binding Lectin from Canna Limbata Seeds. Applied Biochemistry and Biotechnology, 2013, 171, 1944-1955.	1.4	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.	1.9	15
97	An ab initio explanation of the activation and antagonism strength of an AMPA-sensitive glutamate receptor. RSC Advances, 2013, 3, 14988.	1.7	12
98	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
99	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
100	Neutrophil-infiltrated paw edema induced by mannose-binding Dioclea violacea lectin. Pharmacological Reports, 2013, 65, 220-225.	1.5	9
101	Binding pattern and toxicological effects of lectins from genus Canavalia on bovine sperm. Reproductive Toxicology, 2013, 38, 72-80.	1.3	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.	1.3	22
103	Purification and partial characterization of a new mannose/glucoseâ€specific lectin from Dialium guineense Willd seeds that exhibits toxic effect. Journal of Molecular Recognition, 2013, 26, 351-356.	1.1	7
104	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
105	Vatairea macrocarpa Lectin (VML) Induces Depressive-like Behavior and Expression of Neuroinflammatory Markers in Mice. Neurochemical Research, 2013, 38, 2375-2384.	1.6	16
106	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
107	Molecular Modeling of Lectin-Like Protein fromAcacia farnesianaReveals a Possible Anti-Inflammatory Mechanism in Carrageenan-Induced Inflammation. BioMed Research International, 2013, 2013, 1-9.	0.9	7
108	Toxicity and Binding Profile of Lectins from the GenusCanavaliaon Brine Shrimp. BioMed Research International, 2013, 2013, 1-7.	0.9	13

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109	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
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 Rhizobium tropici CIAT899. Molecules, 2013, 18, 5792-5803.	1.7	6
112	Purification, Partial Characterization and Immobilization of a Mannose-Specific Lectin from Seeds of Dioclea lasiophylla Mart.. Molecules, 2013, 18, 10857-10869.	1.7	19
113	Homologous Canavalia Lectins Elicit Different Patterns of Antinociceptive Responses. Natural Product Communications, 2013, 8, 1934578X1300801.	0.2	3
114	Isoform Characterisation, Heterologous Expression and Functional Analysis of Two Lectins from Vatairea macrocarpa. Protein and Peptide Letters, 2013, 20, 1204-1210.	0.4	3
115	Homologous Canavalia lectins elicit different patterns of antinociceptive responses. Natural Product Communications, 2013, 8, 1621-4.	0.2	4
116	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
117	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
118	Antifungal activity of lectins against yeast of vaginal secretion. Brazilian Journal of Microbiology, 2012, 43, 770-778.	0.8	17
119	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
120	An overview of lectins purification strategies. Journal of Molecular Recognition, 2012, 25, 527-541.	1.1	54
121	Purification and partial characterization of a novel lectin from Dioclea lasiocarpa Mart seeds with vasodilator effects. Journal of Molecular Recognition, 2012, 25, 657-664.	1.1	13
122	Purification and Biological Activities of Abelmoschus esculentus Seed Lectin. Protein Journal, 2012, 31, 674-680.	0.7	21
123	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
124	Expression, purification and structural analysis of recombinant rBdh-2His6, a spermadhesin from buck (Capra hircus) seminal plasma. Reproduction, Fertility and Development, 2012, 24, 580.	0.1	3
125	Crystal structure of the lectin of Camptosema pedicellatum: implications of a conservative substitution at the hydrophobic subsite. Journal of Biochemistry, 2012, 152, 87-98.	0.9	12
126	Crystal structure of a pro-inflammatory lectin from the seeds of Dioclea wilsonii Standl. Biochimie, 2012, 94, 525-532.	1.3	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.	1.3	23
128	Antimicrobial peptide control of pathogenic microorganisms of the oral cavity: A review of the literature. Peptides, 2012, 36, 315-321.	1.2	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.	1.8	21
130	Explaining statin inhibition effectiveness of HMG-CoA reductase by quantum biochemistry computations. Physical Chemistry Chemical Physics, 2012, 14, 1389-1398.	1.3	61
131	Antinociceptive and Anti-inflammatory Effects of a Lectin-Like Substance from Clitoria fairchildiana R. Howard Seeds. Molecules, 2012, 17, 3277-3290.	1.7	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.	1.7	12
133	Protein crystal content analysis by mass spectrometry and preliminary Xâ€ray diffraction of a lectin from Canavalia grandiflora seeds with modulatory role in inflammation. Rapid Communications in Mass Spectrometry, 2012, 26, 811-818.	0.7	11
134	Purification and characterization of a mannose/Nâ€acetylâ€•<scp>d</scp>â€glucosamineâ€specific lectin from the seeds of Platymiscium floribundum Vogel. Journal of Molecular Recognition, 2012, 25, 443-449.	1.1	15
135	Antimicrobial and antibiofilm action of Casbane Diterpene from Croton nepetaefolius against oral bacteria. Archives of Oral Biology, 2012, 57, 550-555.	0.8	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.	1.6	15
137	ConBr, a Lectin from Canavalia brasiliensis Seeds, Protects Against Quinolinic Acid-Induced Seizures in Mice. Neurochemical Research, 2012, 37, 288-297.	1.6	22
138	Liquidâ^'Liquid Equilibrium Data for Aqueous Two-Phase Systems Composed of Ethylene Oxide Propylene Oxide Copolymers. Journal of Chemical & Engineering Data, 2011, 56, 190-194.	1.0	15
139	In vivoanti-inflammatory effect of a sulfated polysaccharide isolated from the marine brown algaeLobophora variegata. Pharmaceutical Biology, 2011, 49, 167-174.	1.3	42
140	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
141	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
142	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
143	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
144	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

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145	Lectins in drug deliveryâ€"the binding of some Diocleae lectins to the mucosal surfaces of the eye and mouth. Journal of Pharmacy and Pharmacology, 2011, 50, 104-104.	1.2	1
146	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
147	Casbane Diterpene as a Promising Natural Antimicrobial Agent against Biofilm-Associated Infections. Molecules, 2011, 16, 190-201.	1.7	73
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