

# Benildo Cavada

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

282  
papers

5,259  
citations

37  
h-index

49  
g-index

287  
ext. papers

5,701  
ext. citations

3.9  
avg, IF

4.94  
L-index

#	Paper	IF	Citations
282	Potential protein markers in children with Autistic Spectrum Disorder (ASD) revealed by salivary proteomics.. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 199, 243-251	7.9	2
281	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> , <b>2022</b> , 1	3	0
280	Antiproliferative activity of <i>Dioclea violacea</i> lectin in CaCO <sub>3</sub> particles on cancer cells after controlled release. <i>Journal of Materials Science</i> , <b>2022</b> , 57, 8854-8868	4.3	0
279	Differential vasodilator effect of <i>Dioclea rostrata</i> lectin in conductance and resistance arteries: Mechanisms and glycoconjugate binding relationships. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2021</b> , 129, 130-138	3.1	
278	A review of Viciaeae lectins studies: End of the book or a story in the writing?. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 181, 1104-1123	7.9	2
277	<i>Vatairea guianensis</i> lectin stimulates changes in gene expression and release of TNF- $\alpha$ from rat peritoneal macrophages via glycoconjugate binding. <i>Journal of Molecular Recognition</i> , <b>2021</b> , 34, e2922	2.6	0
276	ConBr lectin modulates MAPKs and Akt pathways and triggers autophagic glioma cell death by a mechanism dependent upon caspase-8 activation. <i>Biochimie</i> , <b>2021</b> , 180, 186-204	4.6	6
275	In depth analysis on the carbohydrate-binding properties of a vasorelaxant lectin from <i>Mart Ex. Benth</i> seeds. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 1-14	3.6	
274	Lectins applied to diagnosis and treatment of prostate cancer and benign hyperplasia: A review. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 190, 543-553	7.9	0
273	Comprehensive review on Caelsalpinioideae lectins: From purification to biological activities. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 162, 333-348	7.9	8
272	Antinociceptive effect of <i>Lonchocarpus araripensis</i> lectin: activation of L-arginine/NO/cGMP/KATP signaling pathway. <i>Inflammopharmacology</i> , <b>2020</b> , 28, 1623-1631	5.1	1
271	Exploring the carbohydrate-binding ability of <i>Canavalia bonariensis</i> lectin in inflammation models. <i>Journal of Molecular Recognition</i> , <b>2020</b> , 33, e2870	2.6	1
270	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. <i>Inflammation</i> , <b>2020</b> , 43, 1446-1454	5.1	2
269	Reviewing Mimosoideae lectins: A group of under explored legume lectins. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 154, 159-165	7.9	9
268	Heterologous production of E-chain of <i>Dioclea sclerocarpa</i> lectin: Enhancing the biological effects of a wild-type lectin. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 156, 1-9	7.9	
267	A Diocleinae type II lectin from <i>Dioclea lasiophylla</i> Mart. Ex <i>Benth</i> seeds specific to $\beta$ -D-glucose/GalNAc. <i>Process Biochemistry</i> , <b>2020</b> , 93, 104-114	4.8	2
266	Dalbergieae lectins: A review of lectins from species of a primitive Papilionoideae (leguminous) tribe. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 144, 509-526	7.9	12

265	Molecular dynamics and binding energy analysis of Vatairea guianensis lectin: a new tool for cancer studies. <i>Journal of Molecular Modeling</i> , <b>2020</b> , 26, 22	2	1
264	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. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 145, 845-855	7.9	5
263	Potent antiviral activity of carbohydrate-specific algal and leguminous lectins from the Brazilian biodiversity. <i>MedChemComm</i> , <b>2019</b> , 10, 390-398	5	13
262	One century of ConA and 40 years of ConBr research: A structural review. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 134, 901-911	7.9	15
261	Lectin from Dioclea violacea induces autophagy in U87 glioma cells. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 134, 660-672	7.9	11
260	Inhibitory effect of Lonchocarpus araripensis lectin in rat acute models of inflammation. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2019</b> , 91, e20180991	1.4	4
259	ConBr, the Lectin from Canavalia brasiliensis Mart. Seeds: Forty Years of Research. <i>Current Protein and Peptide Science</i> , <b>2019</b> , 20, 600-613	2.8	8
258	Dioclea violacea lectin ameliorates inflammation in the temporomandibular joint of rats by suppressing intercellular adhesion molecule-1 expression. <i>Biochimie</i> , <b>2019</b> , 158, 34-42	4.6	11
257	Lectin purified from Lonchocarpus campestris seeds inhibits inflammatory nociception. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 125, 53-60	7.9	12
256	ConA-Like Lectins: High Similarity Proteins as Models to Study Structure/Biological Activities Relationships. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 20,	6.3	28
255	Crystal structure of DlyL, a mannose-specific lectin from Dioclea lasiophylla Mart. Ex Benth seeds that display cytotoxic effects against C6 glioma cells. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 114, 64-76	7.9	16
254	Structural studies and nociceptive activity of a native lectin from Platypodium elegans seeds (nPELa). <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 107, 236-246	7.9	7
253	Homology modeling, molecular docking, and dynamics of two $\alpha$ -methyl-D-mannoside-specific lectins from Arachis genus. <i>Journal of Molecular Modeling</i> , <b>2018</b> , 24, 251	2	3
252	Anti-glioma properties of DVL, a lectin purified from Dioclea violacea. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 120, 566-577	7.9	15
251	Canavalia bonariensis lectin: Molecular bases of glycoconjugates interaction and antiglioma potential. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 106, 369-378	7.9	15
250	Structural analysis, molecular docking and molecular dynamics of an edematogenic lectin from Centropodium microchaete seeds. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 117, 124-133	7.9	10
249	Structural studies of a vasorelaxant lectin from Dioclea reflexa Hook seeds: Crystal structure, molecular docking and dynamics. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 98, 12-23	7.9	22
248	Molecular modeling, docking and dynamics simulations of the Dioclea lasiophylla Mart. Ex Benth seed lectin: An edematogenic and hypernociceptive protein. <i>Biochimie</i> , <b>2017</b> , 135, 126-136	4.6	10

247	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> , <b>2017</b> , 241, 116-123	6.7	5
246	Partial characterization and immobilization in CNBr-activated Sepharose of a native lectin from <i>Platygodium elegans</i> seeds (PELa) and comparative study of edematogenic effect with the recombinant form. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 102, 323-330	7.9	12
245	Structural analysis of Dioclea lasiocarpa lectin: A C6 cells apoptosis-inducing protein. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2017</b> , 92, 79-89	5.6	9
244	The potent anti-cancer activity of Dioclea lasiocarpa lectin. <i>Journal of Inorganic Biochemistry</i> , <b>2017</b> , 175, 179-189	4.2	19
243	Crystal structure of Pisum arvense seed lectin (PAL) and characterization of its interaction with carbohydrates by molecular docking and dynamics. <i>Archives of Biochemistry and Biophysics</i> , <b>2017</b> , 630, 27-37	4.1	7
242	Hydrochar as protein support: preservation of biomolecule properties with non-covalent immobilization. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 13378-13389	4.3	6
241	Contribution of the carbohydrate-binding ability of Vatairea guianensis lectin to induce edematogenic activity. <i>Biochimie</i> , <b>2017</b> , 140, 58-65	4.6	15
240	Lectin from Canavalia villosa seeds: A glucose/mannose-specific protein and a new tool for inflammation studies. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 105, 272-280	7.9	8
239	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. <i>Neurochemical Research</i> , <b>2017</b> , 42, 347-359	4.6	2
238	Structural characterization of a lectin from Canavalia virosa seeds with inflammatory and cytotoxic activities. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 94, 271-282	7.9	18
237	The lectin isolated from Lonchocarpus araripensis seed elicits endothelium-dependent vasorelaxation. <i>Journal of Health &amp; Biological Sciences</i> , <b>2017</b> , 5, 306	1	2
236	Lectins from Parkia biglobosa and Parkia platycephala: A comparative study of structure and biological effects. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 92, 194-201	7.9	10
235	Purification of a thermostable antinociceptive lectin isolated from Andira anthelmia. <i>Journal of Molecular Recognition</i> , <b>2016</b> , 29, 248-52	2.6	12
234	Structural characterization of a Vatairea macrocarpa lectin in complex with a tumor-associated antigen: A new tool for cancer research. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2016</b> , 72, 27-39	5.6	11
233	Structural analysis of a Dioclea sclerocarpa lectin: Study on the vasorelaxant properties of Dioclea lectins. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 82, 464-70	7.9	13
232	Structural analysis of Centrolobium tomentosum seed lectin with inflammatory activity. <i>Archives of Biochemistry and Biophysics</i> , <b>2016</b> , 596, 73-83	4.1	24
231	Ultrasound processing to enhance drying of cashew apple bagasse puree: Influence on antioxidant properties and in vitro bioaccessibility of bioactive compounds. <i>Ultrasonics Sonochemistry</i> , <b>2016</b> , 31, 237-49	8.9	54
230	A novel N-acetyl-glucosamine lectin of Lonchocarpus araripensis attenuates acute cellular inflammation in mice. <i>Inflammation Research</i> , <b>2016</b> , 65, 43-52	7.2	16

229	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> , <b>2016</b> , 29, 134-41	2.6	10
228	Structure prediction and functional analysis of a non-permutated lectin from <i>Dioclea grandiflora</i> . <i>Biochimie</i> , <b>2016</b> , 131, 54-67	4.6	3
227	The leguminous lectin of <i>Lonchocarpus araripensis</i> promotes antinociception via mechanisms that include neuronal inhibition of Na(+) currents. <i>Inflammation Research</i> , <b>2016</b> , 65, 701-8	7.2	4
226	Algal lectin binding to core (F-6) fucosylated N-glycans: structural basis for specificity and production of recombinant protein. <i>Glycobiology</i> , <b>2015</b> , 25, 607-16	5.8	14
225	Seed structure in <i>Canavalia brasiliensis</i> Mart. ex Benth. (Leguminosae) and subcellular localization of ConBr lectin: Implications for ConBr biological functions. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , <b>2015</b> , 215, 46-53	1.9	2
224	L-Rhamnose-binding lectin from eggs of the <i>Echinometra lucunter</i> : Amino acid sequence and molecular modeling. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 78, 180-8	7.9	9
223	A chromophore-containing agglutinin from <i>Haliclona manglaris</i> : purification and biochemical characterization. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 72, 1368-75	7.9	3
222	Purification and primary structure of a novel mannose-specific lectin from <i>Centrolobium microchaete</i> Mart seeds. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 81, 600-7	7.9	15
221	CRLI induces vascular smooth muscle relaxation and suggests a dual mechanism of eNOS activation by legume lectins via muscarinic receptors and shear stress. <i>Archives of Biochemistry and Biophysics</i> , <b>2015</b> , 565, 32-9	4.1	10
220	A novel vasorelaxant lectin purified from seeds of <i>Clathrotropis nitida</i> : partial characterization and immobilization in chitosan beads. <i>Archives of Biochemistry and Biophysics</i> , <b>2015</b> , 588, 33-40	4.1	1
219	The galactose-binding lectin isolated from <i>Bauhinia bauhinioides</i> Mart seeds inhibits neutrophil rolling and adhesion via primary cytokines. <i>Journal of Molecular Recognition</i> , <b>2015</b> , 28, 285-92	2.6	6
218	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> . <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2015</b> , 87, 973-84	1.4	8
217	The effect of <i>Cratylia floribunda</i> lectin on renal hemodynamics and ion transport. <i>Brazilian Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 51, 755-761	1.8	2
216	High-resolution structure of a new Tn antigen-binding lectin from <i>Vatairea macrocarpa</i> and a comparative analysis of Tn-binding legume lectins. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2015</b> , 59, 103-10	5.6	22
215	Structural basis of ConM binding with resveratrol, an anti-inflammatory and antioxidant polyphenol. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 72, 1136-42	7.9	8
214	<i>Dioclea violacea</i> lectin ameliorates oxidative stress and renal dysfunction in an experimental model of acute kidney injury. <i>American Journal of Translational Research (discontinued)</i> , <b>2015</b> , 7, 2573-88	3	2
213	Purification, partial characterization, and CNBr-sepharose immobilization of a vasorelaxant glucose/mannose lectin from <i>Canavalia virosa</i> seeds. <i>Applied Biochemistry and Biotechnology</i> , <b>2014</b> , 172, 3342-53	3.2	18
212	Purification, characterization and partial sequence of a pro-inflammatory lectin from seeds of <i>Canavalia oxyphylla</i> Standl. & L. O. Williams. <i>Journal of Molecular Recognition</i> , <b>2014</b> , 27, 117-23	2.6	12

211	HGA-2, a novel galactoside-binding lectin from the sea cucumber <i>Holothuria grisea</i> binds to bacterial cells. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 64, 435-42	7.9	14
210	ConBr, a lectin from <i>Canavalia brasiliensis</i> seeds, modulates signaling pathways and increases BDNF expression probably via a glycosylated target. <i>Journal of Molecular Recognition</i> , <b>2014</b> , 27, 746-54	2.6	8
209	Study of the bioconjugation of ternary alloyed ZnCdTe nanocrystals to Concanavalin A. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2014</b> , 295, 46-52	4.7	2
208	Antidepressant-like effect of <i>Canavalia brasiliensis</i> (ConBr) lectin in mice: evidence for the involvement of the glutamatergic system. <i>Pharmacology Biochemistry and Behavior</i> , <b>2014</b> , 122, 53-60	3.9	23
207	Vasorelaxant activity of <i>Canavalia grandiflora</i> seed lectin: A structural analysis. <i>Archives of Biochemistry and Biophysics</i> , <b>2014</b> , 543, 31-9	4.1	15
206	BUL: A novel lectin from <i>Bauhinia unguolata</i> L. seeds with fungistatic and antiproliferative activities. <i>Process Biochemistry</i> , <b>2014</b> , 49, 203-209	4.8	23
205	Antiproliferative effect of <i>Canavalia brasiliensis</i> lectin on B16F10 cells. <i>Research in Veterinary Science</i> , <b>2014</b> , 96, 276-82	2.5	14
204	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. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2014</b> , 86, 251-63	1.4	14
203	Coal fly ash ceramics: preparation, characterization, and use in the hydrolysis of sucrose. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 154651	2.2	17
202	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. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 239208	2.2	1
201	Antimicrobial effect of the triterpene 3 $\beta$ ,16 $\beta$ -trihydroxylup-20(29)-ene on planktonic cells and biofilms from Gram positive and Gram negative bacteria. <i>BioMed Research International</i> , <b>2014</b> , 2014, 729358	3	11
200	Antibacterial and antioxidant activities of derriobtusone A isolated from <i>Lonchocarpus obtusus</i> . <i>BioMed Research International</i> , <b>2014</b> , 2014, 248656	3	6
199	Effect of algae and plant lectins on planktonic growth and biofilm formation in clinically relevant bacteria and yeasts. <i>BioMed Research International</i> , <b>2014</b> , 2014, 365272	3	26
198	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. <i>Industrial Crops and Products</i> , <b>2014</b> , 61, 499-509	5.9	11
197	Mannose-specific legume lectin from the seeds of <i>Dolichos lablab</i> (FRIL) stimulates inflammatory and hypernociceptive processes in mice. <i>Process Biochemistry</i> , <b>2014</b> , 49, 529-534	4.8	13
196	Structural studies of an anti-inflammatory lectin from <i>Canavalia boliviana</i> seeds in complex with dimannosides. <i>PLoS ONE</i> , <b>2014</b> , 9, e97015	3.7	19
195	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> , <b>2013</b> , 45, 807-15	5.6	25
194	H-3, a new lectin from the marine sponge <i>Haliclona caerulea</i> : purification and mass spectrometric characterization. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2013</b> , 45, 2864-73	5.6	22

193	Antimicrobial activity of the synthetic peptide Lys-a1 against oral streptococci. <i>Peptides</i> , <b>2013</b> , 42, 78-83	3.8	33
192	Effects of Canavalia lectins on acute inflammation in sensitized and non-sensitized rats. <i>Inflammation</i> , <b>2013</b> , 36, 713-22	5.1	10
191	Anti-inflammatory and antinociceptive activity of chitin-binding lectin from <i>Canna limbata</i> seeds. <i>Applied Biochemistry and Biotechnology</i> , <b>2013</b> , 171, 1944-55	3.2	9
190	Lectin from <i>Canavalia brasiliensis</i> (ConBr) protects hippocampal slices against glutamate neurotoxicity in a manner dependent of PI3K/Akt pathway. <i>Neurochemistry International</i> , <b>2013</b> , 62, 836-42	4.4	14
189	An ab initio explanation of the activation and antagonism strength of an AMPA-sensitive glutamate receptor. <i>RSC Advances</i> , <b>2013</b> , 3, 14988	3.7	11
188	<i>Holothuria grisea</i> agglutinin (HGA): the first invertebrate lectin with anti-inflammatory effects. <i>Fundamental and Clinical Pharmacology</i> , <b>2013</b> , 27, 656-68	3.1	15
187	Halilectin 1 (H-1) and Halilectin 2 (H-2): two new lectins isolated from the marine sponge <i>Haliclona caerulea</i> . <i>Journal of Molecular Recognition</i> , <b>2013</b> , 26, 51-8	2.6	16
186	Neutrophil-infiltrated paw edema induced by mannose-binding <i>Dioclea violacea</i> lectin. <i>Pharmacological Reports</i> , <b>2013</b> , 65, 220-5	3.9	9
185	Binding pattern and toxicological effects of lectins from genus <i>Canavalia</i> on bovine sperm. <i>Reproductive Toxicology</i> , <b>2013</b> , 38, 72-80	3.4	5
184	Interactions between indole-3-acetic acid (IAA) with a lectin from <i>Canavalia maritima</i> seeds reveal a new function for lectins in plant physiology. <i>Biochimie</i> , <b>2013</b> , 95, 1697-703	4.6	19
183	Purification and partial characterization of a new mannose/glucose-specific lectin from <i>Dialium guineense</i> Willd seeds that exhibits toxic effect. <i>Journal of Molecular Recognition</i> , <b>2013</b> , 26, 351-6	2.6	6
182	Purification and primary structure of a mannose/glucose-binding lectin from <i>Parkia biglobosa</i> Jacq. seeds with antinociceptive and anti-inflammatory properties. <i>Journal of Molecular Recognition</i> , <b>2013</b> , 26, 470-8	2.6	18
181	<i>Vatairea macrocarpa</i> lectin (VML) induces depressive-like behavior and expression of neuroinflammatory markers in mice. <i>Neurochemical Research</i> , <b>2013</b> , 38, 2375-84	4.6	14
180	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> , <b>2013</b> , 27, 201-9	3.1	21
179	Molecular modeling of lectin-like protein from <i>Acacia farnesiana</i> reveals a possible anti-inflammatory mechanism in Carrageenan-induced inflammation. <i>BioMed Research International</i> , <b>2013</b> , 2013, 253483	3	5
178	Toxicity and binding profile of lectins from the Genus <i>canavalia</i> on brine shrimp. <i>BioMed Research International</i> , <b>2013</b> , 2013, 154542	3	9
177	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> . <i>Journal of Applied Microbiology</i> , <b>2013</b> , 115, 1222-30	4.7	15
176	Inflammatory and hyperalgesic effects of oxidized multi-walled carbon nanotubes in rats. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2013</b> , 13, 5276-82	1.3	3

175	Effect of leguminous lectins on the growth of <i>Rhizobium tropici</i> CIAT899. <i>Molecules</i> , <b>2013</b> , 18, 5792-803	4.8	5
174	Purification, partial characterization and immobilization of a mannose-specific lectin from seeds of <i>Dioclea lasiophylla</i> mart. <i>Molecules</i> , <b>2013</b> , 18, 10857-69	4.8	16
173	Homologous Canavalia Lectins Elicit Different Patterns of Antinociceptive Responses. <i>Natural Product Communications</i> , <b>2013</b> , 8, 1934578X1300801	0.9	1
172	Isoform characterisation, heterologous expression and functional analysis of two lectins from <i>Vatairea macrocarpa</i> . <i>Protein and Peptide Letters</i> , <b>2013</b> , 20, 1204-10	1.9	2
171	Homologous Canavalia lectins elicit different patterns of antinociceptive responses. <i>Natural Product Communications</i> , <b>2013</b> , 8, 1621-4	0.9	4
170	Effects of a lectin-like protein isolated from <i>Acacia farnesiana</i> seeds on phytopathogenic bacterial strains and root-knot nematode. <i>Pesticide Biochemistry and Physiology</i> , <b>2012</b> , 103, 15-22	4.9	11
169	ConBr, a lectin from <i>Canavalia brasiliensis</i> seeds, protects against quinolinic acid-induced seizures in mice. <i>Neurochemical Research</i> , <b>2012</b> , 37, 288-97	4.6	19
168	An overview of lectins purification strategies. <i>Journal of Molecular Recognition</i> , <b>2012</b> , 25, 527-41	2.6	45
167	Purification and partial characterization of a novel lectin from <i>Dioclea lasiocarpa</i> Mart seeds with vasodilator effects. <i>Journal of Molecular Recognition</i> , <b>2012</b> , 25, 657-64	2.6	11
166	Purification and biological activities of <i>Abelmoschus esculentus</i> seed lectin. <i>Protein Journal</i> , <b>2012</b> , 31, 674-80	3.9	16
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164	Expression, purification and structural analysis of recombinant rBdh-2His <sub>6</sub> spermadhesin from buck ( <i>Capra hircus</i> ) seminal plasma. <i>Reproduction, Fertility and Development</i> , <b>2012</b> , 24, 580-7	1.8	3
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46	Seed lectin from <i>pisum arvense</i> : isolation, biochemical characterization and amino acid sequence. <i>Protein and Peptide Letters</i> , <b>2003</b> , 10, 607-17	1.9	6
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35	Revisiting proteus: do minor changes in lectin structure matter in biological activity? Lessons from and potential biotechnological uses of the Diocleinae subtribe lectins. <i>Current Protein and Peptide Science</i> , <b>2001</b> , 2, 123-35	2.8	103
34	Crystal structure of native and Cd/Cd-substituted <i>Dioclea guianensis</i> seed lectin. A novel manganese-binding site and structural basis of dimer-tetramer association. <i>Journal of Molecular Biology</i> , <b>2001</b> , 310, 885-94	6.5	43
33	In vivo lymphocyte activation and apoptosis by lectins of the Diocleinae subtribe. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2001</b> , 96, 673-8	2.6	46
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