

Patricia Maria Guedes Paiva

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179
papers

3,184
citations

31
h-index

45
g-index

188
ext. papers

3,723
ext. citations

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avg, IF

5
L-index

#	Paper	IF	Citations
179	Effect of Moringa oleifera lectin on development and mortality of Aedes aegypti larvae. <i>Chemosphere</i> , 2009 , 77, 934-8	8.4	106
178	Alkaline proteinase from intestine of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Process Biochemistry</i> , 2005 , 40, 1829-1834	4.8	105
177	Coagulant and antibacterial activities of the water-soluble seed lectin from Moringa oleifera. <i>Letters in Applied Microbiology</i> , 2011 , 53, 186-92	2.9	85
176	Lectins, Interconnecting Proteins with Biotechnological/Pharmacological and Therapeutic Applications. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017 , 2017, 1594074	2.3	82
175	Isolation of a seed coagulant Moringa oleifera lectin. <i>Process Biochemistry</i> , 2009 , 44, 504-508	4.8	79
174	PARTIAL PURIFICATION AND CHARACTERIZATION OF A THERMOSTABLE TRYPSIN FROM PYLORIC CAECA OF TAMBAQUI (<i>COLOSSOMA MACROPOMUM</i>). <i>Journal of Food Biochemistry</i> , 2001 , 25, 199-210	3.3	68
173	Effect of Moringa oleifera lectins on survival and enzyme activities of Aedes aegypti larvae susceptible and resistant to organophosphate. <i>Parasitology Research</i> , 2014 , 113, 175-84	2.4	65
172	Effect of Myracrodruon urundeuva leaf lectin on survival and digestive enzymes of Aedes aegypti larvae. <i>Parasitology Research</i> , 2012 , 110, 609-16	2.4	64
171	Evaluation of seed coagulant Moringa oleifera lectin (cMoL) as a bioinsecticidal tool with potential for the control of insects. <i>Process Biochemistry</i> , 2011 , 46, 498-504	4.8	64
170	Detection of water soluble lectin and antioxidant component from Moringa oleifera seeds. <i>Water Research</i> , 2005 , 39, 975-80	12.5	64
169	Purification and partial characterization of two lectin isoforms from <i>Cratylia mollis</i> mart. (camaratu bean). <i>Applied Biochemistry and Biotechnology</i> , 1992 , 36, 113-118	3.2	60
168	Caseinolytic and milk-clotting activities from Moringa oleifera flowers. <i>Food Chemistry</i> , 2012 , 135, 1848-55	5.5	55
167	Evaluation of cytotoxic and anti-inflammatory activities of extracts and lectins from Moringa oleifera seeds. <i>PLoS ONE</i> , 2013 , 8, e81973	3.7	52
166	Antimicrobial lectin from <i>Schinus terebinthifolius</i> leaf. <i>Journal of Applied Microbiology</i> , 2013 , 114, 672-9	4.7	49
165	Purification of a lectin with antibacterial activity from <i>Bothrops leucurus</i> snake venom. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011 , 159, 57-63	2.3	46
164	Evaluation of using aluminum sulfate and water-soluble Moringa oleifera seed lectin to reduce turbidity and toxicity of polluted stream water. <i>Chemosphere</i> , 2016 , 163, 133-141	8.4	43
163	<i>Schinus terebinthifolius</i> Leaf Extract Causes Midgut Damage, Interfering with Survival and Development of Aedes aegypti Larvae. <i>PLoS ONE</i> , 2015 , 10, e0126612	3.7	43

162	CasuL: A new lectin isolated from <i>Calliandra surinamensis</i> leaf pinnulae with cytotoxicity to cancer cells, antimicrobial activity and antibiofilm effect. <i>International Journal of Biological Macromolecules</i> , 2017 , 98, 419-429	7.9	42
161	Antioxidant activity of <i>Moringa oleifera</i> tissue extracts. <i>Phytotherapy Research</i> , 2012 , 26, 1366-70	6.7	42
160	Effect of <i>Moringa oleifera</i> flower extract on larval trypsin and acetylcholinesterase activities in <i>Aedes aegypti</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2012 , 79, 135-52	2.3	42
159	Antibacterial and antifungal activities of <i>Myracrodruon urundeuva</i> heartwood. <i>Wood Science and Technology</i> , 2009 , 43, 85-95	2.5	40
158	Oviposition-stimulant and ovicidal activities of <i>Moringa oleifera</i> lectin on <i>Aedes aegypti</i> . <i>PLoS ONE</i> , 2012 , 7, e44840	3.7	37
157	Termiticidal activity of lectins from <i>Myracrodruon urundeuva</i> against <i>Nasutitermes corniger</i> and its mechanisms. <i>International Biodeterioration and Biodegradation</i> , 2011 , 65, 52-59	4.8	37
156	Immunomodulatory response of Cramoll 1,4 lectin on experimental lymphocytes. <i>Phytotherapy Research</i> , 2010 , 24, 1631-6	6.7	37
155	Effects of <i>Croton rhamnifolioides</i> essential oil on <i>Aedes aegypti</i> oviposition, larval toxicity and trypsin activity. <i>Molecules</i> , 2014 , 19, 16573-87	4.8	36
154	Insect midgut structures and molecules as targets of plant-derived protease inhibitors and lectins. <i>Pest Management Science</i> , 2019 , 75, 1212-1222	4.6	35
153	Trypsin inhibitor from <i>Moringa oleifera</i> flowers interferes with survival and development of <i>Aedes aegypti</i> larvae and kills bacteria inhabitant of larvae midgut. <i>Parasitology Research</i> , 2014 , 113, 727-33	2.4	34
152	Water-soluble <i>Moringa oleifera</i> lectin interferes with growth, survival and cell permeability of corrosive and pathogenic bacteria. <i>Journal of Applied Microbiology</i> , 2015 , 119, 666-76	4.7	34
151	Larvicidal activity of lectins from <i>Myracrodruon urundeuva</i> on <i>Aedes aegypti</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009 , 149, 300-6	3.2	34
150	Induction of mortality on <i>Nasutitermes corniger</i> (Isoptera, Termitidae) by <i>Myracrodruon urundeuva</i> heartwood lectin. <i>International Biodeterioration and Biodegradation</i> , 2008 , 62, 460-464	4.8	32
149	Application of Omics Technologies for Evaluation of Antibacterial Mechanisms of Action of Plant-Derived Products. <i>Frontiers in Microbiology</i> , 2016 , 7, 1466	5.7	32
148	Composition and biological activities of the essential oil of <i>Piper corcovadensis</i> (Miq.) C. DC (Piperaceae). <i>Experimental Parasitology</i> , 2016 , 165, 64-70	2.1	31
147	Structural characterization of coagulant <i>Moringa oleifera</i> Lectin and its effect on hemostatic parameters. <i>International Journal of Biological Macromolecules</i> , 2013 , 58, 31-6	7.9	31
146	Evaluation of the toxicity of essential oil from <i>Alpinia purpurata</i> inflorescences to <i>Sitophilus zeamais</i> (maize weevil). <i>Crop Protection</i> , 2015 , 71, 95-100	2.7	31
145	Evaluation of acute toxicity, genotoxicity and inhibitory effect on acute inflammation of an ethanol extract of <i>Morus alba</i> L. (Moraceae) in mice. <i>Journal of Ethnopharmacology</i> , 2016 , 194, 162-168	5	30

144	Coagulant properties of Moringa oleifera protein preparations: application to humic acid removal. <i>Environmental Technology (United Kingdom)</i> , 2012 , 33, 69-75	2.6	29
143	PgTeL, the lectin found in Punica granatum juice, is an antifungal agent against Candida albicans and Candida krusei. <i>International Journal of Biological Macromolecules</i> , 2018 , 108, 391-400	7.9	29
142	Assessment of toxicity of Moringa oleifera flower extract to Biomphalaria glabrata, Schistosoma mansoni and Artemia salina. <i>Chemosphere</i> , 2015 , 132, 188-92	8.4	28
141	Multi-effect of the water-soluble Moringa oleifera lectin against Serratia marcescens and Bacillus sp.: antibacterial, antibiofilm and anti-adhesive properties. <i>Journal of Applied Microbiology</i> , 2017 , 123, 861-874	4.7	28
140	Crataeva tapia bark lectin is an affinity adsorbent and insecticidal agent. <i>Plant Science</i> , 2012 , 183, 20-6	5.3	28
139	A new Bauhinia monandra galactose-specific lectin purified in milligram quantities from secondary roots with antifungal and termiticidal activities. <i>International Biodeterioration and Biodegradation</i> , 2011 , 65, 696-702	4.8	28
138	Exploiting the biological roles of the trypsin inhibitor from Inga vera seeds: A multifunctional Kunitz inhibitor. <i>Process Biochemistry</i> , 2016 , 51, 792-803	4.8	27
137	Deleterious effects of Myracrodruon urundeuva leaf extract and lectin on the maize weevil, Sitophilus zeamais (Coleoptera, Curculionidae). <i>Journal of Stored Products Research</i> , 2013 , 54, 26-33	2.5	27
136	Genotoxicity evaluation of Moringa oleifera seed extract and lectin. <i>Journal of Food Science</i> , 2011 , 76, T53-8	3.4	27
135	Antioxidant, Fusarium growth inhibition and Nasutitermes corniger repellent activities of secondary metabolites from Myracrodruon urundeuva heartwood. <i>International Biodeterioration and Biodegradation</i> , 2009 , 63, 470-477	4.8	26
134	Isolation of a trypsin inhibitor from Echinodorus paniculatus seeds by affinity chromatography on immobilized Cratylia mollis isolectins. <i>Bioresource Technology</i> , 2003 , 88, 75-9	11	26
133	Oxygen-limited cellobiose fermentation and the characterization of the cellobiase of an industrial Dekkera/Brettanomyces bruxellensis strain. <i>SpringerPlus</i> , 2014 , 3, 38		25
132	Toxic effects of Microgramma vacciniifolia rhizome lectin on Artemia salina, human cells, and the schistosomiasis vector Biomphalaria glabrata. <i>Acta Tropica</i> , 2014 , 138, 23-7	3.2	25
131	Sitophilus zeamais adults have survival and nutrition affected by Schinus terebinthifolius leaf extract and its lectin (SteLL). <i>Industrial Crops and Products</i> , 2018 , 116, 81-89	5.9	24
130	Portulaca elatior root contains a trehalose-binding lectin with antibacterial and antifungal activities. <i>International Journal of Biological Macromolecules</i> , 2019 , 126, 291-297	7.9	24
129	Cramoll 1,4 lectin increases ROS production, calcium levels, and cytokine expression in treated spleen cells of rats. <i>Molecular and Cellular Biochemistry</i> , 2010 , 342, 163-9	4.2	23
128	Evaluation of Toxicity and Antimicrobial Activity of an Ethanolic Extract from Leaves of Morus alba L. (Moraceae). <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 513978	2.3	22
127	Antimicrobial potential of Alpinia purpurata lectin (ApuL): Growth inhibitory action, synergistic effects in combination with antibiotics, and antibiofilm activity. <i>Microbial Pathogenesis</i> , 2018 , 124, 152-162	3.8	21

126	Optimized extraction of a lectin from <i>Crataeva tapia</i> bark using AOT in isooctane reversed micelles. <i>Process Biochemistry</i> , 2008 , 43, 779-782	4.8	21
125	Effect of lectins from <i>Opuntia ficus indica</i> cladodes and <i>Moringa oleifera</i> seeds on survival of <i>Nasutitermes corniger</i> . <i>International Biodeterioration and Biodegradation</i> , 2011 , 65, 982-989	4.8	20
124	Purified <i>Cladonia verticillaris</i> lichen lectin: Insecticidal activity on <i>Nasutitermes corniger</i> (Isoptera: Termitidae). <i>International Biodeterioration and Biodegradation</i> , 2009 , 63, 334-340	4.8	20
123	Purification, characterization and antibacterial potential of a lectin isolated from <i>Apuleia leiocarpa</i> seeds. <i>International Journal of Biological Macromolecules</i> , 2015 , 75, 402-8	7.9	19
122	Ultrastructural characterization of the hemocytes of <i>Lasiadora</i> sp. (Koch, 1850) (Araneae: Theraphosidae). <i>Micron</i> , 2013 , 48, 11-6	2.3	19
121	Immobilized <i>Cratylia mollis</i> lectin: An affinity matrix to purify a soybean (<i>Glycine max</i>) seed protein with in vitro platelet antiaggregation and anticoagulant activities. <i>Process Biochemistry</i> , 2011 , 46, 74-80	4.8	19
120	<i>Moringa oleifera</i> : Resource Management and Multiuse Life Tree. <i>Advances in Research</i> , 2015 , 4, 388-402	0.1	19
119	Cytotoxicity of the coagulant <i>Moringa oleifera</i> lectin (cMoL) to B16-F10 melanoma cells. <i>Toxicology in Vitro</i> , 2017 , 44, 94-99	3.6	18
118	The juicy sarcotesta of <i>Punica granatum</i> contains a lectin that affects growth, survival as well as adherence and invasive capacities of human pathogenic bacteria. <i>Journal of Functional Foods</i> , 2016 , 27, 695-702	5.1	18
117	Structural studies of the interaction of <i>Crataeva tapia</i> bark protein with heparin and other glycosaminoglycans. <i>Biochemistry</i> , 2013 , 52, 2148-56	3.2	18
116	Crystal Structure of <i>Crataeva tapia</i> Bark Protein (CrataBL) and Its Effect in Human Prostate Cancer Cell Lines. <i>PLoS ONE</i> , 2013 , 8, e64426	3.7	18
115	Purification and primary structure determination of two Bowman-Birk type trypsin isoinhibitors from <i>Cratylia mollis</i> seeds. <i>Phytochemistry</i> , 2006 , 67, 545-52	4	17
114	A Trypsin Inhibitor from <i>Tecoma stans</i> Leaves Inhibits Growth and Promotes ATP Depletion and Lipid Peroxidation in <i>Candida albicans</i> and <i>Candida krusei</i> . <i>Frontiers in Microbiology</i> , 2016 , 7, 611	5.7	17
113	Coagulant Activity of Water-Soluble <i>Moringa oleifera</i> Lectin Is Linked to Lowering of Electrical Resistance and Inhibited by Monosaccharides and Magnesium Ions. <i>Applied Biochemistry and Biotechnology</i> , 2016 , 180, 1361-1371	3.2	17
112	Saline extract of <i>Pilosocereus gounellei</i> stem has antinociceptive effect in mice without showing acute toxicity and altering motor coordination. <i>Regulatory Toxicology and Pharmacology</i> , 2018 , 95, 289-297	3.4	16
111	Antimicrobial Activity of <i>Cladonia verticillaris</i> Lichen Preparations on Bacteria and Fungi of Medical Importance. <i>Chinese Journal of Biology</i> , 2014 , 2014, 1-7	2	16
110	Effect of <i>Microgramma vacciniifolia</i> rhizome lectin on survival and digestive enzymes of <i>Nasutitermes corniger</i> (Isoptera, Termitidae). <i>International Biodeterioration and Biodegradation</i> , 2012 , 75, 158-166	4.8	16
109	Biotechnological value of <i>Moringa oleifera</i> seed cake as source of insecticidal lectin against <i>Aedes aegypti</i> . <i>Process Biochemistry</i> , 2016 , 51, 1683-1690	4.8	15

108	Immunomodulatory Effects of the Water-soluble Lectin from Moringa oleifera Seeds (WSMoL) on Human Peripheral Blood Mononuclear Cells (PBMC). <i>Protein and Peptide Letters</i> , 2018 , 25, 295-301	1.9	15
107	Chemical characterization and insecticidal effect against Sitophilus zeamais (maize weevil) of essential oil from Croton rudolphianus leaves. <i>Crop Protection</i> , 2020 , 129, 105043	2.7	15
106	Microgramma vacciniifolia (Polypodiaceae) fronds contain a multifunctional lectin with immunomodulatory properties on human cells. <i>International Journal of Biological Macromolecules</i> , 2017 , 103, 36-46	7.9	14
105	Digestive enzymes from workers and soldiers of termite Nasutitermes corniger. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014 , 176, 1-8	2.3	14
104	Evaluation of Moringa oleifera seed lectin in traps for the capture of Aedes aegypti eggs and adults under semi-field conditions. <i>Parasitology Research</i> , 2014 , 113, 1837-42	2.4	14
103	Termiticidal lectins from Myracrodruon urundeuva (Anacardiaceae) cause midgut damage when ingested by Nasutitermes corniger (Isoptera: Termitidae) workers. <i>Pest Management Science</i> , 2017 , 73, 991-998	4.6	14
102	Evaluation of antitumor activity and toxicity of Schinus terebinthifolia leaf extract and lectin (SteLL) in sarcoma 180-bearing mice. <i>Journal of Ethnopharmacology</i> , 2019 , 233, 148-157	5	14
101	Nematicidal activity of a water soluble lectin from seeds of Moringa oleifera. <i>International Journal of Biological Macromolecules</i> , 2018 , 108, 782-789	7.9	14
100	A chitin-binding lectin from Moringa oleifera seeds (WSMoL) impairs the digestive physiology of the Mediterranean flour larvae, Anagasta kuehniella. <i>Pesticide Biochemistry and Physiology</i> , 2017 , 142, 67-76	4.9	13
99	Antifungal activity of Microgramma vacciniifolia rhizome lectin on genetically distinct Fusarium oxysporum f. sp. lycopersici races. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 172, 1098-105	3.2	13
98	Hexane extract from Spondias tuberosa (Anacardiaceae) leaves has antioxidant activity and is an anti-Candida agent by causing mitochondrial and lysosomal damages. <i>BMC Complementary and Alternative Medicine</i> , 2018 , 18, 284	4.7	13
97	Lectin from inflorescences of ornamental crop Alpinia purpurata acts on immune cells to promote Th1 and Th17 responses, nitric oxide release, and lymphocyte activation. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 94, 865-872	7.5	12
96	Ecotoxicity of water-soluble lectin from Moringa oleifera seeds to zebrafish (Danio rerio) embryos and larvae. <i>Chemosphere</i> , 2017 , 185, 178-182	8.4	12
95	Ferromagnetic levan composite: an affinity matrix to purify lectin. <i>Journal of Biomedicine and Biotechnology</i> , 2009 , 2009, 179106		12
94	Evaluation of antimicrobial, cytotoxic, and hemolytic activities from venom of the spider Lasiodora sp. <i>Toxicon</i> , 2016 , 122, 119-126	2.8	12
93	Exposure of mosquito (Aedes aegypti) larvae to the water extract and lectin-rich fraction of Moringa oleifera seeds impairs their development and future fecundity. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 183, 109583	7	11
92	Screening of Caatinga plants as sources of lectins and trypsin inhibitors. <i>Natural Product Research</i> , 2014 , 28, 1297-301	2.3	11
91	Potential of the Lectin/Inhibitor Isolated from Crataeva tapia Bark (CrataBL) for Controlling Callosobruchus maculatus Larva Development. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 10431-6	5.7	11

90	A novel antimicrobial lectin from <i>Eugenia malaccensis</i> that stimulates cutaneous healing in mice model. <i>Inflammopharmacology</i> , 2012 , 20, 315-22	5.1	11
89	Screening of endophytic fungi stored in a culture collection for taxol production. <i>Brazilian Journal of Microbiology</i> , 2018 , 49 Suppl 1, 59-63	2.2	10
88	Antibacterial lectin from <i>Moringa oleifera</i> seeds (WSMoL) has differential action on growth, membrane permeability and protease secretory ability of Gram-positive and Gram-negative pathogens. <i>South African Journal of Botany</i> , 2020 , 129, 198-205	2.9	10
87	Fatty acid-rich volatile oil from <i>Syagrus coronata</i> seeds has larvicidal and oviposition-deterrent activities against <i>Aedes aegypti</i> . <i>Physiological and Molecular Plant Pathology</i> , 2017 , 100, 35-40	2.6	9
86	<i>Punica granatum</i> sarcotesta lectin (PgTeL) has antibacterial activity and synergistic effects with antibiotics against β -lactamase-producing <i>Escherichia coli</i> . <i>International Journal of Biological Macromolecules</i> , 2019 , 135, 931-939	7.9	9
85	Effects of <i>Opuntia ficus-indica</i> lectin on feeding, survival, and gut enzymes of maize weevil, <i>Sitophilus zeamais</i> . <i>Applied Biological Chemistry</i> , 2018 , 61, 337-343	2.9	9
84	Purification and characterization of a lectin with refolding ability from <i>Genipa americana</i> bark. <i>International Journal of Biological Macromolecules</i> , 2018 , 119, 517-523	7.9	9
83	The first serine protease inhibitor from <i>Lasiadora</i> sp. (Araneae: Theraphosidae) hemocytes. <i>Process Biochemistry</i> , 2011 , 46, 2317-2321	4.8	9
82	Histochemical evaluation of human prostatic tissues with <i>Cratylia mollis</i> seed lectin. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 179817		9
81	Occurrence and Diversity of Intra- and Interhospital Drug-Resistant and Biofilm-Forming and. <i>Microbial Drug Resistance</i> , 2020 , 26, 802-814	2.9	9
80	<i>Punica granatum</i> sarcotesta lectin (PgTeL) impairs growth, structure, viability, aggregation, and biofilm formation ability of <i>Staphylococcus aureus</i> clinical isolates. <i>International Journal of Biological Macromolecules</i> , 2019 , 123, 600-608	7.9	9
79	The Plant Proteinase Inhibitor Plays a Role in Controlling Asthma Response in Mice. <i>BioMed Research International</i> , 2018 , 2018, 9274817	3	9
78	Selection of a protein solubilization method suitable for phytopathogenic bacteria: a proteomics approach. <i>Proteome Science</i> , 2015 , 13, 5	2.6	8
77	Evaluation of the insecticidal activity of <i>Moringa oleifera</i> seed extract and lectin (WSMoL) against <i>Sitophilus zeamais</i> . <i>Journal of Stored Products Research</i> , 2020 , 87, 101615	2.5	8
76	Metal-sensitive and thermostable trypsin from the crevalle jack (<i>Caranx hippos</i>) pyloric caeca: purification and characterization. <i>BMC Chemistry</i> , 2013 , 7, 166	3.7	8
75	Lectin from <i>Crataeva tapia</i> Bark Improves Tissue Damages and Plasma Hyperglycemia in Alloxan-Induced Diabetic Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 869305	2.3	8
74	ISOLATION OF LECTIN FROM OPUNTIA FICUS-INDICA CLADODES. <i>Acta Horticulturae</i> , 2009 , 281-286	0.3	8
73	<i>Schinus terebinthifolia</i> leaf lectin (SteLL) has anti-infective action and modulates the response of <i>Staphylococcus aureus</i> -infected macrophages. <i>Scientific Reports</i> , 2019 , 9, 18159	4.9	8

72	Assessment of 28-day oral toxicity and antipyretic activity of the saline extract from <i>Pilosocereus gounellei</i> (Cactaceae) stem in mice. <i>Journal of Ethnopharmacology</i> , 2019 , 234, 96-105	5	7
71	Binding targets of termiticidal lectins from the bark and leaf of <i>Myracrodruon urundeuva</i> in the gut of <i>Nasutitermes corniger</i> workers. <i>Pest Management Science</i> , 2018 , 74, 1593-1599	4.6	7
70	Electrochemical potential of <i>Microgramma vacciniifolia</i> rhizome lectin. <i>Bioelectrochemistry</i> , 2012 , 85, 56-60	5.6	7
69	Affinity matrices of <i>Cratylia mollis</i> seed lectins for isolation of glycoproteins from complex protein mixtures. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 171, 744-55	3.2	7
68	CrataBL, a lectin and Factor Xa inhibitor, plays a role in blood coagulation and impairs thrombus formation. <i>Biological Chemistry</i> , 2014 , 395, 1027-35	4.5	7
67	A new exogen anticoagulant with high selectivity to intrinsic pathway of coagulation. <i>Thrombosis Research</i> , 2011 , 128, 395-7	8.2	7
66	Evaluating glucose and mannose profiles in <i>Candida</i> species using quantum dots conjugated with Cramoll lectin as fluorescent nanoprobos. <i>Microbiological Research</i> , 2020 , 230, 126330	5.3	7
65	Ovicidal lectins from <i>Moringa oleifera</i> and <i>Myracrodruon urundeuva</i> cause alterations in chorionic surface and penetrate the embryos of <i>Aedes aegypti</i> eggs. <i>Pest Management Science</i> , 2020 , 76, 730-736	4.6	7
64	Purification and characterization of a protease from the visceral mass of <i>Mytella charruana</i> and its evaluation to obtain antimicrobial peptides. <i>Food Chemistry</i> , 2018 , 245, 1169-1175	8.5	7
63	Removal of tetracycline from contaminated water by <i>Moringa oleifera</i> seed preparations. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 744-51	2.6	6
62	Anti-staphylococcal activity of <i>Syagrus coronata</i> essential oil: Biofilm eradication and in vivo action on <i>Galleria mellonella</i> infection model. <i>Microbial Pathogenesis</i> , 2019 , 131, 150-157	3.8	6
61	A Bifunctional Molecule with Lectin and Protease Inhibitor Activities Isolated from Bark Significantly Affects Cocultures of Mesenchymal Stem Cells and Glioblastoma Cells. <i>Molecules</i> , 2019 , 24,	4.8	6
60	Larvicidal Activity of Plant and Algae Extracts, Essential Oils and Isolated Chemical Constituents against <i>Aedes aegypti</i> . <i>Natural Products Journal</i> , 2014 , 3, 268-291	0.6	6
59	Toxicity assessment and antinociceptive activity of an ethanolic extract from <i>Croton blanchetianus</i> (Euphorbiaceae) leaves. <i>South African Journal of Botany</i> , 2020 , 133, 30-39	2.9	6
58	Antitumor activity of <i>Moringa oleifera</i> (drumstick tree) flower trypsin inhibitor (MoFTI) in sarcoma 180-bearing mice. <i>Food and Chemical Toxicology</i> , 2020 , 145, 111691	4.7	6
57	Effect of gamma irradiation of <i>Moringa oleifera</i> seed lectin on its larvicidal, ovicidal, and oviposition-stimulant activities against <i>Aedes aegypti</i> . <i>South African Journal of Botany</i> , 2020 , 129, 3-8	2.9	6
56	Anti- <i>Candida</i> activity of the water-soluble lectin from <i>Moringa oleifera</i> seeds (WSMoL). <i>Journal De Mycologie Medicale</i> , 2021 , 31, 101074	3	6
55	Effects of two protease inhibitors from <i>Bauhinia bauhinoides</i> with different specificity towards gut enzymes of <i>Nasutitermes corniger</i> and its survival. <i>Chemosphere</i> , 2019 , 222, 364-370	8.4	5

54	Calliandra surinamensis lectin (CasuL) does not impair the functionality of mice splenocytes, promoting cell signaling and cytokine production. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 107, 650-655	7.5	5
53	Anacardium occidentale bark lectin: purification, immobilization as an affinity model and influence in the uptake of technetium-99M by rat adipocytes. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 168, 580-91	3.2	5
52	Interaction of Moringa oleifera seed lectin with humic acid. <i>Chemical Papers</i> , 2011 , 65,	1.9	5
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50	Insecticidal activity of a chemotype VI essential oil from Lippia alba leaves collected at Caatinga and the major compound (1,8-cineole) against Nasutitermes corniger and Sitophilus zeamais. <i>Pesticide Biochemistry and Physiology</i> , 2021 , 177, 104901	4.9	5
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16	Biotechnological Potential of Pine Nuts Extract and the Cysteine Protease Inhibitor AaCI-2S. <i>Plants</i> , 2020 , 9,	4.5	1
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14	Water-soluble lectin (WSMoL) from Moringa oleifera seeds treatment recovers glycemic levels and improves left ventricular ejection fraction on Type-2 Diabetes mice model. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021 , 93, e20201596	1.4	1
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