

Thiago Henrique Napoleo

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.

164 papers	2,398 citations	28 h-index	40 g-index
171 ext. papers	2,897 ext. citations	4 avg, IF	4.87 L-index

#	Paper	IF	Citations
164	Extract from <i>Opuntia ficus-indica</i> cladode delays the <i>Aedes aegypti</i> larval development by inducing an axenic midgut environment.. <i>Archives of Insect Biochemistry and Physiology</i> , 2022 , e21872	2.3	0
163	Flavonoid-rich fraction from <i>Croton blanchetianus</i> (Euphorbiaceae) leaves exerts peripheral and central analgesic effects by acting via the opioid and cholinergic systems.. <i>Chemistry and Biodiversity</i> , 2022 , e202100853	2.5	
162	Flavonoid-rich fraction of <i>Croton blanchetianus</i> Baill. (Euphorbiaceae) leaves: Chemical profile, acute and subacute toxicities, genotoxicity and antioxidant potential. <i>South African Journal of Botany</i> , 2022 , 144, 238-249	2.9	
161	Purification, characterization, and immunomodulatory activity of a lectin from the seeds of horse chestnut (<i>Aesculus hippocastanum</i> L.). <i>Current Research in Biotechnology</i> , 2022 , 4, 203-210	4.8	1
160	Antibacterial and antitumor activities of a lectin-rich preparation from rhizome.. <i>Current Research in Pharmacology and Drug Discovery</i> , 2022 , 3, 100093	3	1
159	Oral administration of essential oil from <i>Psidium glaziovianum</i> Kiaersk leaves alleviates pain and inflammation in mice.. <i>Inflammopharmacology</i> , 2022 , 30, 599	5.1	0
158	leaf lectin damages exochorionic cells and binds to the serosal cuticle of eggs.. <i>3 Biotech</i> , 2022 , 12, 109	2.8	
157	Phytochemical analysis and evaluation of the antimicrobial and antioxidant activities of extracts and fractions of Benth. <i>Natural Product Research</i> , 2021 , 35, 2937-2941	2.3	1
156	<i>Limosilactobacillus fermentum</i> Strains with Claimed Probiotic Properties Exert Anti-oxidant and Anti-inflammatory Properties and Prevent Cardiometabolic Disorder in Female Rats Fed a High-Fat Diet. <i>Probiotics and Antimicrobial Proteins</i> , 2021 , 1	5.5	5
155	Insecticidal activity of the essential oil of <i>Piper corcovadensis</i> leaves and its major compound (1-butyl-3,4-methylenedioxybenzene) against the maize weevil, <i>Sitophilus zeamais</i> . <i>Pest Management Science</i> , 2021 , 78, 1008	4.6	0
154	The trypsin inhibitor from <i>Moringa oleifera</i> flowers (MoFTI) inhibits acute inflammation in mice by reducing cytokine and nitric oxide levels. <i>South African Journal of Botany</i> , 2021 , 143, 474-474	2.9	2
153	Quantum dots conjugated to lectins from <i>Schinus terebinthifolia</i> leaves (SteLL) and <i>Punica granatum</i> sarcotesta (PgTeL) as potential fluorescent nanotools for investigating <i>Cryptococcus neoformans</i> . <i>International Journal of Biological Macromolecules</i> , 2021 , 192, 232-240	7.9	0
152	Chemical and antibacterial analysis of leaves extract and fractions against multidrug resistant bacteria. <i>Natural Product Research</i> , 2021 , 1-6	2.3	
151	Antinociceptive and Anti-Inflammatory Effects of Saline Extract and Lectin-Rich Fraction from <i>Microgramma vacciniifolia</i> Rhizome in Mice. <i>Chemistry and Biodiversity</i> , 2021 , 18, e2100125	2.5	2
150	Insecticidal activity of a chemotype VI essential oil from <i>Lippia alba</i> leaves collected at Caatinga and the major compound (1,8-cineole) against <i>Nasutitermes corniger</i> and <i>Sitophilus zeamais</i> . <i>Pesticide Biochemistry and Physiology</i> , 2021 , 177, 104901	4.9	5
149	Evaluation of the In Vivo Acute Toxicity and In Vitro Hemolytic and Immunomodulatory Activities of the <i>Moringa oleifera</i> Flower Trypsin Inhibitor (MoFTI). <i>Protein and Peptide Letters</i> , 2021 , 28, 665-674	1.9	2
148	Degradation of the residual textile mixture cetyltrimethylammonium bromide/remazol yellow gold RNL-150%/reactive blue BF-5G: evaluation photo-peroxidation and photo-Fenton processes in LED and UV-C photoreactors. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 64630-64641	5.1	1

147	Anti-staphylococcal effects of Myracrodruon urundeuva lectins on nonresistant and multidrug resistant isolates. <i>Journal of Applied Microbiology</i> , 2021 , 130, 745-754	4.7	3
146	Opuntia ficus-indica cladode extract is an embryotoxic, larvicidal, and oviposition-deterrent agent for the diamondback moth, Plutella xylostella. <i>Crop Protection</i> , 2021 , 139, 105351	2.7	2
145	Effects of a solid formulation containing lectin-rich fraction of Moringa oleifera seeds on egg hatching and development of Aedes aegypti larvae. <i>Acta Tropica</i> , 2021 , 214, 105789	3.2	2
144	A new lectin from the floral capitula of Egletes viscosa (EgviL): Biochemical and biophysical characterization and cytotoxicity to human cancer cells. <i>International Journal of Biological Macromolecules</i> , 2021 , 168, 676-685	7.9	
143	Antibacterial effects of the lectin from pomegranate sarcotesta (PgTeL) against Listeria monocytogenes. <i>Journal of Applied Microbiology</i> , 2021 , 131, 671-681	4.7	3
142	Anti-Candida activity of the water-soluble lectin from Moringa oleifera seeds (WSMoL). <i>Journal De Mycologie Medicale</i> , 2021 , 31, 101074	3	6
141	Pilosocereus gounellei (Cactaceae) stem extract decreases insulin resistance, inflammation, oxidative stress, and cardio-metabolic risk in diet-induced obese mice. <i>Journal of Ethnopharmacology</i> , 2021 , 265, 113327	5	3
140	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
139	Microgramma vacciniifolia frond lectin (MvFL) exhibits antitumor activity against sarcoma 180 in mice. <i>Phytomedicine Plus</i> , 2021 , 1, 100013		0
138	Insecticidal activity of the ether extract from the lichen Ramalina complanata and an isolated metabolite (divaricatic acid) against Sitophilus zeamais (Coleoptera, Curculionidae). <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 35, 102049	4.2	
137	Purification, Characterization, and Assessment of Antimicrobial Activity and Toxicity of Portulaca elatior Leaf Lectin (PeLL). <i>Probiotics and Antimicrobial Proteins</i> , 2021 , 1	5.5	1
136	Effects of a Mixed Formulation with Claimed Probiotic Properties on Cardiometabolic Variables, Biomarkers of Inflammation and Oxidative Stress in Male Rats Fed a High-Fat Diet. <i>Foods</i> , 2021 , 10,	4.9	3
135	Effects of Plectranthus barbatus leaf extract on survival, digestive proteases, midgut morphophysiology and gut microbiota homeostasis of Aedes aegypti larvae. <i>South African Journal of Botany</i> , 2021 , 141, 116-125	2.9	2
134	Pectin-like polysaccharide extracted from the leaves of Conocarpus erectus Linnaeus promotes antioxidant, immunomodulatory and prebiotic effects. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2021 , 26, 100263	3.4	3
133	Genotoxicity assessment of saline extract from (Cactaceae) and its chemopreventive effect against cyclophosphamide-induced DNA damage. <i>Heliyon</i> , 2020 , 6, e03811	3.6	2
132	Investigation of the ability of the oviposition-stimulant lectin from Moringa oleifera seeds (WSMoL) to bind with membrane proteins present in the legs of Aedes aegypti. <i>International Journal of Biological Macromolecules</i> , 2020 , 162, 657-662	7.9	2
131	Antinutritional effects of the chitin-binding lectin from Microgramma vacciniifolia rhizome (MvRL) on Sitophilus zeamais. <i>Journal of Stored Products Research</i> , 2020 , 88, 101652	2.5	3
130	Immunostimulatory and antioxidant activities of a lignin isolated from Conocarpus erectus leaves. <i>International Journal of Biological Macromolecules</i> , 2020 , 150, 169-177	7.9	11

129	leaf lectin (SteLL) is an immunomodulatory agent by altering cytokine release by mice splenocytes. <i>3 Biotech</i> , 2020 , 10, 144	2.8	4
128	Evaluation of the insecticidal activity of Moringa oleifera seed extract and lectin (WSMoL) against Sitophilus zeamais. <i>Journal of Stored Products Research</i> , 2020 , 87, 101615	2.5	8
127	Evaluation of the Cardiac Effects of a Water-Soluble Lectin (Wsmol) from Moringa Oleifera Seeds. <i>Arquivos Brasileiros De Cardiologia</i> , 2020 , 114, 1029-1037	1.2	3
126	Antinociceptive activity of Schinus terebinthifolia leaf lectin (SteLL) in sarcoma 180-bearing mice. <i>Journal of Ethnopharmacology</i> , 2020 , 259, 112952	5	3
125	Evaluation of the use of Myracrodruon urundeuva heartwood extracts to protect Moringa oleifera seeds against Nasutitermes corniger attack and improve sanity. <i>South African Journal of Botany</i> , 2020 , 129, 423-428	2.9	1
124	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
123	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
122	Polymorphisms in GSTE2 is associated with temephos resistance in Aedes aegypti. <i>Pesticide Biochemistry and Physiology</i> , 2020 , 165, 104464	4.9	4
121	CdTe-GSH as luminescent biomarker for labeling the larvicidal action of WSMoL lectin in Aedes aegypti larvae. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 187, 110672	6	5
120	Phytochemical analysis and evaluation of acute toxicity and antioxidant, antibacterial, and anti-inflammatory activities of ethanolic extracts from branches and leaves of Jacaranda rugosa. <i>South African Journal of Botany</i> , 2020 , 135, 233-239	2.9	4
119	In vitro effects of Moringa oleifera seed lectins on Haemonchus contortus in larval and adult stages. <i>Experimental Parasitology</i> , 2020 , 218, 108004	2.1	2
118	Bauhinia monandra leaf lectin (BmoLL) conjugated with quantum dots as fluorescent nanoprobes for biological studies: application to red blood cells. <i>Methods and Applications in Fluorescence</i> , 2020 , 8, 035009	3.1	1
117	Toxicity assessment and antinociceptive activity of an ethanolic extract from Croton blanchetianus (Euphorbiaceae) leaves. <i>South African Journal of Botany</i> , 2020 , 133, 30-39	2.9	6
116	Biotechnological Potential of Pine Nuts Extract and the Cysteine Protease Inhibitor AaCI-2S. <i>Plants</i> , 2020 , 9,	4.5	1
115	Toxicity assessment of saline extract and lectin-rich fraction from Microgramma vacciniifolia rhizome. <i>Toxicon</i> , 2020 , 187, 65-74	2.8	3
114	Advanced oxidation processes employment for the degradation of lamivudine: kinetic assessment, toxicity study and mathematical modeling. <i>Water Quality Research Journal of Canada</i> , 2020 , 55, 249-260	1.7	3
113	Insecticidal and antifungal activities of saline extract from Abarema cochliocarpos bark against pests with relevance to human health and agronomy. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020 , 28, 101739	4.2	0
112	Antimicrobial activity of polypyrrole nanoparticles and aqueous extract of against spp. carriers of multi-drug efflux system genes isolated from dairy farms. <i>Journal of Dairy Research</i> , 2020 , 87, 309-314	1.6	2

111	Antitumor activity of Moringa oleifera (drumstick tree) flower trypsin inhibitor (MoFTI) in sarcoma 180-bearing mice. <i>Food and Chemical Toxicology</i> , 2020 , 145, 111691	4.7	6
110	A Trypsin Inhibitor from Flowers Modulates the Immune Response In Vitro of -Infected Human Cells. <i>Antibiotics</i> , 2020 , 9,	4.9	2
109	Antibacterial lectin from Moringa oleifera 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
108	Effect of gamma irradiation of Moringa oleifera seed lectin on its larvicidal, ovicidal, and oviposition-stimulant activities against Aedes aegypti. <i>South African Journal of Botany</i> , 2020 , 129, 3-8	2.9	6
107	Evaluating glucose and mannose profiles in Candida species using quantum dots conjugated with Cramoll lectin as fluorescent nanoprobe. <i>Microbiological Research</i> , 2020 , 230, 126330	5.3	7
106	Ovicidal lectins from Moringa oleifera and Myracrodruon urundeuva cause alterations in chorionic surface and penetrate the embryos of Aedes aegypti eggs. <i>Pest Management Science</i> , 2020 , 76, 730-736	4.6	7
105	Anticryptococcal activity of hexane extract from Spondias tuberosa Arruda and associated cellular events. <i>Journal De Mycologie Medicale</i> , 2020 , 30, 100965	3	0
104	Schinus terebinthifolia leaf extract is a larvicidal, pupicidal, and oviposition deterring agent against Plutella xylostella. <i>South African Journal of Botany</i> , 2019 , 127, 124-128	2.9	3
103	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
102	Effects of two protease inhibitors from Bauhinia bauhinoides with different specificity towards gut enzymes of Nasutitermes corniger and its survival. <i>Chemosphere</i> , 2019 , 222, 364-370	8.4	5
101	Assessment of 28-day oral toxicity and antipyretic activity of the saline extract from Pilosocereus gounellei (Cactaceae) stem in mice. <i>Journal of Ethnopharmacology</i> , 2019 , 234, 96-105	5	7
100	Punica granatum sarcotesta lectin (PgTeL) has antibacterial activity and synergistic effects with antibiotics against β -lactamase-producing Escherichia coli. <i>International Journal of Biological Macromolecules</i> , 2019 , 135, 931-939	7.9	9
99	Looking for alternative treatments for bovine and caprine mastitis: Evaluation of the potential of Calliandra surinamensis leaf pinnulae lectin (CasuL), both alone and in combination with antibiotics. <i>MicrobiologyOpen</i> , 2019 , 8, e869	3.4	10
98	Saline extract from Malpighia emarginata DC leaves showed higher polyphenol presence, antioxidant and antifungal activity and promoted cell proliferation in mice splenocytes. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019 , 91, e20190916	1.4	5
97	Anti-staphylococcal activity of Syagrus coronata essential oil: Biofilm eradication and in vivo action on Galleria mellonella infection model. <i>Microbial Pathogenesis</i> , 2019 , 131, 150-157	3.8	6
96	The effects of Enterolobium contortisiliquum serine protease inhibitor on the survival of the termite Nasutitermes corniger, and its use as affinity adsorbent to purify termite proteases. <i>Pest Management Science</i> , 2019 , 75, 632-638	4.6	2
95	Schinus terebinthifolia leaf lectin (SteLL) has anti-infective action and modulates the response of Staphylococcus aureus-infected macrophages. <i>Scientific Reports</i> , 2019 , 9, 18159	4.9	8
94	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

93	Punica granatum sarcotesta lectin (PgTeL) impairs growth, structure, viability, aggregation, and biofilm formation ability of Staphylococcus aureus clinical isolates. <i>International Journal of Biological Macromolecules</i> , 2019 , 123, 600-608	7.9	9
92	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
91	In vitro evaluation of mercury (Hg) effects on biofilm formation by clinical and environmental isolates of Klebsiella pneumoniae. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 169, 669-677	7	11
90	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
89	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
88	Saline extract of Pilosocereus gounellei stem has antinociceptive effect in mice without showing acute toxicity and altering motor coordination. <i>Regulatory Toxicology and Pharmacology</i> , 2018 , 95, 289-297	2.4	16
87	Effects of Opuntia ficus-indica lectin on feeding, survival, and gut enzymes of maize weevil, Sitophilus zeamais. <i>Applied Biological Chemistry</i> , 2018 , 61, 337-343	2.9	9
86	Binding targets of termiticidal lectins from the bark and leaf of Myracrodruon urundeuva in the gut of Nasutitermes corniger workers. <i>Pest Management Science</i> , 2018 , 74, 1593-1599	4.6	7
85	A trypsin inhibitor from Moringa oleifera flower extract is cytotoxic to Trypanosoma cruzi with high selectivity over mammalian cells. <i>Natural Product Research</i> , 2018 , 32, 2940-2944	2.3	10
84	Purification and characterization of a lectin with refolding ability from Genipa americana bark. <i>International Journal of Biological Macromolecules</i> , 2018 , 119, 517-523	7.9	9
83	Lectins as antimicrobial agents. <i>Journal of Applied Microbiology</i> , 2018 , 125, 1238-1252	4.7	60
82	Evaluation of cytotoxic, immunomodulatory and antibacterial activities of aqueous extract from leaves of Conocarpus erectus Linnaeus (Combretaceae). <i>Journal of Pharmacy and Pharmacology</i> , 2018 , 70, 1092-1101	4.8	9
81	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
80	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	2.8	21
79	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
78	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
77	Phytochemical bioprospecting, antioxidant, antimicrobial and cytotoxicity activities of saline extract from Tithonia diversifolia (Hemsl) A. Gray leaves. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2018 , 8, 245	1.4	4
76	Conocarpus erectus L., a plant with a high content of structural sugars, ions and phenolic compounds, shows antioxidant and antimicrobial properties promoted by different organic fractions. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2018 , 8, 463	1.4	10

75	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
74	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
73	L-asparaginase isolated from Streptomyces ansochromogenes promotes Th1 profile and activates CD8 T cells in human PBMC: an invitro investigation. <i>Journal of Applied Microbiology</i> , 2018 , 124, 1122-1130	7.7	3
72	Purification and characterization of a protease from the visceral mass of Mytella charruana and its evaluation to obtain antimicrobial peptides. <i>Food Chemistry</i> , 2018 , 245, 1169-1175	8.5	7
71	Resistance of maize cultivars to Sitophilus zeamais (Coleoptera: Curculionidae). <i>Arquivos Do Instituto Biologico</i> , 2018 , 85,	1.6	1
70	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
69	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
68	CasuL: A new lectin isolated from Calliandra surinamensis 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
67	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
66	Cytotoxicity of the coagulant Moringa oleifera lectin (cMoL) to B16-F10 melanoma cells. <i>Toxicology in Vitro</i> , 2017 , 44, 94-99	3.6	18
65	Fatty acid-rich volatile oil from Syagrus coronata seeds has larvicidal and oviposition-deterrent activities against Aedes aegypti. <i>Physiological and Molecular Plant Pathology</i> , 2017 , 100, 35-40	2.6	9
64	Lectins, Interconnecting Proteins with Biotechnological/Pharmacological and Therapeutic Applications. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017 , 2017, 1594074	2.3	82
63	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
62	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
61	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
60	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
59	Essential Oils from Leaves of Medicinal Plants of Brazilian Flora: Chemical Composition and Activity against Candida Species. <i>Medicines (Basel, Switzerland)</i> , 2017 , 4,	4.1	13
58	Biofilm Formation in Bacillus cereus, B. licheniformis and B. pumilus: An Alternative for Survival in Impacted Environments. <i>International Journal of Sciences</i> , 2017 , 3, 73-78	1.5	3

57	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
56	The juicy sarcotesta of Punica granatum 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
55	Biotechnological value of Moringa oleifera seed cake as source of insecticidal lectin against Aedes aegypti. <i>Process Biochemistry</i> , 2016 , 51, 1683-1690	4.8	15
54	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
53	Evaluation of Moringa oleifera Seed Lectin as a Metal Remover in Aqueous Solutions. <i>Protein and Peptide Letters</i> , 2016 , 23, 645-9	1.9	3
52	Endophytic Microorganisms in Leaves of Moringa oleifera Collected in Three Localities at Pernambuco State, Northeastern Brazil. <i>British Microbiology Research Journal</i> , 2016 , 13, 1-7		5
51	Anti-biofilm potential of some plant volatile compounds against Proteus mirabilis. <i>Planta Medica</i> , 2016 , 81, S1-S381	3.1	
50	A Trypsin Inhibitor from Tecoma stans Leaves Inhibits Growth and Promotes ATP Depletion and Lipid Peroxidation in Candida albicans and Candida krusei. <i>Frontiers in Microbiology</i> , 2016 , 7, 611	5.7	17
49	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
48	Impact of stress on Aeromonas diversity in tambaqui (Colossoma macropomum) and lectin level change towards a bacterial challenge. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 3030-5	2.6	9
47	Coagulant Activity of Water-Soluble Moringa oleifera 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
46	Evaluation of acute toxicity, genotoxicity and inhibitory effect on acute inflammation of an ethanol extract of Morus alba L. (Moraceae) in mice. <i>Journal of Ethnopharmacology</i> , 2016 , 194, 162-168	5	30
45	Evaluation of antimicrobial, cytotoxic, and hemolytic activities from venom of the spider Lasiodora sp. <i>Toxicon</i> , 2016 , 122, 119-126	2.8	12
44	Effects of Unsaturated lactones on larval survival and gut trypsin as well as oviposition response of Aedes aegypti. <i>Experimental Parasitology</i> , 2015 , 156, 37-41	2.1	4
43	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
42	Water-soluble Moringa oleifera 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
41	Schinus terebinthifolius Leaf Extract Causes Midgut Damage, Interfering with Survival and Development of Aedes aegypti Larvae. <i>PLoS ONE</i> , 2015 , 10, e0126612	3.7	43
40	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

39	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
38	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
37	<i>Moringa oleifera</i> : Resource Management and Multiuse Life Tree. <i>Advances in Research</i> , 2015 , 4, 388-402	0.1	19
36	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
35	Antifungal activity of <i>Microgramma vacciniifolia</i> rhizome lectin on genetically distinct <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> races. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 172, 1098-105	3.2	13
34	Screening of Caatinga plants as sources of lectins and trypsin inhibitors. <i>Natural Product Research</i> , 2014 , 28, 1297-301	2.3	11
33	Digestive enzymes from workers and soldiers of termite <i>Nasutitermes corniger</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014 , 176, 1-8	2.3	14
32	Effect of <i>Moringa oleifera</i> lectins on survival and enzyme activities of <i>Aedes aegypti</i> larvae susceptible and resistant to organophosphate. <i>Parasitology Research</i> , 2014 , 113, 175-84	2.4	65
31	Evaluation of <i>Moringa oleifera</i> seed lectin in traps for the capture of <i>Aedes aegypti</i> eggs and adults under semi-field conditions. <i>Parasitology Research</i> , 2014 , 113, 1837-42	2.4	14
30	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
29	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
28	Toxic effects of <i>Microgramma vacciniifolia</i> rhizome lectin on <i>Artemia salina</i> , human cells, and the schistosomiasis vector <i>Biomphalaria glabrata</i> . <i>Acta Tropica</i> , 2014 , 138, 23-7	3.2	25
27	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
26	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
25	Deleterious effects of <i>Myracrodruon urundeuva</i> leaf extract and lectin on the maize weevil, <i>Sitophilus zeamais</i> (Coleoptera, Curculionidae). <i>Journal of Stored Products Research</i> , 2013 , 54, 26-33	2.5	27
24	Antimicrobial lectin from <i>Schinus terebinthifolius</i> leaf. <i>Journal of Applied Microbiology</i> , 2013 , 114, 672-9	4.7	49
23	Evaluation of cytotoxic and anti-inflammatory activities of extracts and lectins from <i>Moringa oleifera</i> seeds. <i>PLoS ONE</i> , 2013 , 8, e81973	3.7	52
22	Electrochemical potential of <i>Microgramma vacciniifolia</i> rhizome lectin. <i>Bioelectrochemistry</i> , 2012 , 85, 56-60	5.6	7

21	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
20	Oviposition-stimulant and ovicidal activities of Moringa oleifera lectin on Aedes aegypti. <i>PLoS ONE</i> , 2012 , 7, e44840	3.7	37
19	Crataeva tapia bark lectin is an affinity adsorbent and insecticidal agent. <i>Plant Science</i> , 2012 , 183, 20-6	5.3	28
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15	Effect of Moringa oleifera flower extract on larval trypsin and acetylcholinesterase activities in Aedes aegypti. <i>Archives of Insect Biochemistry and Physiology</i> , 2012 , 79, 135-52	2.3	42
14	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
13	Genotoxicity evaluation of Moringa oleifera seed extract and lectin. <i>Journal of Food Science</i> , 2011 , 76, T53-8	3.4	27
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7	Antibacterial and antifungal activities of Myracrodruon urundeuva heartwood. <i>Wood Science and Technology</i> , 2009 , 43, 85-95	2.5	40
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