

Edgar Zenteno

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/288607/publications.pdf>

Version: 2024-02-01

173
papers

4,140
citations

159585

30
h-index

161849

54
g-index

176
all docs

176
docs citations

176
times ranked

5419
citing authors

#	ARTICLE	IF	CITATIONS
1	Review: Immunity mechanisms in crustaceans. <i>Innate Immunity</i> , 2009, 15, 179-188.	2.4	322
2	Cell Death Mechanisms Induced by Cytotoxic Lymphocytes. <i>Cellular and Molecular Immunology</i> , 2009, 6, 15-25.	10.5	260
3	Title is missing!. <i>Plant and Soil</i> , 2003, 249, 271-277.	3.7	246
4	Age-Related Macular Degeneration: New Paradigms for Treatment and Management of AMD. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-14.	4.0	152
5	Endophytic bacteria in rice seeds inhibit early colonization of roots by <i>Azospirillum brasilense</i> . <i>Soil Biology and Biochemistry</i> , 2001, 33, 167-172.	8.8	131
6	Obesity subtypes, related biomarkers & heterogeneity. <i>Indian Journal of Medical Research</i> , 2020, 151, 11.	1.0	93
7	Neuroprotective effect of alpha-asarone on spatial memory and nitric oxide levels in rats injected with amyloid- β (25-35). <i>Neuroscience Letters</i> , 2009, 453, 98-103.	2.1	86
8	Biochemical, physiological, and immunological changes during starvation in juveniles of <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2006, 251, 416-429.	3.5	76
9	Purification and characterization of a lectin from the white shrimp <i>Litopenaeus setiferus</i> (Crustacea) Tj ETQq1 1 0.784314 rgBT /Over 2.4 89	2.4	89
10	Antioxidant effects of Epicatechin on the hippocampal toxicity caused by Amyloid-beta 25-35 in rats. <i>European Journal of Pharmacology</i> , 2009, 616, 122-127.	3.5	67
11	A β 25-35 Injection into the Temporal Cortex Induces Chronic Inflammation that Contributes to Neurodegeneration and Spatial Memory Impairment in Rats. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 505-522.	2.6	64
12	Effect of glycine in streptozotocin-induced diabetic rats. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2003, 134, 521-527.	2.6	62
13	Amyloid- β 25-35 impairs memory and increases NO in the temporal cortex of rats. <i>Neuroscience Research</i> , 2009, 63, 129-137.	1.9	60
14	The activation of CD14, TLR4, and TLR2 by mmLDL induces IL-1 β , IL-6, and IL-10 secretion in human monocytes and macrophages. <i>Lipids in Health and Disease</i> , 2010, 9, 117.	3.0	59
15	Altered Glycosylation Pattern of Proteins in Alzheimer Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 1998, 57, 905-914.	1.7	54
16	PstS α 1, the 38 kDa <i>Mycobacterium tuberculosis</i> Glycoprotein, is an Adhesin, Which Binds the Macrophage Mannose Receptor and Promotes Phagocytosis. <i>Scandinavian Journal of Immunology</i> , 2015, 81, 46-55.	2.7	53
17	Identification of prolactin as a novel immunomodulator on the expression of co-stimulatory molecules and cytokine secretions on T and B human lymphocytes. <i>Clinical Immunology</i> , 2005, 116, 182-191.	3.2	52
18	Aminoguanidine treatment ameliorates inflammatory responses and memory impairment induced by amyloid-beta 25-35 injection in rats. <i>Neuropeptides</i> , 2014, 48, 153-159.	2.2	50

#	ARTICLE	IF	CITATIONS
19	The role of NOS in the impairment of spatial memory and damaged neurons in rats injected with amyloid beta 25â€“35 into the temporal cortex. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 98, 67-75.	2.9	49
20	Impact of Gene Dosage on Gene Expression, Biological Processes and Survival in Cervical Cancer: A Genome-Wide Follow-Up Study. <i>PLoS ONE</i> , 2014, 9, e97842.	2.5	46
21	Bacterial agglutination by the sialic acid specific serum lectin from <i>Macrobrachium rosenbergii</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1996, 113, 355-359.	1.6	43
22	Purification of a lectin from <i>Amaranthus leucocarpus</i> by affinity chromatography. <i>Phytochemistry</i> , 1988, 27, 313-317.	2.9	42
23	Participation of a sialic acid-specific lectin from freshwater prawn <i>Macrobrachium rosenbergii</i> hemocytes in the recognition of non-self cells. , 1997, 279, 265-272.		41
24	Immunity to porcine rubulavirus infection in adult swine. <i>Veterinary Immunology and Immunopathology</i> , 1998, 64, 367-381.	1.2	39
25	Participation of serum and membrane lectins on the oxidative burst regulation in <i>Macrobrachium rosenbergii</i> hemocytes. <i>Developmental and Comparative Immunology</i> , 2005, 29, 113-121.	2.3	39
26	Identification of Galectin-3 and Mucin-Type O-Glycans in Breast Cancer and Its Metastasis to Brain. <i>Cancer Investigation</i> , 2008, 26, 615-623.	1.3	39
27	Comparative evaluation of the CD4+CD8+ and CD4+CD8âˆ“ lymphocytes in the immune response to porcine rubulavirus. <i>Veterinary Immunology and Immunopathology</i> , 2001, 79, 249-259.	1.2	38
28	<i>Litopenaeus vannamei</i> juveniles energetic balance and immunological response to dietary protein. <i>Aquaculture</i> , 2004, 236, 431-450.	3.5	37
29	The Role of the SARS-CoV-2 S-Protein Glycosylation in the Interaction of SARS-CoV-2/ACE2 and Immunological Responses. <i>Viral Immunology</i> , 2021, 34, 165-173.	1.3	36
30	OGT: a short overview of an enzyme standing out from usual glycosyltransferases. <i>Biochemical Society Transactions</i> , 2017, 45, 365-370.	3.4	35
31	Morphology of hemocytes from the freshwater prawn <i>Macrobrachium rosenbergii</i> . , 1997, 234, 147-153.		33
32	Increased expression of sialic acid in cervical biopsies with squamous intraepithelial lesions. <i>Diagnostic Pathology</i> , 2010, 5, 74.	2.0	31
33	Specificity of <i>Amaranthus leucocarpus</i> lectin. <i>Glycoconjugate Journal</i> , 1992, 9, 204-208.	2.7	30
34	Differential expression of sialic acid on porcine organs during the maturation process. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000, 126, 415-424.	1.6	29
35	Purification and partial characterization of an agglutinin from <i>Octopus maya</i> serum. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 156, 1-5.	1.6	29
36	Analysis of microRNA expression signatures in malignant pleural mesothelioma, pleural inflammation, and atypical mesothelial hyperplasia reveals common predictive tumorigenesis-related targets. <i>Experimental and Molecular Pathology</i> , 2014, 97, 375-385.	2.1	29

#	ARTICLE	IF	CITATIONS
37	The porcine paramyxovirus LPM specifically recognizes sialyl (? 2,3) lactose-containing structures. Archives of Virology, 1993, 133, 195-200.	2.1	28
38	Characterization of GP39-42 and GP24 antigens from Taenia solium cysticerci and of their antigenic GP10 subunit. Parasitology Research, 1999, 85, 680-684.	1.6	28
39	Oral glycine administration attenuates diabetic complications in streptozotocin-induced diabetic rats. Life Sciences, 2006, 79, 225-232.	4.3	28
40	Participation of lectins in crustacean immune system. Aquaculture Research, 2017, 48, 4001-4011.	1.8	28
41	NeuAc \pm 2,3Gal-Glycoconjugate Expression Determines Cell Susceptibility to the Porcine Rubulavirus LPMV. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1997, 118, 327-332.	1.6	27
42	Intracellular expression of interleukin-4 and interferon-gamma by a Mycobacterium tuberculosis antigen-stimulated CD4+ CD57+ T-cell subpopulation with memory phenotype in tuberculosis patients. Immunology, 2004, 111, 100-106.	4.4	27
43	Outer membrane vesicles of <i>Pasteurella multocida</i> contain virulence factors. MicrobiologyOpen, 2014, 3, 711-717.	3.0	27
44	Characterization of a cytotoxic CD57+ T cell subset from patients with pulmonary tuberculosis. Clinical Immunology, 2006, 121, 314-323.	3.2	26
45	Purification and characterization of a lectin from Macrobrachium rosenbergh (Crustacea, Decapoda) hemolymph. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1993, 105, 617-623.	0.2	24
46	Flagella and Motility in Actinobacillus pleuropneumoniae. Journal of Bacteriology, 2003, 185, 664-668.	2.2	24
47	Pattern recognition receptors in the crustacean immune response against bacterial infections. Aquaculture, 2021, 532, 735998.	3.5	24
48	O-Glycosylation in Sprouting Neurons in Alzheimer Disease, Indicating Reactive plasticity. Journal of Neuropathology and Experimental Neurology, 2001, 60, 441-448.	1.7	23
49	Alteration of the sialylation pattern and memory deficits by injection of A β (25-35) into the hippocampus of rats. Neuroscience Letters, 2011, 495, 11-16.	2.1	23
50	Th-17 cytokines are associated with severity of Trypanosoma cruzi chronic infection in pediatric patients from endemic areas of Mexico. Acta Tropica, 2018, 178, 134-141.	2.0	23
51	Chemical characterization of the lectin from the freshwater prawn Macrobrachium rosenbergii (De Tj ETQq1 1 0.784314 rgBT /Overl... 2000, 127, 243-250.	1.6	22
52	The amyloid- β (25-35) injection into the CA1 region of the neonatal rat hippocampus impairs the long-term memory because of an increase of nitric oxide. Neuroscience Letters, 2010, 468, 151-155.	2.1	22
53	Prolactin down-regulates CD4+CD25hiCD127low/hi regulatory T cell function in humans. Journal of Molecular Endocrinology, 2012, 48, 77-85.	2.5	22
54	Purification and characterization of an adhesin from Pasteurella haemolytica. Glycobiology, 2000, 10, 31-37.	2.5	21

#	ARTICLE	IF	CITATIONS
55	Sialic Acid Expression in the Mosquito <i>Aedes aegypti</i> and Its Possible Role in Dengue Virus-Vector Interactions. <i>BioMed Research International</i> , 2015, 2015, 1-16.	1.9	21
56	Chagas Disease in Mexico: Report of 14 Cases of Chagasic Cardiomyopathy in Children. <i>Tohoku Journal of Experimental Medicine</i> , 2016, 240, 243-249.	1.2	21
57	Origin, evolution and function of the hemipteran perimicrovillar membrane with emphasis on Reduviidae that transmit Chagas disease. <i>Bulletin of Entomological Research</i> , 2016, 106, 279-291.	1.0	21
58	The mitochondrial O-linked N-acetylglucosamine transferase (mOGT) in the diabetic patient could be the initial trigger to develop Alzheimer disease. <i>Experimental Gerontology</i> , 2014, 58, 198-202.	2.8	20
59	Antiproliferative, Cytotoxic, and Apoptotic Activity of Steroidal Oximes in Cervicouterine Cell Lines. <i>Molecules</i> , 2016, 21, 1533.	3.8	20
60	New Insights into the Mechanism of Action of PirAB from <i>Vibrio Parahaemolyticus</i> . <i>Toxins</i> , 2022, 14, 243.	3.4	20
61	Purification and characterization of a galactose-specific lectin from corn (<i>Zea mays</i>) coleoptyle. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2001, 1568, 37-44.	2.4	19
62	Interplay between Oxidative Stress, Inflammation, and Amyloidosis in the Anterior Segment of the Eye; Its Pathological Implications. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	4.0	19
63	<i>Histoplasma capsulatum</i> yeast cells attach and agglutinate human erythrocytes. <i>Medical Mycology</i> , 2004, 42, 287-292.	0.7	18
64	Specificity of syn. lectin for -glycopeptides. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1674, 282-290.	2.4	18
65	The interaction between <i>Histoplasma capsulatum</i> cell wall carbohydrates and host components: relevance in the immunomodulatory role of histoplasmosis. <i>Memórias Do Instituto Oswaldo Cruz</i> , 2009, 104, 492-496.	1.6	18
66	Characterization of a lectin from the crayfish <i>Cherax quadricarinatus</i> hemolymph and its effect on hemocytes. <i>Fish and Shellfish Immunology</i> , 2014, 39, 450-457.	3.6	18
67	Aerial pesticide application causes DNA damage in pilots from Sinaloa, Mexico. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2412-2420.	5.3	18
68	Specificity of the isolectins from the plant cactus <i>Machaerocereus eruca</i> for oligosaccharides from porcine stomach mucin. <i>Glycoconjugate Journal</i> , 1995, 12, 699-706.	2.7	17
69	Relevance of sialoglycoconjugates in murine thymocytes during maturation and selection in the thymus. <i>Immunological Investigations</i> , 1999, 28, 9-18.	2.0	17
70	Quantification of lectin in freshwater prawn (<i>Macrobrachium rosenbergii</i>) hemolymph by ELISA. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000, 127, 165-172.	1.6	17
71	Characterization of an O-Glycosylated Plaque-Associated Protein from Alzheimer Disease Brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2003, 62, 34-41.	1.7	17
72	HUVECs from newborns with a strong family history of diabetes show diminished ROS synthesis in the presence of high glucose concentrations. <i>Diabetes/Metabolism Research and Reviews</i> , 2007, 23, 71-80.	4.0	17

#	ARTICLE	IF	CITATIONS
73	Effect of Prolactin on Lymphocyte Activation from Systemic Lupus Erythematosus Patients. <i>Annals of the New York Academy of Sciences</i> , 2007, 1108, 157-165.	3.8	17
74	Protein C activation peptide inhibits the expression of ICAM-1, VCAM-1, and interleukin-8 induced by TNF- α in human dermal microvascular endothelial cells. <i>Folia Histochemica Et Cytobiologica</i> , 2012, 50, 407-413.	1.5	17
75	Effect of Lectins on Mouse Peritoneal Macrophage Phagocytic Activity. <i>Immunological Investigations</i> , 1994, 23, 429-436.	2.0	16
76	The therapeutic potential of galectin-1 and galectin-3 in the treatment of neurodegenerative diseases. <i>Expert Review of Neurotherapeutics</i> , 2020, 20, 439-448.	2.8	16
77	Should RT-PCR be considered a gold standard in the diagnosis of COVID-19?. <i>Journal of Medical Virology</i> , 2021, 93, 137-138.	5.0	16
78	Sialylation is modulated through maturation in hemocytes from <i>Macrobrachium rosenbergii</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2001, 130, 179-189.	2.6	15
79	Hevein, an allergenic lectin from rubber latex, activates human neutrophils' oxidative burst. <i>Glycoconjugate Journal</i> , 2001, 18, 339-345.	2.7	15
80	Neuroinflammation induced by amyloid β 25-35 modifies mucin-type O-glycosylation in the rat's hippocampus. <i>Neuropeptides</i> , 2018, 67, 56-62.	2.2	15
81	Molecules and Prostaglandins Related to Embryo Tolerance. <i>Frontiers in Immunology</i> , 2020, 11, 555414.	4.8	15
82	Chemical characterization of the lectin from <i>Amaranthus leucocarpus</i> syn. <i>hypocondriacus</i> by 2-D proteome analysis. <i>Glycoconjugate Journal</i> , 2001, 18, 321-329.	2.7	14
83	Tissue and cellular characterisation of nucleolin in a murine model of corneal angiogenesis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1753-1763.	1.9	14
84	Identification of lectin isoforms in juvenile freshwater prawns <i>Macrobrachium rosenbergii</i> (DeMan.) <i>Tj ETQqO O O rgBT /Overlock 10 Tf 50</i>	2.7	13
85	Antigenic secreted proteins from <i>Haemophilus paragallinarum</i> . A 110-kDa putative RTX protein. <i>FEMS Microbiology Letters</i> , 2004, 232, 83-87.	1.8	13
86	The N-acetyl-d-glucosamine specific adhesin from <i>Mannheimia haemolytica</i> activates bovine neutrophils oxidative burst. <i>Veterinary Immunology and Immunopathology</i> , 2006, 113, 148-156.	1.2	13
87	Cervical cancer cells induce apoptosis in TCD4+ lymphocytes through the secretion of TGF- β 2. <i>Archives of Gynecology and Obstetrics</i> , 2013, 287, 755-763.	1.7	13
88	Apart From Rhoptries, Identification of <i>Toxoplasma gondii</i> 's O-GlcNAcylated Proteins Reinforces the Universality of the O-GlcNAc. <i>Frontiers in Endocrinology</i> , 2018, 9, 450.	3.5	13
89	In vivo administration of LPS and β -glucan generates the expression of a serum lectin and its cellular receptor in <i>Cherax quadricarinatus</i> . <i>Fish and Shellfish Immunology</i> , 2019, 94, 10-16.	3.6	13
90	Purification and characterization of the hemagglutinin-neuraminidase of Porcine rubulavirus LPMV. <i>Glycoconjugate Journal</i> , 1999, 16, 517-522.	2.7	12

#	ARTICLE	IF	CITATIONS
91	A Comparative Study on the Purification of the <i>Amaranthus leucocarpus</i> Syn. <i>Hypocondriacus</i> Lectin. <i>Preparative Biochemistry and Biotechnology</i> , 1999, 29, 219-234.	1.9	12
92	Differential expression of a 70kDa O-glycoprotein on T cells: a possible marker for naive and early activated murine T cells. <i>Cellular Immunology</i> , 2002, 218, 34-45.	3.0	12
93	Interaction of <i>Histoplasma capsulatum</i> Yeasts with Galactosylated Surface Molecules of Murine Macrophages. <i>Archives of Medical Research</i> , 2003, 34, 176-183.	3.3	12
94	<i>Litopenaeus vannamei</i> juveniles energetic balance and immunological response to dietary proteins. <i>Aquaculture</i> , 2004, 239, 375-395.	3.5	12
95	EGF-R and erbB-2 in murine tooth development after ethanol exposure. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2005, 73, 65-71.	1.6	12
96	Lectin from <i>Phaseolus acutifolius</i> var. <i>escumite</i> : Chemical Characterization, Sugar Specificity, and Effect on Human T-Lymphocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 5781-5787.	5.2	12
97	Activation of immunological responses in <i>Litopenaeus setiferus</i> hemocytes by a hemocyanin like-lectin. <i>Aquaculture</i> , 2009, 292, 11-15.	3.5	12
98	The B Subunit of PirABvp Toxin Secreted from <i>Vibrio parahaemolyticus</i> Causing AHPND Is an Amino Sugar Specific Lectin. <i>Pathogens</i> , 2020, 9, 182.	2.8	12
99	Purification and partial characterization of two lectins from the cactus <i>Machaerocereus eruca</i> . <i>FEBS Letters</i> , 1988, 238, 95-100.	2.8	11
100	<i>Amaranthus leucocarpus</i> Lectin Recognizes Human Naive T Cell Subpopulations. <i>Immunological Investigations</i> , 1997, 26, 579-587.	2.0	11
101	Use of <i>Amaranthus leucocarpus</i> Lectin to Differentiate Cervical Dysplasia (CIN). <i>Preparative Biochemistry and Biotechnology</i> , 2007, 37, 219-228.	1.9	11
102	Amyloid- β 25-35 induces a permanent phosphorylation of HSF-1, but a transitory and inflammation-independent overexpression of Hsp-70 in C6 astrocytoma cells. <i>Neuropeptides</i> , 2013, 47, 339-346.	2.2	11
103	Isolation of an Immunosuppressive Lectin from <i>Phaseolus vulgaris</i> L. cv <i>Cacahuete</i> Using Stroma. <i>Preparative Biochemistry and Biotechnology</i> , 1993, 23, 473-483.	0.5	10
104	Isolation of the receptor for <i>Amaranthus leucocarpus</i> lectin from murine peritoneal macrophages. <i>Glycoconjugate Journal</i> , 1998, 15, 809-814.	2.7	10
105	The Effect of Raw Full-Fat Soybean and Its Lectin on the Nutrition and Pigmentation of Broilers. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5702-5708.	5.2	10
106	Effect of <i>Bifidobacterium bifidum</i> DSM 20082 Cytoplasmic Fraction on Human Immune Cells. <i>Immunological Investigations</i> , 2009, 38, 104-115.	2.0	10
107	Usefulness of the murine model to study the immune response against <i>Histoplasma capsulatum</i> infection. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2014, 37, 143-152.	1.6	10
108	Purification and Partial Characterization of β -Glucosidase in Chayote (<i>Sechium edule</i>). <i>Molecules</i> , 2015, 20, 19372-19392.	3.8	10

#	ARTICLE	IF	CITATIONS
109	Machaerocereus eruca cactus isolectins. Purification and characterization. <i>Plant Science</i> , 1991, 77, 11-19.	3.6	9
110	Characterization of lectin aggregates in the hemolymph of freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1673, 122-130.	2.4	9
111	Increased expression of CD30 and CD57 molecules on CD4+ T cells from children with atopic asthma: A preliminary report. <i>Allergy and Asthma Proceedings</i> , 2007, 28, 659-666.	2.2	9
112	Erythroagglutinin from <i>Phaseolus coccineus</i> Var. <i>Alubia</i> : Chemical Characterization, Sugar Specificity, and Effect on Blood Coagulation Factors. <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 3747-3752.	5.2	8
113	Inhibition of phagocytic activity by the N-acetyl-D-galactosamine-specific lectin from <i>Amaranthus leucocarpus</i> . <i>Glycoconjugate Journal</i> , 1998, 15, 615-622.	2.7	8
114	Differential Expression of O-Glycans in CD4 ⁺ T Lymphocytes from Patients with Systemic Lupus Erythematosus. <i>Tohoku Journal of Experimental Medicine</i> , 2016, 240, 79-89.	1.2	8
115	Relevance of glycans in the interaction between T lymphocyte and the antigen presenting cell. <i>International Reviews of Immunology</i> , 2021, 40, 274-288.	3.3	8
116	Overexpression of glycosylated proteins in cervical cancer recognized by the <i>Machaerocereus eruca</i> agglutinin. <i>Folia Histochemica Et Cytobiologica</i> , 2012, 50, 398-406.	1.5	8
117	Interaction of Spike protein and lipid membrane of SARS-CoV-2 with Ursodeoxycholic acid, an in-silico analysis. <i>Scientific Reports</i> , 2021, 11, 22288.	3.3	8
118	Increased O-GlcNAcylation promotes IGF-1 receptor/Phosphatidylinositol-3 kinase/Akt pathway in cervical cancer cells. <i>Scientific Reports</i> , 2022, 12, 4464.	3.3	8
119	Effect of amyloid- β (25-35) in hyperglycemic and hyperinsulinemic rats, effects on phosphorylation and O-GlcNAcylation of tau protein. <i>Neuropeptides</i> , 2017, 63, 18-27.	2.2	7
120	Markers of Alzheimer's Disease in Primary Visual Cortex in Normal Aging in Mice. <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	7
121	The <i>Vibrio parahaemolyticus</i> subunit toxin PirB recognizes glycoproteins on the epithelium of the <i>Penaeus vannamei</i> hepatopancreas. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2022, 257, 110673.	1.6	7
122	Neuroinflammation and galectins: a key relationship in neurodegenerative diseases. <i>Glycoconjugate Journal</i> , 2022, 39, 685-699.	2.7	7
123	Purification and characterization of a lectin from <i>Erythrina americana</i> by affinity chromatography. <i>Plant Science</i> , 1990, 72, 133-140.	3.6	6
124	A fungal tRNA of <i>Aspergillus niger</i> induces IFN- β synthesis in HEp-2 cells. <i>Life Sciences</i> , 2005, 77, 578-588.	4.3	6
125	Differential O-glycosylation in cortical and medullary thymocytes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 1235-1240.	2.4	6
126	Isolation and characterization of the potential receptor for wheat germ agglutinin from human neutrophils. <i>Glycoconjugate Journal</i> , 2006, 23, 591-598.	2.7	6

#	ARTICLE	IF	CITATIONS
127	Identification of Potential B Cell Epitope Determinants by Computer Techniques, in Hemagglutininâ€“Neuraminidase from the Porcine Rubulavirus La Piedad Michoacan. <i>Viral Immunology</i> , 2007, 20, 250-260.	1.3	6
128	Amaranthus leucocarpuslectin (ALL) Enhances anti-CD3-Dependent Activation of Murine T Cells and Promotes Cell Survival. <i>Immunological Investigations</i> , 2011, 40, 113-129.	2.0	6
129	Extracellular traps involved in invertebrate immune mechanisms. <i>Fish and Shellfish Immunology</i> , 2022, 121, 380-386.	3.6	6
130	Purification of a N-acetyl-d-galactosamine specific lectin from the orchid <i>Laelia autumnalis</i> . <i>Phytochemistry</i> , 1995, 40, 651-655.	2.9	5
131	The Hydrophobic Character of Peanut (<i>Arachishypogaea</i>) Isoagglutinins. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 6267-6270.	5.2	5
132	Toluidine blue-O staining of prion protein deposits. <i>Histochemistry and Cell Biology</i> , 2001, 116, 519-524.	1.7	5
133	O-GLYCOSYLATION EXPRESSION IN FIBROADENOMA. <i>Preparative Biochemistry and Biotechnology</i> , 2009, 40, 1-12.	1.9	5
134	Immunogenic peptide mimotopes from an epitope of <i>Escherichia coli</i> O157 LPS. <i>Biochemical Journal</i> , 2016, 473, 3791-3804.	3.7	5
135	The effect of the lectin from <i>Cherax quadricarinatus</i> on its granular hemocytes. <i>Fish and Shellfish Immunology</i> , 2018, 77, 131-138.	3.6	5
136	Identification of a mannoseâ€“binding lectinâ€“like protein recognized by the antiâ€“CD25 antibody in haemocytes from <i>Cherax quadricarinatus</i> . <i>Aquaculture Research</i> , 2020, 51, 3119-3128.	1.8	5
137	Peanut and <i>Amaranthus leucocarpus</i> lectins discriminate between memory and naive/quiescent porcine lymphocytes. <i>Veterinary Immunology and Immunopathology</i> , 2002, 84, 71-82.	1.2	4
138	Analysis of the Lectins from Teosinte (<i>Zea diploperennis</i>) and Maize (<i>Zea mays</i>) Coleoptiles. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 3783-3789.	5.2	4
139	Alteration of the sialylation pattern of the murine tooth germ after ethanol exposure. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2005, 73, 980-988.	1.6	4
140	Isolation of the receptor for the <i>Amaranthus leucocarpus</i> lectin from human T lymphocytes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1724, 155-162.	2.4	4
141	The Use of Monoclonal Antibodies Anti-Lectin from Freshwater Prawn <i>Macrobrachium rosenbergii</i> (DeMan, 1879) in the Recognition of Protein with Lectin Activity in Decapod's Hemolymph. <i>Preparative Biochemistry and Biotechnology</i> , 2009, 39, 308-322.	1.9	4
142	Lectin Activity of the Coagulation Factor VIII/von Willebrand Complex. <i>Tohoku Journal of Experimental Medicine</i> , 2009, 217, 209-215.	1.2	4
143	Identification of Amino Acid Variants in the Hepatitis C Virus Non-Structural Protein 4A. <i>Tohoku Journal of Experimental Medicine</i> , 2009, 218, 165-175.	1.2	4
144	The <i>Amaranthus leucocarpus</i> Lectin Enhances the Anti-CD3 Antibody-Mediated Activation of Human Peripheral Blood CD4+ T Cells. <i>Tohoku Journal of Experimental Medicine</i> , 2010, 221, 271-279.	1.2	4

#	ARTICLE	IF	CITATIONS
145	Sialylated and O-glycosidically linked glycans in prion protein deposits in a case of Gerstmann-Str�ussler-Scheinker disease. <i>Neuropathology</i> , 2011, 31, 162-169.	1.2	4
146	Better detection of platelet aggregation in patients with metabolic syndrome using epinephrine and ADP. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 93.	2.7	4
147	Response to Infection by <i>Trypanosoma cruzi</i> in a Murine Model. <i>Frontiers in Veterinary Science</i> , 2020, 7, 568745.	2.2	4
148	Induction of intestinal malabsorption syndrome in rats fed with <i>Agaricus bisporus</i> mushroom lectin. <i>Journal of Agricultural and Food Chemistry</i> , 1992, 40, 1375-1378.	5.2	3
149	Identification of major glycoconjugates from <i>Mycobacterium bovis</i> culture filtrate by biotin-hydrazide labeling. <i>Glycoconjugate Journal</i> , 1998, 15, 843-846.	2.7	3
150	The effect of sugars and free amino acids from the freshwater prawn <i>Macrobrachium rosenbergii</i> hemolymph on lectin activity and on oxidative burst. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 142, 212-219.	2.6	3
151	Purification of the receptor for the N-acetyl-d-glucosamine specific adhesin of <i>Mannheimia haemolytica</i> from bovine neutrophils. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 1483-1489.	2.4	3
152	O-Glycosylation of NnTreg Lymphocytes Recognized by the <i>Amaranthus leucocarpus</i> Lectin. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-9.	3.3	3
153	Effect of <i>Histoplasma capsulatum</i> glucans on host innate immunity. <i>Revista Iberoamericana De Micologia</i> , 2014, 31, 76-80.	0.9	3
154	Molecules in seminal plasma related to platelets in preeclampsia. <i>Medical Hypotheses</i> , 2016, 93, 27-29.	1.5	3
155	Comparative Analysis of Mononuclear Cell Surface Markers in Atopic Processes�� Preliminary Study. <i>Immunological Investigations</i> , 2003, 32, 95-104.	2.0	2
156	Potential Use of the <i>Macrobrachium rosenbergii</i> Lectin for Diagnosis of T-Cell Acute Lymphoblastic Leukemia. <i>Tohoku Journal of Experimental Medicine</i> , 2008, 214, 11-16.	1.2	2
157	Expression of antigen tf and galectin-3 in fibroadenoma. <i>BMC Research Notes</i> , 2012, 5, 694.	1.4	2
158	Color of Meconium and Interleukin-6. <i>Indian Journal of Pediatrics</i> , 2012, 79, 48-51.	0.8	2
159	<i>Amaranthus leucocarpus</i> lectin recognizes a moesin��like O��glycoprotein and costimulates murine CD3��activated CD4 + T cells. <i>Immunity, Inflammation and Disease</i> , 2015, 3, 182-195.	2.7	2
160	CD3+ICOS+ T cells show differences in the synthesis of nitric oxide, IFN-��3, and IL-10 in patients with pulmonary tuberculosis or in healthy household contacts. <i>Clinical and Experimental Medicine</i> , 2016, 16, 481-491.	3.6	2
161	Reduced platelet aggregation in women after intercourse: a possible role for the cyclooxygenase pathway. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 847-853.	1.9	2
162	Effects of concanavalin A on protein-C activity. <i>Life Sciences</i> , 1999, 64, 879-885.	4.3	1

#	ARTICLE	IF	CITATIONS
163	Diagnostic Tests Using Idiotype Expression in Amebiasis. Archives of Medical Research, 2000, 31, S25-S27.	3.3	1
164	Interaction of the Protein C Activation Peptide with Platelets. Preparative Biochemistry and Biotechnology, 2007, 37, 139-147.	1.9	1
165	Purification and partial characterization of a lectin from the prawn <i>Macrobrachium americanum</i> (Decapoda, Palaemonidae). Crustaceana, 2012, 85, 1253-1267.	0.3	1
166	Expression of Claudin-4 in Lung Ischemia-Reperfusion Injury in Experimental Lung Transplantation. Journal of Investigative Surgery, 2020, , 1-10.	1.3	1
167	Aggregation and Molecular Properties of β -Glucosidase Isoform II in Chayote (<i>Sechium edule</i>). Molecules, 2020, 25, 1699.	3.8	1
168	The influence of hydrogen ions on coagulation in traumatic brain injury, explored by molecular dynamics. Brain Injury, 2021, 35, 842-849.	1.2	1
169	Abnormal N-Glycosylation of Human Lens Epithelial Cells in Type-2 Diabetes May Contribute to Cataract Progression. Clinical Ophthalmology, 2021, Volume 15, 1365-1373.	1.8	1
170	ISOLATION OF A 19-kDa MYCOBACTERIUM, BOVIS-SPECIFIC ANTIGEN, DIFFERENT FROM MPB70/80, BY CHROMATOFOCUSING. Preparative Biochemistry and Biotechnology, 2002, 32, 329-340.	1.9	0
171	GLYCOSYLATION PATTERN IN THE APPENDIX TESTIS IN CHILDREN WITH CRYPTORCHIDISM. Preparative Biochemistry and Biotechnology, 2010, 41, 22-29.	1.9	0
172	Nuclear abnormalities in umbilical cord blood lymphocytes of newborns from the <sc>Ahome</sc> and <sc>Guasave</sc> municipalities in <sc>Sinaloa</sc>, <sc>Mexico</sc>. Journal of Obstetrics and Gynaecology Research, 2021, 47, 968-977.	1.3	0
173	Expression Dynamics of the O-Glycosylated Proteins Recognized by <i>Amaranthus leucocarpus</i> Lectin in T Lymphocytes and Its Relationship With Moesin as an Alternative Mechanism of Cell Activation. Frontiers in Immunology, 2021, 12, 788880.	4.8	0