

Edgar Zenteno

List of Publications by Year in descending order

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Version: 2024-02-01

173
papers

4,140
citations

182225

30
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182931

54
g-index

176
all docs

176
docs citations

176
times ranked

5879
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Review: Immunity mechanisms in crustaceans. <i>Innate Immunity</i> , 2009, 15, 179-188. | 1.1 | 322 |
| 2 | Cell Death Mechanisms Induced by Cytotoxic Lymphocytes. <i>Cellular and Molecular Immunology</i> , 2009, 6, 15-25. | 4.8 | 260 |
| 3 | Title is missing!. <i>Plant and Soil</i> , 2003, 249, 271-277. | 1.8 | 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. | 1.9 | 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. | 4.2 | 131 |
| 6 | Obesity subtypes, related biomarkers & heterogeneity. <i>Indian Journal of Medical Research</i> , 2020, 151, 11. | 0.4 | 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. | 1.0 | 86 |
| 8 | Biochemical, physiological, and immunological changes during starvation in juveniles of <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2006, 251, 416-429. | 1.7 | 76 |
| 9 | Purification and characterization of a lectin from the white shrimp <i>Litopenaeus setiferus</i> (Crustacea) Tj ETQq1 1 0.784314 rgBT /Over 1.1 | 1.1 | 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. | 1.7 | 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. | 1.2 | 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. | 1.3 | 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. | 1.0 | 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. | 1.2 | 59 |
| 15 | Altered Glycosylation Pattern of Proteins in Alzheimer Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 1998, 57, 905-914. | 0.9 | 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. | 1.3 | 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. | 1.4 | 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. | 0.9 | 50 |

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|----|--|-----|-----------|
| 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. | 1.3 | 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. | 1.1 | 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. | 0.7 | 43 |
| 22 | Purification of a lectin from <i>Amaranthus leucocarpus</i> by affinity chromatography. <i>Phytochemistry</i> , 1988, 27, 313-317. | 1.4 | 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. | 0.5 | 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. | 1.0 | 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. | 0.6 | 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. | 0.5 | 38 |
| 28 | <i>Litopenaeus vannamei</i> juveniles energetic balance and immunological response to dietary protein. <i>Aquaculture</i> , 2004, 236, 431-450. | 1.7 | 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. | 0.6 | 36 |
| 30 | OGT: a short overview of an enzyme standing out from usual glycosyltransferases. <i>Biochemical Society Transactions</i> , 2017, 45, 365-370. | 1.6 | 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. | 0.9 | 31 |
| 33 | Specificity of <i>Amaranthus leucocarpus</i> lectin. <i>Glycoconjugate Journal</i> , 1992, 9, 204-208. | 1.4 | 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. | 0.7 | 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. | 0.7 | 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. | 0.9 | 29 |

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|----|---|-----|-----------|
| 37 | The porcine paramyxovirus LPM specifically recognizes sialyl (? 2,3) lactose-containing structures. Archives of Virology, 1993, 133, 195-200. | 0.9 | 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. | 0.6 | 28 |
| 39 | Oral glycine administration attenuates diabetic complications in streptozotocin-induced diabetic rats. Life Sciences, 2006, 79, 225-232. | 2.0 | 28 |
| 40 | Participation of lectins in crustacean immune system. Aquaculture Research, 2017, 48, 4001-4011. | 0.9 | 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. | 0.7 | 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. | 2.0 | 27 |
| 43 | Outer membrane vesicles of <i>Pasteurella multocida</i> contain virulence factors. MicrobiologyOpen, 2014, 3, 711-717. | 1.2 | 27 |
| 44 | Characterization of a cytotoxic CD57+ T cell subset from patients with pulmonary tuberculosis. Clinical Immunology, 2006, 121, 314-323. | 1.4 | 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. | 1.0 | 24 |
| 47 | Pattern recognition receptors in the crustacean immune response against bacterial infections. Aquaculture, 2021, 532, 735998. | 1.7 | 24 |
| 48 | O-Glycosylation in Sprouting Neurons in Alzheimer Disease, Indicating Reactive plasticity. Journal of Neuropathology and Experimental Neurology, 2001, 60, 441-448. | 0.9 | 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. | 1.0 | 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. | 0.9 | 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. | 0.7 | 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. | 1.0 | 22 |
| 53 | Prolactin down-regulates CD4+CD25hiCD127low/hi regulatory T cell function in humans. Journal of Molecular Endocrinology, 2012, 48, 77-85. | 1.1 | 22 |
| 54 | Purification and characterization of an adhesin from Pasteurella haemolytica. Glycobiology, 2000, 10, 31-37. | 1.3 | 21 |

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|----|--|-----|-----------|
| 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. | 0.9 | 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. | 0.5 | 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. | 0.5 | 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. | 1.2 | 20 |
| 59 | Antiproliferative, Cytotoxic, and Apoptotic Activity of Steroidal Oximes in Cervicouterine Cell Lines. <i>Molecules</i> , 2016, 21, 1533. | 1.7 | 20 |
| 60 | New Insights into the Mechanism of Action of PirAB from <i>Vibrio Parahaemolyticus</i> . <i>Toxins</i> , 2022, 14, 243. | 1.5 | 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. | 1.1 | 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. | 1.9 | 19 |
| 63 | <i>Histoplasma capsulatum</i> yeast cells attach and agglutinate human erythrocytes. <i>Medical Mycology</i> , 2004, 42, 287-292. | 0.3 | 18 |
| 64 | Specificity of syn. lectin for -glycopeptides. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1674, 282-290. | 1.1 | 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. | 0.8 | 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. | 1.6 | 18 |
| 67 | Aerial pesticide application causes DNA damage in pilots from Sinaloa, Mexico. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2412-2420. | 2.7 | 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. | 1.4 | 17 |
| 69 | Relevance of sialoglycoconjugates in murine thymocytes during maturation and selection in the thymus. <i>Immunological Investigations</i> , 1999, 28, 9-18. | 1.0 | 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. | 0.7 | 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. | 0.9 | 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. | 1.7 | 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. | 1.8 | 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. | 0.6 | 17 |
| 75 | Effect of Lectins on Mouse Peritoneal Macrophage Phagocytic Activity. <i>Immunological Investigations</i> , 1994, 23, 429-436. | 1.0 | 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. | 1.4 | 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. | 2.5 | 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. | 1.3 | 15 |
| 79 | Hevein, an allergenic lectin from rubber latex, activates human neutrophils' oxidative burst. <i>Glycoconjugate Journal</i> , 2001, 18, 339-345. | 1.4 | 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. | 0.9 | 15 |
| 81 | Molecules and Prostaglandins Related to Embryo Tolerance. <i>Frontiers in Immunology</i> , 2020, 11, 555414. | 2.2 | 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. | 1.4 | 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. | 1.0 | 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> | 1.4 | 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. | 0.7 | 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. | 0.5 | 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. | 0.8 | 13 |
| 88 | Apart From Rhoptries, Identification of <i>Toxoplasma gondii</i> 's O-GlcNAcylated Proteins Reinforces the Universality of the O-GlcNAcome. <i>Frontiers in Endocrinology</i> , 2018, 9, 450. | 1.5 | 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. | 1.6 | 13 |
| 90 | Purification and characterization of the hemagglutinin-neuraminidase of Porcine rubulavirus LPMV. <i>Glycoconjugate Journal</i> , 1999, 16, 517-522. | 1.4 | 12 |

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|-----|---|-----|-----------|
| 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. | 1.0 | 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. | 1.4 | 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. | 1.5 | 12 |
| 94 | <i>Litopenaeus vannamei</i> juveniles energetic balance and immunological response to dietary proteins. <i>Aquaculture</i> , 2004, 239, 375-395. | 1.7 | 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. | 2.4 | 12 |
| 97 | Activation of immunological responses in <i>Litopenaeus setiferus</i> hemocytes by a hemocyanin like-lectin. <i>Aquaculture</i> , 2009, 292, 11-15. | 1.7 | 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. | 1.2 | 12 |
| 99 | Purification and partial characterization of two lectins from the cactus <i>Machaerocereus eruca</i> . <i>FEBS Letters</i> , 1988, 238, 95-100. | 1.3 | 11 |
| 100 | <i>Amaranthus leucocarpus</i> Lectin Recognizes Human Naive T Cell Subpopulations. <i>Immunological Investigations</i> , 1997, 26, 579-587. | 1.0 | 11 |
| 101 | Use of <i>Amaranthus leucocarpus</i> Lectin to Differentiate Cervical Dysplasia (CIN). <i>Preparative Biochemistry and Biotechnology</i> , 2007, 37, 219-228. | 1.0 | 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. | 0.9 | 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. | 0.4 | 10 |
| 104 | Isolation of the receptor for <i>Amaranthus leucocarpus</i> lectin from murine peritoneal macrophages. <i>Glycoconjugate Journal</i> , 1998, 15, 809-814. | 1.4 | 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. | 2.4 | 10 |
| 106 | Effect of <i>Bifidobacterium bifidum</i> DSM 20082 Cytoplasmic Fraction on Human Immune Cells. <i>Immunological Investigations</i> , 2009, 38, 104-115. | 1.0 | 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. | 0.7 | 10 |
| 108 | Purification and Partial Characterization of β -Glucosidase in Chayote (<i>Sechium edule</i>). <i>Molecules</i> , 2015, 20, 19372-19392. | 1.7 | 10 |

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|-----|--|-----|-----------|
| 109 | Machaerocereus eruca cactus isolectins. Purification and characterization. <i>Plant Science</i> , 1991, 77, 11-19. | 1.7 | 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. | 1.1 | 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. | 1.0 | 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. | 2.4 | 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. | 1.4 | 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. | 0.5 | 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. | 1.5 | 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. | 0.6 | 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. | 1.6 | 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. | 1.6 | 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. | 0.9 | 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. | 0.9 | 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. | 0.7 | 7 |
| 122 | Neuroinflammation and galectins: a key relationship in neurodegenerative diseases. <i>Glycoconjugate Journal</i> , 2022, 39, 685-699. | 1.4 | 7 |
| 123 | Purification and characterization of a lectin from <i>Erythrina americana</i> by affinity chromatography. <i>Plant Science</i> , 1990, 72, 133-140. | 1.7 | 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. | 2.0 | 6 |
| 125 | Differential O-glycosylation in cortical and medullary thymocytes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 1235-1240. | 1.1 | 6 |
| 126 | Isolation and characterization of the potential receptor for wheat germ agglutinin from human neutrophils. <i>Glycoconjugate Journal</i> , 2006, 23, 591-598. | 1.4 | 6 |

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|-----|---|-----|-----------|
| 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. | 0.6 | 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. | 1.0 | 6 |
| 129 | Extracellular traps involved in invertebrate immune mechanisms. <i>Fish and Shellfish Immunology</i> , 2022, 121, 380-386. | 1.6 | 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. | 1.4 | 5 |
| 131 | The Hydrophobic Character of Peanut (<i>Arachishypogaea</i>) Isoagglutinins. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 6267-6270. | 2.4 | 5 |
| 132 | Toluidine blue-O staining of prion protein deposits. <i>Histochemistry and Cell Biology</i> , 2001, 116, 519-524. | 0.8 | 5 |
| 133 | O-GLYCOSYLATION EXPRESSION IN FIBROADENOMA. <i>Preparative Biochemistry and Biotechnology</i> , 2009, 40, 1-12. | 1.0 | 5 |
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