

Ricardo L Zollner

List of Publications by Citations

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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.

61
papers

1,810
citations

21
h-index

41
g-index

65
ext. papers

2,037
ext. citations

3.9
avg, IF

4.19
L-index

#	Paper	IF	Citations
61	Consumption of a fat-rich diet activates a proinflammatory response and induces insulin resistance in the hypothalamus. <i>Endocrinology</i> , 2005 , 146, 4192-9	4.8	783
60	Antioxidant activity of aqueous extract of passion fruit (<i>Passiflora edulis</i>) leaves: In vitro and in vivo study. <i>Food Research International</i> , 2013 , 53, 882-890	7	91
59	Temporal associations between interleukin 22 and the extracellular domains of IL-22R and IL-10R2. <i>International Immunopharmacology</i> , 2004 , 4, 693-708	5.8	50
58	Diacerhein improves glucose tolerance and insulin sensitivity in mice on a high-fat diet. <i>Endocrinology</i> , 2011 , 152, 4080-93	4.8	41
57	Protein structure modification and allergenic properties of whey proteins upon interaction with tea and coffee phenolic compounds. <i>Journal of Functional Foods</i> , 2018 , 51, 121-129	5.1	38
56	The effect of transglutaminase-induced polymerization in the presence of cysteine on β -lactoglobulin antigenicity. <i>International Dairy Journal</i> , 2010 , 20, 386-392	3.5	37
55	Identification and Antioxidant Activity of the Extracts of <i>Eugenia uniflora</i> Leaves. Characterization of the Anti-Inflammatory Properties of Aqueous Extract on Diabetes Expression in an Experimental Model of Spontaneous Type 1 Diabetes (NOD Mice). <i>Antioxidants</i> , 2015 , 4, 662-80	7.1	36
54	<i>Passiflora edulis</i> peel intake and ulcerative colitis: approaches for prevention and treatment. <i>Experimental Biology and Medicine</i> , 2014 , 239, 542-51	3.7	35
53	Diacerhein downregulate proinflammatory cytokines expression and decrease the autoimmune diabetes frequency in nonobese diabetic (NOD) mice. <i>International Immunopharmacology</i> , 2008 , 8, 782-91 ⁸	5.8	35
52	Whey protein isolate hydrolysates obtained with free and immobilized Alcalase: Characterization and detection of residual allergens. <i>Food Research International</i> , 2016 , 83, 112-120	7	31
51	Intake of <i>Passiflora edulis</i> leaf extract improves antioxidant and anti-inflammatory status in rats with 2,4,6-trinitrobenzenesulphonic acid induced colitis. <i>Journal of Functional Foods</i> , 2015 , 17, 575-586	5.1	30
50	Hyaluronidase from the venom of the social wasp <i>Polybia paulista</i> (Hymenoptera, Vespidae): Cloning, structural modeling, purification, and immunological analysis. <i>Toxicon</i> , 2013 , 64, 70-80	2.8	28
49	Effect of polymerization with transglutaminase on in vitro digestion and antigenicity of β -lactoglobulin. <i>International Dairy Journal</i> , 2012 , 25, 123-131	3.5	28
48	Role of the kinin B1 receptor in insulin homeostasis and pancreatic islet function. <i>Biological Chemistry</i> , 2006 , 387, 431-6	4.5	27
47	Behavioural changes observed in demyelination model shares similarities with white matter abnormalities in humans. <i>Behavioural Brain Research</i> , 2015 , 287, 265-75	3.4	26
46	Effect of combined treatment of hydrolysis and polymerization with transglutaminase on β -lactoglobulin antigenicity. <i>European Food Research and Technology</i> , 2012 , 235, 801-809	3.4	26
45	Antioxidant and anti-diabetic potential of <i>Passiflora alata</i> Curtis aqueous leaves extract in type 1 diabetes mellitus (NOD-mice). <i>International Immunopharmacology</i> , 2014 , 18, 106-15	5.8	25

44	Ganglioside GM1 effects on the expression of nerve growth factor (NGF), Trk-A receptor, proinflammatory cytokines and on autoimmune diabetes onset in non-obese diabetic (NOD) mice. <i>Cytokine</i> , 2008 , 42, 92-104	4	25
43	Immune modulation induced by tuberculosis DNA vaccine protects non-obese diabetic mice from diabetes progression. <i>Clinical and Experimental Immunology</i> , 2007 , 149, 570-8	6.2	23
42	Molecular cloning, expression and IgE-immunoreactivity of phospholipase A1, a major allergen from <i>Polybia paulista</i> (Hymenoptera: Vespidae) venom. <i>Toxicon</i> , 2016 , 124, 44-52	2.8	21
41	Capacidade antioxidante e composiçã químicã da casca de maracujã (<i>Passiflora edulis</i>). <i>Ciencia Rural</i> , 2014 , 44, 1699-1704	1.3	21
40	Pentoxifylline decreases tumor necrosis factor and interleukin-1 during high tidal volume. <i>Brazilian Journal of Medical and Biological Research</i> , 2003 , 36, 1349-57	2.8	21
39	Facing Hymenoptera Venom Allergy: From Natural to Recombinant Allergens. <i>Toxins</i> , 2015 , 7, 2551-70	4.9	20
38	Reactivity of IgE to the allergen hyaluronidase from <i>Polybia paulista</i> (Hymenoptera, Vespidae) venom. <i>Toxicon</i> , 2014 , 82, 104-11	2.8	18
37	Preparation and characterization of liposomes entrapping allergenic proteins. <i>Brazilian Journal of Chemical Engineering</i> , 2004 , 21, 137-146	1.7	16
36	In vitro removal of human IgG autoantibodies by affinity filtration using immobilized L-histidine onto PEVA hollow fiber membranes. <i>New Biotechnology</i> , 2001 , 17, 71-4		16
35	Preparation and characterization of affinity magnetoliposomes useful for the detection of antiphospholipid antibodies. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 225, 101-108	2.8	16
34	Physicochemical characteristics and antigenicity of whey protein hydrolysates obtained with and without pH control. <i>International Dairy Journal</i> , 2017 , 71, 24-34	3.5	13
33	Epitopes resistance to the simulated gastrointestinal digestion of β -lactoglobulin submitted to two-step enzymatic modification. <i>Food Research International</i> , 2015 , 72, 191-197	7	13
32	Oxidative stress and susceptibility to mitochondrial permeability transition precedes the onset of diabetes in autoimmune non-obese diabetic mice. <i>Free Radical Research</i> , 2014 , 48, 1494-504	4	13
31	Th1 and Th2 cytokine immunomodulation by gangliosides in experimental autoimmune encephalomyelitis. <i>Cytokine</i> , 2004 , 26, 155-63	4	13
30	Phospholipase A1-based cross-reactivity among venoms of clinically relevant Hymenoptera from Neotropical and temperate regions. <i>Molecular Immunology</i> , 2018 , 93, 87-93	4.3	13
29	Venoms of Neotropical wasps lack cross-reactive carbohydrate determinants enabling reliable protein-based specific IgE determination. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1917-1919.e1	11.5	12
28	Complexation of whey protein with caffeic acid or (-)-epigallocatechin-3-gallate as a strategy to induce oral tolerance to whey allergenic proteins. <i>International Immunopharmacology</i> , 2019 , 68, 115-123	5.8	12
27	Rapid clinical recovery of a SARS-CoV-2 infected common variable immunodeficiency patient following the infusion of COVID-19 convalescent plasma. <i>Allergy, Asthma and Clinical Immunology</i> , 2021 , 17, 14	3.2	12

26	Expression of Fc gamma and complement receptors in monocytes of X-linked agammaglobulinaemia and common variable immunodeficiency patients. <i>Clinical and Experimental Immunology</i> , 2007 , 150, 422-8	6.2	11
25	A review of latex sensitivity related to the use of latex gloves in hospitals. <i>AORN Journal</i> , 2004 , 80, 64-71	6	11
24	Aqueous leaf extract of <i>Passiflora alata</i> Curtis promotes antioxidant and anti-inflammatory effects and consequently preservation of NOD mice beta cells (non-obese diabetic). <i>International Immunopharmacology</i> , 2016 , 35, 127-136	5.8	11
23	Adsorption of Isotype E α Antibodies on Affinity Magnetoliposomes. <i>Journal of Dispersion Science and Technology</i> , 2003 , 24, 615-622	1.5	10
22	Effect of Preformed or De Novo Anti-HLA Antibodies on Function and Graft Survival in Kidney Transplant Recipients. <i>Annals of Transplantation</i> , 2018 , 23, 457-466	1.4	9
21	Physicochemical changes and bitterness of whey protein hydrolysates after transglutaminase cross-linking. <i>LWT - Food Science and Technology</i> , 2019 , 113, 108291	5.4	8
20	In search of a tolerance-induction strategy for cow's milk allergies: significant reduction of beta-lactoglobulin allergenicity via transglutaminase/cysteine polymerization. <i>Clinics</i> , 2012 , 67, 1171-9	2.3	8
19	Is it just lactose intolerance?. <i>Allergy and Asthma Proceedings</i> , 2012 , 33, 432-6	2.6	7
18	Preparation and characterization of diacetylene polymerized liposomes for detection of autoantibodies. <i>Journal of Liposome Research</i> , 2003 , 13, 199-211	6.1	7
17	Type III hypersensitivity to insulin leading to leukocytoclastic vasculitis. <i>Diabetes Research and Clinical Practice</i> , 2010 , 89, e39-40	7.4	6
16	Allergenicity of Bos d 5 in Children with Cow's Milk Allergy is Reduced by Transglutaminase Polymerization. <i>Pediatric, Allergy, Immunology, and Pulmonology</i> , 2012 , 25, 30-33	0.8	6
15	In vitro evaluation of biospecific and pseudobiospecific ligands aimed at extracorporeal treatment for immunoglobulin E removal. <i>Artificial Organs</i> , 2006 , 30, 606-14	2.6	6
14	Protein L-agarose for adsorption of autoantibodies: a potential tool for extracorporeal treatment. <i>Artificial Organs</i> , 2005 , 29, 313-23	2.6	6
13	Adsorption of antiphospholipid antibodies on affinity magnetoliposomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008 , 63, 249-53	6	5
12	Cytokine gene expression in Walker 256: a comparison of variants A (aggressive) and AR (regressive). <i>Cytokine</i> , 2006 , 36, 123-33	4	5
11	Occupational exposure of Brazilian neonatal intensive care workers to latex antigens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2004 , 59, 107-10	9.3	5
10	Severe hypoleptinaemia associated with insulin resistance in patients with common variable immunodeficiency. <i>Clinical Endocrinology</i> , 2005 , 63, 63-5	3.4	5
9	Surface-modified magnetic colloids for affinity adsorption of immunoglobulins. <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, 1867-1870	2.8	4

8	Yellow fever disease in a renal transplant recipient: Case report and literature review. <i>Transplant Infectious Disease</i> , 2019 , 21, e13151	2.7	3
7	Physical characterization of surface-modified liposomes by incorporation of gangliosides designed for immunotherapies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004 , 251, 175-182	5.1	3
6	Worldwide perspectives on venom allergy. <i>World Allergy Organization Journal</i> , 2019 , 12, 100067	5.2	3
5	Renal transplant patients with preformed anti-HLA antibodies: early biopsy findings and clinical outcomes. <i>Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia</i> , 2019 , 42, 201-210	1.5	2
4	Cross-Reactive Carbohydrate Determinant in , and Venoms: Identification of Allergic Sensitization and Cross-Reactivity. <i>Toxins</i> , 2020 , 12,	4.9	2
3	Treatment of Antibody-Mediated Rejection After Kidney Transplantation: Immunological Effects, Clinical Response, and Histological Findings. <i>Annals of Transplantation</i> , 2020 , 25, e925488	1.4	1
2	Evidence of integrity of the follicular basement membrane in Hashimoto's thyroiditis. <i>Pathology International</i> , 1999 , 49, 1119-21	1.8	
1	Fungi Allergens Produced by Solid-State Fermentation Process 2003 , 403-412		