

Ricardo L Zollner

List of Publications by Year in descending order

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64
papers

2,261
citations

279487

23
h-index

223531

46
g-index

65
all docs

65
docs citations

65
times ranked

3674
citing authors

#	ARTICLE	IF	CITATIONS
1	Consumption of a Fat-Rich Diet Activates a Proinflammatory Response and Induces Insulin Resistance in the Hypothalamus. <i>Endocrinology</i> , 2005, 146, 4192-4199.	1.4	938
2	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.	2.9	106
3	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.	1.6	66
4	Temporal associations between interleukin 22 and the extracellular domains of IL-22R and IL-10R2. <i>International Immunopharmacology</i> , 2004, 4, 693-708.	1.7	57
5	Diacerhein Improves Glucose Tolerance and Insulin Sensitivity in Mice on a High-Fat Diet. <i>Endocrinology</i> , 2011, 152, 4080-4093.	1.4	47
6	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.	2.9	46
7	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.	1.6	42
8	The effect of transglutaminase-induced polymerization in the presence of cysteine on β -lactoglobulin antigenicity. <i>International Dairy Journal</i> , 2010, 20, 386-392.	1.5	41
9	<i>Passiflora edulis</i> peel intake and ulcerative colitis: Approaches for prevention and treatment. <i>Experimental Biology and Medicine</i> , 2014, 239, 542-551.	1.1	41
10	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, 662-680.	2.2	41
11	Diacerhein downregulate proinflammatory cytokines expression and decrease the autoimmune diabetes frequency in nonobese diabetic (NOD) mice. <i>International Immunopharmacology</i> , 2008, 8, 782-791.	1.7	40
12	Capacidade antioxidante e composiçŁo quĒmica da casca de maracujĨ (<i>Passiflora edulis</i>). <i>Ciencia Rural</i> , 2014, 44, 1699-1704.	0.3	35
13	Role of the kinin B1 receptor in insulin homeostasis and pancreatic islet function. <i>Biological Chemistry</i> , 2006, 387, 431-436.	1.2	34
14	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.	0.8	34
15	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.	1.6	31
16	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, 106-115.	1.7	31
17	Behavioural changes observed in demyelination model shares similarities with white matter abnormalities in humans. <i>Behavioural Brain Research</i> , 2015, 287, 265-275.	1.2	30
18	Immune modulation induced by tuberculosis DNA vaccine protects non-obese diabetic mice from diabetes progression. <i>Clinical and Experimental Immunology</i> , 2007, 149, 570-578.	1.1	29

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19	Effect of polymerization with transglutaminase on in vitro digestion and antigenicity of β -lactoglobulin. <i>International Dairy Journal</i> , 2012, 25, 123-131.	1.5	29
20	Pentoxifylline decreases tumor necrosis factor and interleukin-1 during high tidal volume. <i>Brazilian Journal of Medical and Biological Research</i> , 2003, 36, 1349-1357.	0.7	26
21	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.	1.4	26
22	Facing Hymenoptera Venom Allergy: From Natural to Recombinant Allergens. <i>Toxins</i> , 2015, 7, 2551-2570.	1.5	26
23	Reactivity of IgE to the allergen hyaluronidase from <i>Polybia paulista</i> (Hymenoptera, Vespidae) venom. <i>Toxicon</i> , 2014, 82, 104-111.	0.8	24
24	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.	2.9	24
25	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.	0.8	24
26	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.	0.9	22
27	Preparation and characterization of liposomes entrapping allergenic proteins. <i>Brazilian Journal of Chemical Engineering</i> , 2004, 21, 137-146.	0.7	20
28	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, 1494-1504.	1.5	20
29	Physicochemical characteristics and antigenicity of whey protein hydrolysates obtained with and without pH control. <i>International Dairy Journal</i> , 2017, 71, 24-34.	1.5	20
30	Complexation of whey protein with caffeic acid or (â)-epigallocatechin-3-gallate as a strategy to induce oral tolerance to whey allergenic proteins. <i>International Immunopharmacology</i> , 2019, 68, 115-123.	1.7	19
31	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, 71-74.	2.7	18
32	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.	1.7	18
33	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.	1.0	17
34	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.	1.5	16
35	Phospholipase A1-based cross-reactivity among venoms of clinically relevant Hymenoptera from Neotropical and temperate regions. <i>Molecular Immunology</i> , 2018, 93, 87-93.	1.0	16
36	Physicochemical changes and bitterness of whey protein hydrolysates after transglutaminase cross-linking. <i>LWT - Food Science and Technology</i> , 2019, 113, 108291.	2.5	16

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37	Th1 and Th2 cytokine immunomodulation by gangliosides in experimental autoimmune encephalomyelitis. <i>Cytokine</i> , 2004, 26, 155-163.	1.4	14
38	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.	0.5	14
39	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, 1171-1179.	0.6	13
40	Expression of Fcγ3 and complement receptors in monocytes of X-linked agammaglobulinaemia and common variable immunodeficiency patients. <i>Clinical and Experimental Immunology</i> , 2007, 150, 422-428.	1.1	12
41	A Review of Latex Sensitivity Related to the Use of Latex Gloves in Hospitals. <i>AORN Journal</i> , 2004, 80, 64-71.	0.2	11
42	Worldwide perspectives on venom allergy. <i>World Allergy Organization Journal</i> , 2019, 12, 100067.	1.6	11
43	Adsorption of Isotype IgG-Antibodies on Affinity Magnetoliposomes. <i>Journal of Dispersion Science and Technology</i> , 2003, 24, 615-622.	1.3	10
44	Occupational exposure of Brazilian neonatal intensive care workers to latex antigens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2004, 59, 107-110.	2.7	9
45	Type III hypersensitivity to insulin leading to leukocytoclastic vasculitis. <i>Diabetes Research and Clinical Practice</i> , 2010, 89, e39-e40.	1.1	9
46	Is it just lactose intolerance?. <i>Allergy and Asthma Proceedings</i> , 2012, 33, 432-436.	1.0	9
47	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.	0.3	9
48	Yellow fever disease in a renal transplant recipient: Case report and literature review. <i>Transplant Infectious Disease</i> , 2019, 21, e13151.	0.7	8
49	Preparation and Characterization of Diacetylene Polymerized Liposomes for Detection of Autoantibodies. <i>Journal of Liposome Research</i> , 2003, 13, 199-211.	1.5	7
50	In Vitro Evaluation of Biospecific and Pseudobiospecific Ligands Aimed at Extracorporeal Treatment for Immunoglobulin E Removal. <i>Artificial Organs</i> , 2006, 30, 606-614.	1.0	7
51	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> , 2020, 42, 201-210.	0.4	7
52	Protein L-agarose for Adsorption of Autoantibodies: A Potential Tool for Extracorporeal Treatment. <i>Artificial Organs</i> , 2005, 29, 313-323.	1.0	6
53	Adsorption of antiphospholipid antibodies on affinity magnetoliposomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 63, 249-253.	2.5	6
54	Severe hypoleptinaemia associated with insulin resistance in patients with common variable immunodeficiency. <i>Clinical Endocrinology</i> , 2005, 63, 63-65.	1.2	5

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55	Cytokine gene expression in Walker 256: A comparison of variants A (aggressive) and AR (regressive). <i>Cytokine</i> , 2006, 36, 123-133.	1.4	5
56	Surface-modified magnetic colloids for affinity adsorption of immunoglobulins. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 1867-1870.	1.0	5
57	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.	2.3	4
58	Cross-Reactive Carbohydrate Determinant in <i>Apis mellifera</i> , <i>Solenopsis invicta</i> and <i>Polybia paulista</i> Venoms: Identification of Allergic Sensitization and Cross-Reactivity. <i>Toxins</i> , 2020, 12, 649.	1.5	4
59	Renal outcome in IgA nephropathy according to Oxford classification and ultrastructural analysis in a Brazilian center. <i>Clinical Nephrology</i> , 2018, 89, 270-276.	0.4	4
60	Treatment of Antibody-Mediated Rejection After Kidney Transplantation: Immunological Effects, Clinical Response, and Histological Findings. <i>Annals of Transplantation</i> , 2020, 25, e925488.	0.5	1
61	Biological and Inflammatory Effects of Antigen 5 from <i>Polybia paulista</i> (Hymenoptera, Vespidae) Venom in Mouse Intraperitoneal Macrophages. <i>Toxins</i> , 2021, 13, 850.	1.5	1
62	Evidence of integrity of the follicular basement membrane in Hashimoto's thyroiditis. <i>Pathology International</i> , 1999, 49, 1119-1121.	0.6	0
63	Hereditary Angiodema (HAE) in Brazil: Registry of 100 Cases. <i>Clinical Immunology</i> , 2007, 123, S48.	1.4	0
64	Fungi Allergens Produced by Solid-State Fermentation Process. , 2003, , 403-412.		0