

Eliana P Arajo

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.

79
papers

3,621
citations

26
h-index

60
g-index

94
ext. papers

4,096
ext. citations

5.1
avg. IF

4.82
L-index

#	Paper	IF	Citations
79	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
78	Loss-of-function mutation in Toll-like receptor 4 prevents diet-induced obesity and insulin resistance. <i>Diabetes</i> , 2007 , 56, 1986-98	0.9	673
77	Selective impairment of insulin signalling in the hypothalamus of obese Zucker rats. <i>Diabetologia</i> , 2003 , 46, 1629-40	10.3	128
76	Topical insulin accelerates wound healing in diabetes by enhancing the AKT and ERK pathways: a double-blind placebo-controlled clinical trial. <i>PLoS ONE</i> , 2012 , 7, e36974	3.7	117
75	Interleukin-10 is a protective factor against diet-induced insulin resistance in liver. <i>Journal of Hepatology</i> , 2008 , 48, 628-37	13.4	116
74	AdipoR1 mediates the anorexigenic and insulin/leptin-like actions of adiponectin in the hypothalamus. <i>FEBS Letters</i> , 2008 , 582, 1471-6	3.8	111
73	Taurine supplementation modulates glucose homeostasis and islet function. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 503-11	6.3	105
72	Cross-talk between the insulin and leptin signaling systems in rat hypothalamus. <i>Obesity</i> , 2005 , 13, 48-57		103
71	Infliximab restores glucose homeostasis in an animal model of diet-induced obesity and diabetes. <i>Endocrinology</i> , 2007 , 148, 5991-7	4.8	98
70	Diet-induced inflammation of the hypothalamus in obesity. <i>NeuroImmunoModulation</i> , 2008 , 15, 189-93	2.5	96
69	Reduction of hypothalamic protein tyrosine phosphatase improves insulin and leptin resistance in diet-induced obese rats. <i>Endocrinology</i> , 2008 , 149, 3870-80	4.8	91
68	Defective regulation of adipose tissue autophagy in obesity. <i>International Journal of Obesity</i> , 2013 , 37, 1473-80	5.5	86
67	Inhibition of UCP2 expression reverses diet-induced diabetes mellitus by effects on both insulin secretion and action. <i>FASEB Journal</i> , 2007 , 21, 1153-63	0.9	70
66	Inflammation of the hypothalamus leads to defective pancreatic islet function. <i>Journal of Biological Chemistry</i> , 2011 , 286, 12870-80	5.4	60
65	Amelioration of diet-induced diabetes mellitus by removal of visceral fat. <i>Journal of Endocrinology</i> , 2006 , 191, 699-706	4.7	58
64	Supramolecular poly(acrylic acid)/F127 hydrogel with hydration-controlled nitric oxide release for enhancing wound healing. <i>Acta Biomaterialia</i> , 2018 , 74, 312-325	10.8	53
63	Peroxisome proliferator-activated receptor gamma coactivator-1-dependent uncoupling protein-2 expression in pancreatic islets of rats: a novel pathway for neural control of insulin secretion. <i>Diabetologia</i> , 2003 , 46, 1522-31	10.3	48

62	Leptin inhibits apoptosis in thymus through a janus kinase-2-independent, insulin receptor substrate-1/phosphatidylinositol-3 kinase-dependent pathway. <i>Endocrinology</i> , 2006 , 147, 5470-9	4.8	44
61	Defective regulation of POMC precedes hypothalamic inflammation in diet-induced obesity. <i>Scientific Reports</i> , 2016 , 6, 29290	4.9	44
60	Short-term in vivo inhibition of insulin receptor substrate-1 expression leads to insulin resistance, hyperinsulinemia, and increased adiposity. <i>Endocrinology</i> , 2005 , 146, 1428-37	4.8	41
59	Augmentation of insulin secretion by leucine supplementation in malnourished rats: possible involvement of the phosphatidylinositol 3-phosphate kinase/mammalian target protein of rapamycin pathway. <i>Metabolism: Clinical and Experimental</i> , 2010 , 59, 635-44	12.7	38
58	Hypothalamic Microglial Activation in Obesity: A Mini-Review. <i>Frontiers in Neuroscience</i> , 2018 , 12, 846	5.1	38
57	The phosphatidylinositol/AKT/atypical PKC pathway is involved in the improved insulin sensitivity by DHEA in muscle and liver of rats in vivo. <i>Life Sciences</i> , 2004 , 76, 57-70	6.8	37
56	Phosphoinositide-specific inositol polyphosphate 5-phosphatase IV inhibits inositide trisphosphate accumulation in hypothalamus and regulates food intake and body weight. <i>Endocrinology</i> , 2006 , 147, 5385-99	4.8	31
55	Modulation of growth hormone signal transduction in kidneys of streptozotocin-induced diabetic animals: effect of a growth hormone receptor antagonist. <i>Diabetes</i> , 2002 , 51, 2270-81	0.9	29
54	Decreased cholinergic stimulation of insulin secretion by islets from rats fed a low protein diet is associated with reduced protein kinase calpha expression. <i>Journal of Nutrition</i> , 2003 , 133, 695-9	4.1	28
53	UCP2 protects hypothalamic cells from TNF-alpha-induced damage. <i>FEBS Letters</i> , 2008 , 582, 3103-10	3.8	25
52	Blockade of IRS1 in isolated rat pancreatic islets improves glucose-induced insulin secretion. <i>FEBS Letters</i> , 2002 , 531, 437-42	3.8	25
51	Effect of Topical Insulin on Second-Degree Burns in Diabetic Rats. <i>Biological Research for Nursing</i> , 2016 , 18, 181-92	2.6	24
50	Restoration of insulin secretion in pancreatic islets of protein-deficient rats by reduced expression of insulin receptor substrate (IRS)-1 and IRS-2. <i>Journal of Endocrinology</i> , 2004 , 181, 25-38	4.7	24
49	Topical Docosahexaenoic Acid (DHA) Accelerates Skin Wound Healing in Rats and Activates GPR120. <i>Biological Research for Nursing</i> , 2016 , 18, 411-9	2.6	22
48	MECHANISMS IN ENDOCRINOLOGY: Hypothalamic inflammation and nutrition. <i>European Journal of Endocrinology</i> , 2016 , 175, R97-R105	6.5	22
47	SARS-CoV-2 receptor is co-expressed with elements of the kinin-kallikrein, renin-angiotensin and coagulation systems in alveolar cells. <i>Scientific Reports</i> , 2020 , 10, 19522	4.9	21
46	Interleukin-6 Expression by Hypothalamic Microglia in Multiple Inflammatory Contexts: A Systematic Review. <i>BioMed Research International</i> , 2019 , 2019, 1365210	3	20
45	Asthma and COVID-19: a systematic review. <i>Allergy, Asthma and Clinical Immunology</i> , 2021 , 17, 5	3.2	20

44	Dietary fats promote functional and structural changes in the median eminence blood/spinal fluid interface-the protective role for BDNF. <i>Journal of Neuroinflammation</i> , 2018 , 15, 10	10.1	19
43	Early steps of insulin action in the skin of intact rats. <i>Journal of Investigative Dermatology</i> , 2001 , 117, 971-6	4.3	19
42	TGF- β 1 down-regulation in the mediobasal hypothalamus attenuates hypothalamic inflammation and protects against diet-induced obesity. <i>Metabolism: Clinical and Experimental</i> , 2018 , 85, 171-182	12.7	17
41	Hypothalamic inflammation and obesity. <i>Vitamins and Hormones</i> , 2010 , 82, 129-43	2.5	17
40	Atypical transforming growth factor- β signaling in the hypothalamus is linked to diabetes. <i>Nature Medicine</i> , 2014 , 20, 985-7	50.5	15
39	Effect of atorvastatin on wound healing in rats. <i>Biological Research for Nursing</i> , 2015 , 17, 159-68	2.6	14
38	Evaluation of the efficacy and safety of icatibant and C1 esterase/kallikrein inhibitor in severe COVID-19: study protocol for a three-armed randomized controlled trial. <i>Trials</i> , 2021 , 22, 71	2.8	14
37	Novel fibrin-fibronectin matrix accelerates mice skin wound healing. <i>Bioactive Materials</i> , 2020 , 5, 949-962	6.7	13
36	Disruption of metabolic pathways--perspectives for the treatment of cancer. <i>Current Cancer Drug Targets</i> , 2006 , 6, 77-87	2.8	12
35	Distinct subsets of hypothalamic genes are modulated by two different thermogenesis-inducing stimuli. <i>Obesity</i> , 2008 , 16, 1239-47	8	11
34	Safety and Outcomes Associated with the Pharmacological Inhibition of the Kinin-Kallikrein System in Severe COVID-19. <i>Viruses</i> , 2021 , 13,	6.2	11
33	Bioactive Fatty Acids in the Resolution of Chronic Inflammation in Skin Wounds. <i>Advances in Wound Care</i> , 2020 , 9, 472-490	4.8	10
32	Downregulation of HIF complex in the hypothalamus exacerbates diet-induced obesity. <i>Brain, Behavior, and Immunity</i> , 2018 , 73, 550-561	16.6	9
31	Fyn mediates leptin actions in the thymus of rodents. <i>PLoS ONE</i> , 2009 , 4, e7707	3.7	9
30	Inhibition of 72 kDa inositol polyphosphate 5-phosphatase E improves insulin signal transduction in diet-induced obesity. <i>Journal of Endocrinology</i> , 2013 , 217, 131-40	4.7	8
29	beta3-Adrenergic-dependent and -independent mechanisms participate in cold-induced modulation of insulin signal transduction in brown adipose tissue of rats. <i>Pflugers Archiv European Journal of Physiology</i> , 2005 , 449, 537-46	4.6	8
28	Evaluating the Effect of 3% Papain Gel Application in Cutaneous Wound Healing in Mice. <i>Wounds</i> , 2017 , 29, 96-101	0.8	8
27	Wound healing action of nitric oxide-releasing self-expandable collagen sponge. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020 , 14, 807-818	4.4	6

26	Effects of Electrospun Fibrous Membranes of PolyCaprolactone and Chitosan/Poly(Ethylene Oxide) on Mouse Acute Skin Lesions. <i>Polymers</i> , 2020 , 12,	4.5	6
25	Effects of topical topiramate in wound healing in mice. <i>Archives of Dermatological Research</i> , 2018 , 310, 363-373	3.3	5
24	Topical 5-azacytidine accelerates skin wound healing in rats. <i>Wound Repair and Regeneration</i> , 2014 , 22, 640-6	3.6	5
23	Enhancement of cellular activity in hyperglycemic mice dermal wounds dressed with chitosan-alginate membranes. <i>Brazilian Journal of Medical and Biological Research</i> , 2020 , 53, e8621	2.8	5
22	Tumor necrosis factor-alpha levels in blood cord is directly correlated with the body weight of mothers. <i>Obesity Science and Practice</i> , 2016 , 2, 210-214	2.6	5
21	Interleukin-6 actions in the hypothalamus protects against obesity and is involved in the regulation of neurogenesis. <i>Journal of Neuroinflammation</i> , 2021 , 18, 192	10.1	5
20	A20 deubiquitinase controls PGC-1 β expression in the adipose tissue. <i>Lipids in Health and Disease</i> , 2018 , 17, 90	4.4	4
19	Topical Insulin Modulates Inflammatory and Proliferative Phases of Burn-Wound Healing in Diabetes-Induced Rats. <i>Biological Research for Nursing</i> , 2019 , 21, 473-484	2.6	4
18	Hypothalamic dysfunction in obesity. <i>Reviews in the Neurosciences</i> , 2009 , 20, 441-9	4.7	4
17	Psychometric Performance of the Brazilian Version of the Diabetes Distress Scale in Patients With Diabetes Mellitus Type 2. <i>Journal of Nursing Measurement</i> , 2016 , 24, 101-13	0.5	4
16	Hypothalamic Microglial Heterogeneity and Signature under High Fat Diet-Induced Inflammation. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
15	DIABETES MELLITUS E O PROCESSO DE CICATRIZA^ [^] O CUT^ [^] N^ [^] EA. <i>Cogitare Enfermagem</i> , 2013 , 18,	0.9	3
14	Arcuate Nucleus Overexpression of NHLH2 Reduces Body Mass and Attenuates Obesity-Associated Anxiety/Depression-like Behavior. <i>Journal of Neuroscience</i> , 2021 , 41, 10004-10022	6.6	2
13	Demonstration of re-epithelialization in a bioprinted human skin equivalent wound model. <i>Bioprinting</i> , 2020 , e00102	7	2
12	Pharmacological inhibition of the kinin-kallikrein system in severe COVID-19 A proof-of-concept study		2
11	Inflammation of the hypothalamus leads to defective pancreatic islet function. <i>Journal of Biological Chemistry</i> , 2016 , 291, 26935	5.4	2
10	Glutamic acid promotes hair growth in mice. <i>Scientific Reports</i> , 2021 , 11, 15453	4.9	2
9	Prevalence and clinical significance of potential drug-drug interactions in diabetic patients attended in a tertiary care outpatient center, Brazil. <i>International Journal of Diabetes in Developing Countries</i> , 2016 , 36, 283-289	0.8	1

8	Topical Topiramate Improves Wound Healing in an Animal Model of Hyperglycemia. <i>Biological Research for Nursing</i> , 2019 , 21, 420-430	2.6	1
7	SARS-CoV-2 receptor is co-expressed with elements of the kinin-kallikrein, renin-angiotensin and coagulation systems in alveolar cells		1
6	A smartphone app for individual anesthetic calculation decreased anesthesia-related mortality in mice		1
5	Isolating and Cryo-Preserving Pig Skin Cells for Single Cell RNA Sequencing Study		1
4	Accelerative action of topical piperonylic acid on mice full thickness wound by modulating inflammation and collagen deposition. <i>PLoS ONE</i> , 2021 , 16, e0259134	3.7	0
3	A Smartphone App for Individual Xylazine/Ketamine Calculation Decreased Anesthesia-Related Mortality in Mice. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 651202	3.1	0
2	Isolating and cryopreserving pig skin cells for single-cell RNA sequencing study.. <i>PLoS ONE</i> , 2022 , 17, e0263869	3.7	0
1	Assessing Specimens of Devitalized Tissue in Chronic Sacral Pressure Ulcers: A Pilot Study. <i>Advances in Skin and Wound Care</i> , 2017 , 30, 552-558	1.5	