

Eliana P AraÃ±ojo

List of Publications by Year in descending order

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83
papers

4,490
citations

159525

30
h-index

102432

66
g-index

94
all docs

94
docs citations

94
times ranked

6370
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	Loss-of-Function Mutation in Toll-Like Receptor 4 Prevents Diet-Induced Obesity and Insulin Resistance. <i>Diabetes</i> , 2007, 56, 1986-1998.	0.3	741
3	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.	1.1	149
4	Selective impairment of insulin signalling in the hypothalamus of obese Zucker rats. <i>Diabetologia</i> , 2003, 46, 1629-1640.	2.9	144
5	Interleukin-10 is a protective factor against diet-induced insulin resistance in liver. <i>Journal of Hepatology</i> , 2008, 48, 628-637.	1.8	140
6	AdipoR1 mediates the anorexigenic and insulin/leptin-like actions of adiponectin in the hypothalamus. <i>FEBS Letters</i> , 2008, 582, 1471-1476.	1.3	136
7	Taurine supplementation modulates glucose homeostasis and islet function. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 503-511.	1.9	122
8	Crosstalk between the Insulin and Leptin Signaling Systems in Rat Hypothalamus ^{**} . <i>Obesity</i> , 2005, 13, 48-57.	4.0	118
9	Infliximab Restores Glucose Homeostasis in an Animal Model of Diet-Induced Obesity and Diabetes. <i>Endocrinology</i> , 2007, 148, 5991-5997.	1.4	111
10	Diet-Induced Inflammation of the Hypothalamus in Obesity. <i>NeuroImmunoModulation</i> , 2008, 15, 189-193.	0.9	108
11	Reduction of Hypothalamic Protein Tyrosine Phosphatase Improves Insulin and Leptin Resistance in Diet-Induced Obese Rats. <i>Endocrinology</i> , 2008, 149, 3870-3880.	1.4	103
12	Defective regulation of adipose tissue autophagy in obesity. <i>International Journal of Obesity</i> , 2013, 37, 1473-1480.	1.6	100
13	Supramolecular poly(acrylic acid)/F127 hydrogel with hydration-controlled nitric oxide release for enhancing wound healing. <i>Acta Biomaterialia</i> , 2018, 74, 312-325.	4.1	87
14	Inhibition of UCP2 expression reverses diet-induced diabetes mellitus by effects on both insulin secretion and action. <i>FASEB Journal</i> , 2007, 21, 1153-1163.	0.2	78
15	Hypothalamic Microglial Activation in Obesity: A Mini-Review. <i>Frontiers in Neuroscience</i> , 2018, 12, 846.	1.4	68
16	Amelioration of diet-induced diabetes mellitus by removal of visceral fat. <i>Journal of Endocrinology</i> , 2006, 191, 699-706.	1.2	66
17	Inflammation of the Hypothalamus Leads to Defective Pancreatic Islet Function. <i>Journal of Biological Chemistry</i> , 2011, 286, 12870-12880.	1.6	65
18	Defective regulation of POMC precedes hypothalamic inflammation in diet-induced obesity. <i>Scientific Reports</i> , 2016, 6, 29290.	1.6	54

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19	Peroxisome proliferator-activated receptor γ -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, 1522-1531.	2.9	52
20	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, 5470-5479.	1.4	47
21	Short-Term Inhibition of Insulin Receptor Substrate-1 Expression Leads to Insulin Resistance, Hyperinsulinemia, and Increased Adiposity. <i>Endocrinology</i> , 2005, 146, 1428-1437.	1.4	46
22	Asthma and COVID-19: a systematic review. <i>Allergy, Asthma and Clinical Immunology</i> , 2021, 17, 5.	0.9	43
23	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.	2.0	42
24	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, 635-644.	1.5	41
25	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.	1.6	39
26	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, 2270-2281.	0.3	37
27	Safety and Outcomes Associated with the Pharmacological Inhibition of the Kinin-Kallikrein System in Severe COVID-19. <i>Viruses</i> , 2021, 13, 309.	1.5	35
28	Decreased Cholinergic Stimulation of Insulin Secretion by Islets from Rats Fed a Low Protein Diet Is Associated with Reduced Protein Kinase $C\alpha$ Expression. <i>Journal of Nutrition</i> , 2003, 133, 695-699.	1.3	34
29	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.	3.1	34
30	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, 5385-5399.	1.4	32
31	Novel fibrin-fibronectin matrix accelerates mice skin wound healing. <i>Bioactive Materials</i> , 2020, 5, 949-962.	8.6	32
32	Effect of Topical Insulin on Second-Degree Burns in Diabetic Rats. <i>Biological Research for Nursing</i> , 2016, 18, 181-192.	1.0	31
33	Blockade of IRS1 in isolated rat pancreatic islets improves glucose-induced insulin secretion. <i>FEBS Letters</i> , 2002, 531, 437-442.	1.3	30
34	UCP2 protects hypothalamic cells from TNF α -induced damage. <i>FEBS Letters</i> , 2008, 582, 3103-3110.	1.3	30
35	Topical Docosahexaenoic Acid (DHA) Accelerates Skin Wound Healing in Rats and Activates GPR120. <i>Biological Research for Nursing</i> , 2016, 18, 411-419.	1.0	30
36	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.	1.5	30

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37	Interleukin-6 Expression by Hypothalamic Microglia in Multiple Inflammatory Contexts: A Systematic Review. <i>BioMed Research International</i> , 2019, 2019, 1-11.	0.9	30
38	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.	1.2	28
39	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.	3.1	28
40	MECHANISMS IN ENDOCRINOLOGY: Hypothalamic inflammation and nutrition. <i>European Journal of Endocrinology</i> , 2016, 175, R97-R105.	1.9	27
41	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.	0.7	24
42	Early Steps of Insulin Action in the Skin of Intact Rats. <i>Journal of Investigative Dermatology</i> , 2001, 117, 971-976.	0.3	22
43	Effect of Atorvastatin on Wound Healing in Rats. <i>Biological Research for Nursing</i> , 2015, 17, 159-168.	1.0	21
44	Bioactive Fatty Acids in the Resolution of Chronic Inflammation in Skin Wounds. <i>Advances in Wound Care</i> , 2020, 9, 472-490.	2.6	21
45	Hypothalamic Inflammation and Obesity. <i>Vitamins and Hormones</i> , 2010, 82, 129-143.	0.7	20
46	Wound healing action of nitric oxide-releasing self-expandable collagen sponge. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 807-818.	1.3	20
47	Downregulation of HIF complex in the hypothalamus exacerbates diet-induced obesity. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 550-561.	2.0	16
48	Disruption of Metabolic Pathways - Perspectives for the Treatment of Cancer. <i>Current Cancer Drug Targets</i> , 2006, 6, 77-87.	0.8	15
49	Atypical transforming growth factor- β signaling in the hypothalamus is linked to diabetes. <i>Nature Medicine</i> , 2014, 20, 985-987.	15.2	15
50	Glutamic acid promotes hair growth in mice. <i>Scientific Reports</i> , 2021, 11, 15453.	1.6	15
51	Hypothalamic Microglial Heterogeneity and Signature under High Fat Diet-Induced Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2256.	1.8	13
52	Distinct Subsets of Hypothalamic Genes Are Modulated by Two Different Thermogenesis-inducing Stimuli. <i>Obesity</i> , 2008, 16, 1239-1247.	1.5	12
53	Effects of topical topiramate in wound healing in mice. <i>Archives of Dermatological Research</i> , 2018, 310, 363-373.	1.1	11
54	Demonstration of re-epithelialization in a bioprinted human skin equivalent wound model. <i>Bioprinting</i> , 2021, 24, e00102.	2.9	11

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55	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.	0.7	11
56	Effects of Electrospun Fibrous Membranes of PolyCaprolactone and Chitosan/Poly(Ethylene Oxide) on Mouse Acute Skin Lesions. <i>Polymers</i> , 2020, 12, 1580.	2.0	10
57	Fyn Mediates Leptin Actions in the Thymus of Rodents. <i>PLoS ONE</i> , 2009, 4, e7707.	1.1	10
58	Evaluating the Effect of 3% Papain Gel Application in Cutaneous Wound Healing in Mice. <i>Wounds</i> , 2017, 29, 96-101.	0.2	10
59	β 2-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, 537-546.	1.3	9
60	Inhibition of 72â€ŠDa inositol polyphosphate 5-phosphatase E improves insulin signal transduction in diet-induced obesity. <i>Journal of Endocrinology</i> , 2013, 217, 131-140.	1.2	8
61	Topical 5â€Šazacytidine accelerates skin wound healing in rats. <i>Wound Repair and Regeneration</i> , 2014, 22, 640-646.	1.5	8
62	Tumor necrosis factorâ€Šalpha levels in blood cord is directly correlated with the body weight of mothers. <i>Obesity Science and Practice</i> , 2016, 2, 210-214.	1.0	8
63	A Smartphone App for Individual Xylazine/Ketamine Calculation Decreased Anesthesia-Related Mortality in Mice. <i>Frontiers in Veterinary Science</i> , 2021, 8, 651202.	0.9	8
64	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.	1.7	8
65	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.	1.0	7
66	Isolating and cryopreserving pig skin cells for single-cell RNA sequencing study. <i>PLoS ONE</i> , 2022, 17, e0263869.	1.1	6
67	Hypothalamic Dysfunction in Obesity. <i>Reviews in the Neurosciences</i> , 2009, 20, 441-9.	1.4	5
68	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, 101-113.	0.2	5
69	DIABETES MELLITUS E O PROCESSO DE CICATRIZAÃƒFO CUTÃƒNEA. <i>Cogitare Enfermagem</i> , 2013, 18, .	0.6	5
70	A20 deubiquitinase controls PGC-1 β expression in the adipose tissue. <i>Lipids in Health and Disease</i> , 2018, 17, 90.	1.2	4
71	Topical Topiramate Improves Wound Healing in an Animal Model of Hyperglycemia. <i>Biological Research for Nursing</i> , 2019, 21, 420-430.	1.0	4
72	Nursing diagnoses of diabetic patient medical charts: a descriptive study. <i>Online Brazilian Journal of Nursing</i> , 2013, 12, .	0.1	3

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73	Inflammation of the hypothalamus leads to defective pancreatic islet function.. Journal of Biological Chemistry, 2016, 291, 26935.	1.6	2
74	Prevalence and clinical significance of potential drug-drug interactions in diabetic patients attended in a tertiary care outpatient center, Brazil. International Journal of Diabetes in Developing Countries, 2016, 36, 283-289.	0.3	2
75	Accelerative action of topical piperonylic acid on mice full thickness wound by modulating inflammation and collagen deposition. PLoS ONE, 2021, 16, e0259134.	1.1	2
76	Assessing Specimens of Devitalized Tissue in Chronic Sacral Pressure Ulcers: A Pilot Study. Advances in Skin and Wound Care, 2017, 30, 552-558.	0.5	0
77	PAPAÑA-UREIA COMO AGENTE DESBRIDANTE: REVISÃO DE LITERATURA. Revista Baiana Saãde Pãblica, 2015, 38, 636-646.	0.0	0
78	CARACTERIZAÇÃO DA EXPRESSÃO DA INTERLEUCINA-6 (IL-6) EM NEURÔNIOS HIPOTALÂMICOS. , 0, , .		0
79	Difusão do conhecimento em saãde relacionado à obesidade e ao diabetes mellitus tipo 2: Intervenções voltadas a promoção de saãde e adesão ao tratamento. , 0, , .		0
80	Wound healing action of topical nitric oxide releasing poly(acrylic acid)/pluronic F127 hydrogel membranes. , 0, , .		0
81	CARACTERIZAÇÃO DA EXPRESSÃO DE RECEPTORES DE INTERLEUCINA-6 (IL-6R) EM NEURÔNIOS HIPOTALÂMICOS. , 0, , .		0
82	Nitric oxide releasing collagen membranes for the topical treatment of wounds. Revista Dos Trabalhos De Iniciação Científica Da UNICAMP, 2019, , .	0.0	0
83	Controle glicêmico, suporte social percebido e o autocuidado de indivíduos com diabetes tipo 2. Saãde Coletiva (Barueri), 2020, , 2815-2830.	0.0	0