Eugenia Carvalho

List of Publications by Year
in descending order

99 papers	4,620 citations	81743 39 h-index	102304 66 g-index
102 all docs	102 docs citations	102 times ranked	6765 citing authors

#	Article	IF	Citations
1	Antioxidant activity characterization of a commercial juice (apple, strawberry and lemon thyme) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	1
2	Adiposeâ€related microRNAs as modulators of the cardiovascular system: the role of epicardial adipose tissue. Journal of Physiology, 2022, 600, 1171-1187.	1.3	12
3	Drug-induced metabolic alterations in adipose tissue - with an emphasis in epicardial adipose tissue. Anais Da Academia Brasileira De Ciencias, 2022, 94, .	0.3	0
4	The Role of Nutraceutical Containing Polyphenols in Diabetes Prevention. Metabolites, 2022, 12, 184.	1.3	18
5	Effect of excess weight and insulin resistance on DNA methylation in prepubertal children. Scientific Reports, 2022, 12, 8430.	1.6	2
6	Mitochondrial respiration in thoracic perivascular adipose tissue of diabetic mice. Journal of Endocrinology, 2022, 254, 169-184.	1.2	1
7	Effectiveness of Two Stress Reduction Interventions in Patients with Chronic Diabetic Foot Ulcers (PSY-DFU): Protocol for a Longitudinal RCT with a Nested Qualitative Study Involving Family Caregivers. International Journal of Environmental Research and Public Health, 2022, 19, 8556.	1.2	6
8	mTOR Signaling as a Regulator of Hematopoietic Stem Cell Fate. Stem Cell Reviews and Reports, 2021, 17, 1312-1322.	1.7	19
9	Improved diabetic wound healing by LFcinB is associated with relevant changes in the skin immune response and microbiota. Molecular Therapy - Methods and Clinical Development, 2021, 20, 726-739.	1.8	20
10	<scp>Shortâ€Term</scp> Increased Physical Activity During Early Life Affects Highâ€Fat <scp>Dietâ€“Induced</scp> Bone Loss in Young Adult Mice. JBMR Plus, 2021, 5, e10508.	1.3	2
11	Redox Imbalance and Methylation Disturbances in Early Childhood Obesity. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-16.	1.9	14
12	Stress-Reducing Psychological Interventions as Adjuvant Therapies for Diabetic Chronic Wounds. Current Diabetes Reviews, 2021, 17, .	0.6	5
13	Diabetes and Cannabinoid CB1 receptor deficiency promote similar early onset aging-like changes in the skin. Experimental Gerontology, 2021, 154, 111528.	1.2	5
14	Dietary supplementation with sulforaphane ameliorates skin aging through activation of the Keap1-Nrf2 pathway. Journal of Nutritional Biochemistry, 2021, 98, 108817.	1.9	11
15	Bioactive Antimicrobial Peptides as Therapeutic Agents for Infected Diabetic Foot Ulcers. Biomolecules, 2021, 11, 1894.	1.8	18
16	Sulforaphane prevents ageâ€associated cardiac and muscular dysfunction through Nrf2 signaling. Aging Cell, 2020, 19, e13261.	3.0	64
17	Mechanistic Actions of microRNAs in Diabetic Wound Healing. Cells, 2020, 9, 2228.	1.8	38
18	Mitochondrial Respiration in Female Zucker Rats: Effects of Obesity and Short-Term Metformin Treatment. Current Developments in Nutrition, 2020, 4, nzaa063_080.	0.1	0

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19	Increased Physical Activity During Early Life Exacerbates High Fat Diet-Induced Bone Loss in Adult Mice. Current Developments in Nutrition, 2020, 4, nzaa066_004.	0.1	0
20	Lack of lymphocytes impairs macrophage polarization and angiogenesis in diabetic wound healing. Life Sciences, 2020, 254, 117813.	2.0	32
21	Protein tyrosine phosphatase 1B inhibition as a potential therapeutic target for chronic wounds in diabetes. Pharmacological Research, 2020, 159, 104977.	3.1	31
22	Transient gain of function of cannabinoid CB1 receptors in the control of frontocortical glucose consumption in a rat model of Type-1 diabetes. Brain Research Bulletin, 2020, 161, 106-115.	1.4	3
23	Neonatal diet impacts liver mitochondrial bioenergetics in piglets fed formula or human milk. BMC Nutrition, 2020, 6, 13.	0.6	2
24	Multi-Omic Analysis Reveals Different Effects of Sulforaphane on the Microbiome and Metabolome in Old Compared to Young Mice. Microorganisms, 2020, 8, 1500.	1.6	14
25	535-P: Neurotensin Improves Endothelial Progenitor Cell Function in Diabetic Wound Healing. Diabetes, 2020, 69, 535-P.	0.3	0
26	536-P: Protein Tyrosine Phosphatase 1B Inhibitor MSI-1436 Promotes M2 Macrophage Polarization and Decreases Oxidative Stress in Human Monocytes under High-Glucose Conditions. Diabetes, 2020, 69, .	0.3	0
27	The Kinetics of Small Extracellular Vesicle Delivery Impacts Skin Tissue Regeneration. ACS Nano, 2019, 13, 8694-8707.	7.3	100
28	Chronic insulinopenia/hyperglycemia decreases cannabinoid CB1 receptor density and impairs glucose uptake in the mouse forebrain. Brain Research Bulletin, 2019, 147, 101-109.	1.4	4
29	A comparative study of mitochondrial respiration in circulating blood cells and skeletal muscle fibers in women. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E503-E512.	1.8	35
30	Imbalance in T-cell differentiation as a biomarker of chronic diabetic foot ulceration. Cellular and Molecular Immunology, 2019, 16, 833-834.	4.8	2
31	microRNA-155 inhibition restores Fibroblast Growth Factor 7 expression in diabetic skin and decreases wound inflammation. Scientific Reports, 2019, 9, 5836.	1.6	45
32	Immune aging in diabetes and its implications in wound healing. Clinical Immunology, 2019, 200, 43-54.	1.4	60
33	Editorial commentary: Wanted: MicroRNAs to the aid of the diabetic foot. Trends in Cardiovascular Medicine, 2019, 29, 138-140.	2.3	1
34	Establishing a Link Between Endothelial Cell Metabolism and Vascular Behaviour in a Type 1 Diabetes Mouse Model. Cellular Physiology and Biochemistry, 2019, 52, 503-516.	1.1	6
35	1333-P: Increased Spare Respiratory Capacity in Circulating Cells and Decreased Serum Antioxidant Defense Mechanisms in Obese Children. Diabetes, 2019, 68, 1333-P.	0.3	0
36	Proteostasis in epicardial versus subcutaneous adipose tissue in heart failure subjects with and without diabetes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 2183-2198.	1.8	10

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37	Calcineurin is an important factor involved in glucose uptake in human adipocytes. Molecular and Cellular Biochemistry, 2018, 445, 157-168.	1.4	17
38	Neurotensin, substance P, and insulin enhance cell migration. Journal of Peptide Science, 2018, 24, e3093.	0.8	22
39	Effects of the Diabetes-Induced MicroRNA-155 on Wound Healing and Fibroblast Growth Factor 7 Expression. Diabetes, 2018, 67, 29-LB.	0.3	2
40	Impaired T-cell differentiation in diabetic foot ulceration. Cellular and Molecular Immunology, 2017, 14, 758-769.	4.8	56
41	Skeletal Muscle Acute and Chronic Metabolic Response to Essential Amino Acid Supplementation in Hypertriglyceridemic Older Adults. Current Developments in Nutrition, 2017, 1, e002071.	0.1	7
42	Glucose and Lipid Dysmetabolism in a Rat Model of Prediabetes Induced by a High-Sucrose Diet. Nutrients, 2017, 9, 638.	1.7	38
43	Microbiota of Chronic Diabetic Wounds: Ecology, Impact, and Potential for Innovative Treatment Strategies. Frontiers in Microbiology, 2017, 8, 1791.	1.5	67
44	Neonatal diet composition modulates ileum mitochondrial function in a neonatal pig model. FASEB Journal, 2017, 31, .	0.2	0
45	Reply to Katlandur, Ozbek, and Keser. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E863-E863.	1.8	1
46	Hierarchical glucocorticoid-endocannabinoid interplay regulates the activation of the nucleus accumbens by insulin. Brain Research Bulletin, 2016, 124, 222-230.	1.4	12
47	Glucose uptake and lipid metabolism are impaired in epicardial adipose tissue from heart failure patients with or without diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E550-E564.	1.8	51
48	Mast Cells Regulate Wound Healing in Diabetes. Diabetes, 2016, 65, 2006-2019.	0.3	117
49	Rapamycin negatively impacts insulin signaling, glucose uptake and uncoupling protein-1 in brown adipocytes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 1929-1941.	1.2	18
50	Effects of insulin on the skin: possible healing benefits for diabetic foot ulcers. Archives of Dermatological Research, 2016, 308, 677-694.	1.1	48
51	The Place of Dipeptidyl Peptidase-4 Inhibitors in Type 2 Diabetes Therapeutics: A â€œMe Tooâ€•or â€œthe Special Oneâ€•Antidiabetic Class?. Journal of Diabetes Research, 2015, 2015, 1-28.	1.0	65
52	Substance P Promotes Wound Healing in Diabetes by Modulating Inflammation and Macrophage Phenotype. American Journal of Pathology, 2015, 185, 1638-1648.	1.9	170
53	Transition from Cyclosporine-Induced Renal Dysfunction to Nephrotoxicity in an in Vivo Rat Model. International Journal of Molecular Sciences, 2014, 15, 8979-8997.	1.8	26
54	The effect of neurotensin in human keratinocytes â€“ implication on impaired wound healing in diabetes. Experimental Biology and Medicine, 2014, 239, 6-12.	1.1	21

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55	The Role of MicroRNAs in Diabetic Complicationsâ€"Special Emphasis on Wound Healing. Genes, 2014, 5, 926-956.	1.0	105
56	Neurotensin Decreases the Proinflammatory Status of Human Skin Fibroblasts and Increases Epidermal Growth Factor Expression. International Journal of Inflammation, 2014, 2014, 1-9.	0.9	21
57	Chitosan-based dressings loaded with neurotensinâ€"an efficient strategy to improve early diabetic wound healing. Acta Biomaterialia, 2014, 10, 843-857.	4.1	130
58	Molecular mechanisms underlying the effects of cyclosporin A and sirolimus on glucose and lipid metabolism in liver, skeletal muscle and adipose tissue in an in vivo rat model. Biochemical Pharmacology, 2014, 88, 216-228.	2.0	35
59	Neurotensin-loaded collagen dressings reduce inflammation and improve wound healing in diabetic mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 32-43.	1.8	101
60	Cyclosporine A and Tacrolimus Reduce the Amount of GLUT4 at the Cell Surface in Human Adipocytes: Increased Endocytosis as a Potential Mechanism for the Diabetogenic Effects of Immunosuppressive Agents. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1885-E1894.	1.8	52
61	Short and long term in vivo effects of Cyclosporine A and Sirolimus on genes and proteins involved in lipid metabolism in Wistar rats. Metabolism: Clinical and Experimental, 2014, 63, 702-715.	1.5	19
62	Cyclosporine A enhances gluconeogenesis while sirolimus impairs insulin signaling in peripheral tissues after 3 weeks of treatment. Biochemical Pharmacology, 2014, 91, 61-73.	2.0	14
63	Early cardiac changes in a rat model of prediabetes: brain natriuretic peptide overexpression seems to be the best marker. Cardiovascular Diabetology, 2013, 12, 44.	2.7	66
64	Molecular and cellular mechanisms of bone morphogenetic proteins and activins in the skin: potential benefits for wound healing. Archives of Dermatological Research, 2013, 305, 557-569.	1.1	33
65	Spatial memory impairments in a prediabetic rat model. Neuroscience, 2013, 250, 565-577.	1.1	80
66	Increased Skin Inflammation and Blood Vessel Density in Human and Experimental Diabetes. International Journal of Lower Extremity Wounds, 2013, 12, 4-11.	0.6	60
67	Effects of Cyclosporine and Sirolimus on Insulin-Stimulated Glucose Transport and Glucose Tolerance in a Rat Model. Transplantation Proceedings, 2013, 45, 1142-1148.	0.3	14
68	Recent advances on the development of wound dressings for diabetic foot ulcer treatmentâ€"A review. Acta Biomaterialia, 2013, 9, 7093-7114.	4.1	572
69	Serum and Renal Tissue Markers of Nephropathy in Rats Under Immunosuppressive Therapy: Cyclosporine Versus Sirolimus. Transplantation Proceedings, 2013, 45, 1149-1156.	0.3	6
70	The immunosuppressive agents rapamycin, cyclosporin A and tacrolimus increase lipolysis, inhibit lipid storage and alter expression of genes involved in lipid metabolism in human adipose tissue. Molecular and Cellular Endocrinology, 2013, 365, 260-269.	1.6	63
71	Neurotensin Modulates the Migratory and Inflammatory Response of Macrophages under Hyperglycemic Conditions. BioMed Research International, 2013, 2013, 1-13.	0.9	22
72	Role of Endothelial Progenitor Cells and Inflammatory Cytokines in Healing of Diabetic Foot Ulcers. PLoS ONE, 2013, 8, e83314.	1.1	58

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73	Cellular cross-talk between epicardial adipose tissue and myocardium in relation to the pathogenesis of cardiovascular disease. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E937-E949.	1.8	143
74	mTOR inhibition with rapamycin causes impaired insulin signalling and glucose uptake in human subcutaneous and omental adipocytes. Molecular and Cellular Endocrinology, 2012, 355, 96-105.	1.6	84
75	Cardiorenal benefits of early versus late cyclosporine to sirolimus conversion in a rat model. Journal of Pharmacology and Pharmacotherapeutics, 2012, 3, 143-8.	0.2	5
76	Improved Survival, Vascular Differentiation and Wound Healing Potential of Stem Cells Co-Cultured with Endothelial Cells. PLoS ONE, 2011, 6, e16114.	1.1	88
77	Neurotensin downregulates the pro-inflammatory properties of skin dendritic cells and increases epidermal growth factor expression. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1863-1871.	1.9	44
78	Study of the antidiabetic capacity of the VO(dmpp)2 complex. Journal of Inorganic Biochemistry, 2010, 104, 987-992.	1.5	32
79	Role of neuropeptides in skin inflammation and its involvement in diabetic wound healing. Expert Opinion on Biological Therapy, 2010, 10, 1427-1439.	1.4	67
80	Inflammatory and Angiogenic Abnormalities in Diabetic Wound Healing: Role of Neuropeptides and Therapeutic Perspectives~!2009-09-05~!2009-09-20~!2010-03-04~!. The Open Circulation & Vascular Journal, 2010, 3, 43-55.	0.4	30
81	Effects of decavanadate and insulin enhancing vanadium compounds on glucose uptake in isolated rat adipocytes. Journal of Inorganic Biochemistry, 2009, 103, 1687-1692.	1.5	86
82	S1735 The Tumor Promoter Protein Tyrosine Phosphatase 1b (PTP1B) Is Overexpressed in Colon Mucosa During Colitis. Gastroenterology, 2009, 136, A-259.	0.6	0
83	Elimination of glucose contamination from adipocyte glycogen extracts. Carbohydrate Research, 2008, 343, 1486-1489.	1.1	4
84	Substance P as a Novel Anti-obesity Target. Gastroenterology, 2008, 134, 747-755.e1.	0.6	58
85	Adipose-specific overexpression of GLUT4 reverses insulin resistance and diabetes in mice lacking GLUT4 selectively in muscle. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E551-E561.	1.8	196
86	GLUT4 Overexpression or Deficiency in Adipocytes of Transgenic Mice Alters the Composition of GLUT4 Vesicles and the Subcellular Localization of GLUT4 and Insulin-responsive Aminopeptidase. Journal of Biological Chemistry, 2004, 279, 21598-21605.	1.6	52
87	Evidence of impaired adipogenesis in insulin resistance. Biochemical and Biophysical Research Communications, 2004, 317, 1045-1051.	1.0	152
88	A novel cellular marker of insulin resistance and early atherosclerosis in humans is related to impaired fat cell differentiation and low adiponectin. FASEB Journal, 2003, 17, 1434-1440.	0.2	108
89	Insulin resistance with low cellular IRSâ€1 expression is also associated with low GLUT4 expression and impaired insulinâ€stimulated glucose transport ¹. FASEB Journal, 2001, 15, 1101-1103.	0.2	116
90	insulin resistance with low cellular IRSâ€1 expression is also associated with low GLUT4 expression and impaired insulinâ€stimulated glucose transport 1. FASEB Journal, 2001, 15, 1101-1103.	0.2	21

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91	Insulin resistance in fat cells from obese Zucker rats--evidence for an impaired activation and translocation of protein kinase B and glucose transporter 4. Molecular and Cellular Biochemistry, 2000, 206, 7-16.	1.4	62
92	Impaired phosphorylation and insulin-stimulated translocation to the plasma membrane of protein kinase B/Akt in adipocytes from Type II diabetic subjects. Diabetologia, 2000, 43, 1107-1115.	2.9	58
93	Phosphorylation of PDE3B by Phosphatidylinositol 3-Kinase Associated with the Insulin Receptor. Journal of Biological Chemistry, 2000, 275, 10093-10098.	1.6	63
94	PKB Inhibition Prevents the Stimulatory Effect of Insulin on Glucose Transport and Protein Translocation but Not the Antilipolytic Effect in Rat Adipocytes. Biochemical and Biophysical Research Communications, 2000, 268, 315-320.	1.0	59
95	Low cellular IRS 1 gene and protein expression predict insulin resistance and NIDDM. FASEB Journal, 1999, 13, 2173-2178.	0.2	143
96	Insulin Signaling and Action in Fat Cells: Associations with Insulin Resistance and Type 2 Diabetes. Annals of the New York Academy of Sciences, 1999, 892, 119-126.	1.8	92
97	Impaired glucose transport and protein kinase B activation by insulin, but not okadaic acid, in adipocytes from subjects with Type II diabetes mellitus. Diabetologia, 1999, 42, 819-825.	2.9	71
98	Electron paramagnetic resonance studies of cobalt-substituted angiotensin I-converting enzyme. Journal of Inorganic Biochemistry, 1996, 62, 147-153.	1.5	7
99	Effect of Inhibitors on the Coordination Geometries of Cadmium at the Metal Sites in Angiotensin-I-Converting Enzyme. FEBS Journal, 1995, 234, 780-785.	0.2	7