

Christian Carp

List of Publications by Year in descending order

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77
papers

3,098
citations

172457

29
h-index

161849

54
g-index

79
all docs

79
docs citations

79
times ranked

3524
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased monoamine oxidase activity and imidazoline binding sites in insulin-resistant adipocytes from obese Zucker rats. <i>World Journal of Biological Chemistry</i> , 2022, 13, 15-34.	4.3	2
2	High doses of tyramine stimulate glucose transport in human fat cells. <i>Journal of Physiology and Biochemistry</i> , 2022, 78, 543-556.	3.0	5
3	High doses of catecholamines activate glucose transport in human adipocytes independently from adrenoceptor stimulation or vanadium addition. <i>World Journal of Diabetes</i> , 2022, 13, 37-53.	3.5	4
4	Editorial Special Issue: 2020 consortium for trans-pyrenean investigations on obesity and diabetes. <i>Journal of Physiology and Biochemistry</i> , 2022, , 1.	3.0	0
5	Randomized Clinical Trial: Effects of $\hat{1}^2$ -Hydroxy- $\hat{1}^2$ -Methylbutyrate (HMB)-Enriched vs. HMB-Free Oral Nutritional Supplementation in Malnourished Cirrhotic Patients. <i>Nutrients</i> , 2022, 14, 2344.	4.1	8
6	Obesity of mice lacking VAP-1/SSAO by Aoc3 gene deletion is reproduced in mice expressing a mutated vascular adhesion protein-1 (VAP-1) devoid of amine oxidase activity. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 141-154.	3.0	14
7	Novel Facet of an Old Dietary Molecule? Direct Influence of Caffeine on Glucose and Biogenic Amine Handling by Human Adipocytes. <i>Molecules</i> , 2021, 26, 3831.	3.8	6
8	Oral Supplementation with Benzylamine Delays the Onset of Diabetes in Obese and Diabetic db-/- Mice. <i>Nutrients</i> , 2021, 13, 2622.	4.1	2
9	Opi Pramol Inhibits Lipolysis in Human Adipocytes without Altering Glucose Uptake and Differently from Antipsychotic and Antidepressant Drugs with Adverse Effects on Body Weight Control. <i>Pharmaceuticals</i> , 2020, 13, 41.	3.8	4
10	Methylxanthines Inhibit Primary Amine Oxidase and Monoamine Oxidase Activities of Human Adipose Tissue. <i>Medicines (Basel, Switzerland)</i> , 2020, 7, 18.	1.4	5
11	Vanadium-dependent activation of glucose transport in adipocytes by catecholamines is not mediated via adrenoceptor stimulation or monoamine oxidase activity. <i>World Journal of Diabetes</i> , 2020, 11, 622-643.	3.5	8
12	Methylamine Activates Glucose Uptake in Human Adipocytes Without Overpassing Action of Insulin or Stimulating its Secretion in Pancreatic Islets. <i>Medicines (Basel, Switzerland)</i> , 2019, 6, 89.	1.4	9
13	Oral Phenzelzine Treatment Mitigates Metabolic Disturbances in Mice Fed a High-Fat Diet. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 371, 555-566.	2.5	11
14	Past, Present and Future Anti-Obesity Effects of Flavin-Containing and/or Copper-Containing Amine Oxidase Inhibitors. <i>Medicines (Basel, Switzerland)</i> , 2019, 6, 9.	1.4	24
15	Effects of the amino acid derivatives, $\hat{1}^2$ -hydroxy- $\hat{1}^2$ -methylbutyrate, taurine, and N-methyltyramine, on triacylglycerol breakdown in fat cells. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 263-273.	3.0	6
16	Engineering and Biomedical Effects of Commercial Juices of Berries, Cherries, and Pomegranates With High Polyphenol Content. , 2019, , 259-283.		1
17	Resveratrol Anti-Obesity Effects: Rapid Inhibition of Adipocyte Glucose Utilization. <i>Antioxidants</i> , 2019, 8, 74.	5.1	40
18	Regulation of glucose metabolism by bioactive phytochemicals for the management of type 2 diabetes mellitus. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 830-847.	10.3	123

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19	Body fat reduction without cardiovascular changes in mice after oral treatment with the MAO inhibitor phenelzine. <i>British Journal of Pharmacology</i> , 2018, 175, 2428-2440.	5.4	18
20	Natriuretic peptides promote glucose uptake in a cGMP-dependent manner in human adipocytes. <i>Scientific Reports</i> , 2018, 8, 1097.	3.3	33
21	Short-term effects of obestatin on hexose uptake and triacylglycerol breakdown in human subcutaneous adipocytes. <i>World Journal of Diabetes</i> , 2018, 9, 25-32.	3.5	2
22	Resveratrol, Metabolic Syndrome, and Gut Microbiota. <i>Nutrients</i> , 2018, 10, 1651.	4.1	181
23	Metabolic Effects of Oral Phenelzine Treatment on High-Sucrose-Drinking Mice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2904.	4.1	8
24	Mechanisms of the antilipolytic response of human adipocytes to tyramine, a trace amine present in food. <i>Journal of Physiology and Biochemistry</i> , 2018, 74, 623-633.	3.0	15
25	The Dietary Antioxidant Piceatannol Inhibits Adipogenesis of Human Adipose Mesenchymal Stem Cells and Limits Glucose Transport and Lipogenic Activities in Adipocytes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2081.	4.1	22
26	Pomegranate juice and its main polyphenols exhibit direct effects on amine oxidases from human adipose tissue and inhibit lipid metabolism in adipocytes. <i>Journal of Functional Foods</i> , 2017, 33, 323-331.	3.4	33
27	Pterostilbene Inhibits Lipogenic Activity similar to Resveratrol or Caffeine but Differently Modulates Lipolysis in Adipocytes. <i>Phytotherapy Research</i> , 2017, 31, 1273-1282.	5.8	20
28	Insulin-mimetic compound hexakis (benzylammonium) decavanadate is antilipolytic in human fat cells. <i>World Journal of Diabetes</i> , 2017, 8, 143.	3.5	22
29	Tyramine activates lipid accumulation in rat adipocytes: influences of <i>in vitro</i> and <i>in vivo</i> administration. <i>AIMS Molecular Science</i> , 2017, 4, 339-351.	0.5	2
30	Dietary Phenolic Compounds Interfere with the Fate of Hydrogen Peroxide in Human Adipose Tissue but Do Not Directly Inhibit Primary Amine Oxidase Activity. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-15.	4.0	13
31	Advances in Integrating Traditional and Omic Biomarkers When Analyzing the Effects of the Mediterranean Diet Intervention in Cardiovascular Prevention. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1469.	4.1	35
32	Anti-obesity effects of resveratrol: comparison between animal models and humans. <i>Journal of Physiology and Biochemistry</i> , 2016, 73, 417-429.	3.0	32
33	High intake of dietary tyramine does not deteriorate glucose handling and does not cause adverse cardiovascular effects in mice. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 539-553.	3.0	6
34	Piceatannol and resveratrol share inhibitory effects on hydrogen peroxide release, monoamine oxidase and lipogenic activities in adipose tissue, but differ in their antilipolytic properties. <i>Chemico-Biological Interactions</i> , 2016, 258, 115-125.	4.0	32
35	Anatomical distribution of primary amine oxidase activity in four adipose depots and plasma of severely obese women with or without a dysmetabolic profile. <i>Journal of Physiology and Biochemistry</i> , 2016, 73, 475-486.	3.0	12
36	Potential renoprotective effects of piceatannol in ameliorating the early-stage nephropathy associated with obesity in obese Zucker rats. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 555-566.	3.0	14

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37	Short-term and rapid effects of lysophosphatidic acid on human adipose cell lipolytic and glucose uptake activities. <i>AIMS Molecular Science</i> , 2016, 3, 222-237.	0.5	10
38	Glitazones inhibit human monoamine oxidase but their anti-inflammatory actions are not mediated by VAP-1/semicarbazide-sensitive amine oxidase inhibition. <i>Journal of Physiology and Biochemistry</i> , 2015, 71, 487-496.	3.0	4
39	Is there an optimal dose for dietary linoleic acid? Lessons from essential fatty acid deficiency supplementation and adipocyte functions in rats. <i>Journal of Physiology and Biochemistry</i> , 2014, 70, 615-627.	3.0	11
40	5-hydroxytryptamine actions in adipocytes: involvement of monoamine oxidase-dependent oxidation and subsequent PPAR β activation. <i>Journal of Neural Transmission</i> , 2013, 120, 919-926.	2.8	7
41	The amine oxidase inhibitor phenelzine limits lipogenesis in adipocytes without inhibiting insulin action on glucose uptake. <i>Journal of Neural Transmission</i> , 2013, 120, 997-1003.	2.8	15
42	Oxidation of high doses of serotonin favors lipid accumulation in mouse and human fat cells. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1089-1099.	3.3	20
43	Resveratrol directly affects in vitro lipolysis and glucose transport in human fat cells. <i>Journal of Physiology and Biochemistry</i> , 2013, 69, 585-593.	3.0	68
44	Benzylamine antihyperglycemic effect is abolished by AOC3 gene invalidation in mice but not rescued by semicarbazide-sensitive amine oxidase expression under the control of aP2 promoter. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 651-662.	3.0	13
45	Oral Administration of Semicarbazide Limits Weight Gain together with Inhibition of Fat Deposition and of Primary Amine Oxidase Activity in Adipose Tissue. <i>Journal of Obesity</i> , 2011, 2011, 1-10.	2.7	23
46	Increased primary amine oxidase expression and activity in white adipose tissue of obese and diabetic db a /a a mice. <i>Journal of Neural Transmission</i> , 2011, 118, 1071-1077.	2.8	21
47	Isopropyl-norepinephrine is a stronger lipolytic agent in human adipocytes than norepinephrine and other amines present in <i>Citrus aurantium</i> . <i>Journal of Physiology and Biochemistry</i> , 2011, 67, 443-452.	3.0	62
48	SSAO substrates exhibiting insulin-like effects in adipocytes as a promising treatment option for metabolic disorders. <i>Future Medicinal Chemistry</i> , 2010, 2, 1735-1749.	2.3	20
49	Comparative effects of idazoxan, efaroxan, and BU 224 on insulin secretion in the rabbit: Not only interaction with pancreatic imidazoline I2 binding sites. <i>Health</i> , 2010, 02, 112-123.	0.3	3
50	Chronic benzylamine administration in the drinking water improves glucose tolerance, reduces body weight gain and circulating cholesterol in high-fat diet-fed mice. <i>Pharmacological Research</i> , 2010, 61, 355-363.	7.1	42
51	Antidepressant Phenelzine Alters Differentiation of Cultured Human and Mouse Preadipocytes. <i>Molecular Pharmacology</i> , 2009, 75, 1052-1061.	2.3	26
52	Semicarbazide-Sensitive Amine Oxidase/Vascular Adhesion Protein-1 Deficiency Reduces Leukocyte Infiltration into Adipose Tissue and Favors Fat Deposition. <i>American Journal of Pathology</i> , 2009, 174, 1075-1083.	3.8	41
53	Oral Insulin-Mimetic Compounds That Act Independently of Insulin. <i>Diabetes</i> , 2007, 56, 486-493.	0.6	60
54	Adipogenesis-related increase of semicarbazide-sensitive amine oxidase and monoamine oxidase in human adipocytes. <i>Biochimie</i> , 2007, 89, 916-925.	2.6	63

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55	Adipose Tissue Proadipogenic Redox Changes in Obesity. <i>Journal of Biological Chemistry</i> , 2006, 281, 12682-12687.	3.4	93
56	Short- and long-term insulin-like effects of monoamine oxidases and semicarbazide-sensitive amine oxidase substrates in cultured adipocytes. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 1397-1405.	3.4	34
57	The imidazoline I2-site ligands BU 224 and 2-BFI inhibit MAO-A and MAO-B activities, hydrogen peroxide production, and lipolysis in rodent and human adipocytes. <i>European Journal of Pharmacology</i> , 2006, 552, 20-30.	3.5	25
58	Apelin, a Newly Identified Adipokine Up-Regulated by Insulin and Obesity. <i>Endocrinology</i> , 2005, 146, 1764-1771.	2.8	761
59	Glucose handling in streptozotocin-induced diabetic rats is improved by tyramine but not by the amine oxidase inhibitor semicarbazide. <i>European Journal of Pharmacology</i> , 2005, 522, 139-146.	3.5	27
60	Methylamine but not mafenide mimics insulin-like activity of the semicarbazide-sensitive amine oxidase-substrate benzylamine on glucose tolerance and on human adipocyte metabolism. <i>Pharmacological Research</i> , 2005, 52, 475-484.	7.1	28
61	Benzylamine Exhibits Insulin-Like Effects on Glucose Disposal, Glucose Transport, and Fat Cell Lipolysis in Rabbits and Diabetic Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 309, 1020-1028.	2.5	27
62	Alteration of Amine Oxidase Activity in the Adipose Tissue of Obese Subjects. <i>Obesity</i> , 2004, 12, 547-555.	4.0	39
63	Exploring the Binding Mode of Semicarbazide-Sensitive Amine Oxidase/VAP-1: Identification of Novel Substrates with Insulin-like Activity. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 4865-4874.	6.4	27
64	Inhibition of rat fat cell lipolysis by monoamine oxidase and semicarbazide-sensitive amine oxidase substrates. <i>European Journal of Pharmacology</i> , 2003, 466, 235-243.	3.5	44
65	Semicarbazide-sensitive amine oxidase activity exerts insulin-like effects on glucose metabolism and insulin-signaling pathways in adipose cells. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2003, 1647, 3-9.	2.3	62
66	Semicarbazide-Sensitive Amine Oxidase/Vascular Adhesion Protein-1 Activity Exerts an Antidiabetic Action in Goto-Kakizaki Rats. <i>Diabetes</i> , 2003, 52, 1004-1013.	0.6	60
67	Tyramine Stimulates Glucose Uptake in Insulin-Sensitive Tissues in Vitro and in Vivo via Its Oxidation by Amine Oxidases. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 303, 1238-1247.	2.5	56
68	Amine oxidase substrates mimic several of the insulin effects on adipocyte differentiation in 3T3 F442A cells. <i>Biochemical Journal</i> , 2001, 356, 769-777.	3.7	58
69	Amine oxidase substrates mimic several of the insulin effects on adipocyte differentiation in 3T3 F442A cells. <i>Biochemical Journal</i> , 2001, 356, 769.	3.7	44
70	Substrates of semicarbazide-sensitive amine oxidase co-operate with vanadate to stimulate tyrosine phosphorylation of insulin-receptor-substrate proteins, phosphoinositide 3-kinase activity and GLUT4 translocation in adipose cells. <i>Biochemical Journal</i> , 2000, 350, 171.	3.7	30
71	Substrates of semicarbazide-sensitive amine oxidase co-operate with vanadate to stimulate tyrosine phosphorylation of insulin-receptor-substrate proteins, phosphoinositide 3-kinase activity and GLUT4 translocation in adipose cells. <i>Biochemical Journal</i> , 2000, 350, 171-180.	3.7	90
72	High expression of monoamine oxidases in human white adipose tissue: evidence for their involvement in noradrenaline clearance. <i>Biochemical Pharmacology</i> , 1999, 58, 1735-1742.	4.4	61

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73	Lipolytic Effects of beta1-, beta2-, and beta3-Adrenergic Agonists in White Adipose Tissue of Mammals. <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 186-189.	3.8	46
74	Role of Semicarbazide-sensitive Amine Oxidase on Glucose Transport and GLUT4 Recruitment to the Cell Surface in Adipose Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 8025-8032.	3.4	148
75	Adrenergic Receptors and Fat Cells: Differential Recruitment by Physiological Amines and Homologous Regulation. <i>Obesity</i> , 1995, 3, 507S-514S.	4.0	43
76	Lack of functional antilipolytic β -adrenoceptor in rat fat cell: Comparison with hamster adipocyte. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1983, 74, 41-45.	0.2	12
77	Hypercholesterolemia of obese mice with deletion of vascular adhesion protein-1 occurs without other atherosclerosis risk factor. , 0, , .		2