Katarzyna Szkudelska

List of Publications by Year
in descending order

46 papers	1,639 citations	471061 17 h-index	288905 40 g-index
46 all docs	46 docs citations	46 times ranked	2804 citing authors

#	Article	IF	Citations
1	Resveratrol and diabetes: from animal to human studies. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1145-1154.	1.8	276
2	Resveratrol, obesity and diabetes. European Journal of Pharmacology, 2010, 635, 1-8.	1.7	272
3	Antiâ€diabetic effects of resveratrol. Annals of the New York Academy of Sciences, 2011, 1215, 34-39.	1.8	201
4	Resveratrol, a naturally occurring diphenolic compound, affects lipogenesis, lipolysis and the antilipolytic action of insulin in isolated rat adipocytes. Journal of Steroid Biochemistry and Molecular Biology, 2009, 113, 17-24.	1.2	121
5	Genistein affects lipogenesis and lipolysis in isolated rat adipocytes. Journal of Steroid Biochemistry and Molecular Biology, 2000, 75, 265-271.	1.2	119
6	Genisteinâ€”A dietary compound inducing hormonal and metabolic changes. Journal of Steroid Biochemistry and Molecular Biology, 2007, 105, 37-45.	1.2	109
7	The inhibitory effect of resveratrol on leptin secretion from rat adipocytes. European Journal of Clinical Investigation, 2009, 39, 899-905.	1.7	44
8	Daidzein, coumestrol and zearalenone affect lipogenesis and lipolysis in rat adipocytes. Phytomedicine, 2002, 9, 338-345.	2.3	43
9	Genistein restricts leptin secretion from rat adipocytes. Journal of Steroid Biochemistry and Molecular Biology, 2005, 96, 301-307.	1.2	37
10	Blood hormones, metabolic parameters and fatty acid proportion in dairy cows fed condensed tannins and oils blend. Annals of Animal Science, 2018, 18, 155-166.	0.6	33
11	Genistein, a plant-derived isoflavone, counteracts the antilipolytic action of insulin in isolated rat adipocytes. Journal of Steroid Biochemistry and Molecular Biology, 2008, 109, 108-114.	1.2	28
12	The relevance of AMP-activated protein kinase in insulin-secreting Î² cells: a potential target for improving Î² cell function?. Journal of Physiology and Biochemistry, 2019, 75, 423-432.	1.3	25
13	Resveratrol ameliorates inflammatory and oxidative stress in type 2 diabetic Goto-Kakizaki rats. Biomedicine and Pharmacotherapy, 2020, 125, 110026.	2.5	24
14	Resveratrol and genistein as adenosine triphosphateâ€“depleting agents in fat cells. Metabolism: Clinical and Experimental, 2011, 60, 720-729.	1.5	23
15	Potential of resveratrol in mitigating metabolic disturbances induced by ethanol. Biomedicine and Pharmacotherapy, 2018, 101, 579-584.	2.5	20
16	Effects of Resveratrol in Goto-Kakizaki Rat, a Model of Type 2 Diabetes. Nutrients, 2019, 11, 2488.	1.7	20
17	Short-Term Regulation of Adiponectin Secretion in Rat Adipocytes. Physiological Research, 2011, 60, 521-530.	0.4	18
18	Short-term Fasting and Lipolytic Activity in Rat Adipocytes. Hormone and Metabolic Research, 2004, 36, 667-673.	0.7	17

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19	Adipocyte dysfunction in rats with streptozotocinâ€“nicotinamideâ€induced diabetes. International Journal of Experimental Pathology, 2014, 95, 86-94.	0.6	17
20	Effects of AMPK activation on lipolysis in primary rat adipocytes: studies at different glucose concentrations. Archives of Physiology and Biochemistry, 2017, 123, 43-49.	1.0	16
21	Short-time deoxynivalenol treatment induces metabolic disturbances in the rat. Toxicology Letters, 2002, 136, 25-31.	0.4	13
22	The influence of fasting on liver sulfhydryl groups, glutathione peroxidase and glutathione-S-transferase activities in the rat. Journal of Physiology and Biochemistry, 2004, 60, 1-6.	1.3	13
23	Bisphenol A disturbs metabolism of primary rat adipocytes without affecting adipokine secretion. Environmental Science and Pollution Research, 2021, 28, 23301-23309.	2.7	13
24	Effects of the activation of heme oxygenase-1 on hormonal and metabolic changes in rats fed a high-fat diet. Biomedicine and Pharmacotherapy, 2017, 87, 375-380.	2.5	12
25	Effects of Adenosine A1 Receptor Antagonism on Insulin Secretion From Rat Pancreatic Islets. Physiological Research, 2011, 60, 905-911.	0.4	12
26	Regulatory role of adenosine in insulin secretion from pancreatic Î²-cellsâ€”Action via adenosine A1 receptor and beyond. Journal of Physiology and Biochemistry, 2015, 71, 133-140.	1.3	10
27	Resveratrol Affects Insulin Signaling in Type 2 Diabetic Goto-Kakizaki Rats. International Journal of Molecular Sciences, 2021, 22, 2469.	1.8	10
28	The anti-diabetic potential of betaine. Mechanisms of action in rodent models of type 2 diabetes. Biomedicine and Pharmacotherapy, 2022, 150, 112946.	2.5	10
29	The effect of thyroid hormones on blood insulin level and metabolic parameters in diabetic rats. Journal of Physiology and Biochemistry, 2003, 59, 71-76.	1.3	9
30	Hormonal and metabolic effects of genistein and daidzein in male rat. Journal of Animal and Feed Sciences, 2003, 12, 839-847.	0.4	8
31	Short-term effects of palmitate and 2-bromopalmitate on the lipolytic activity of rat adipocytes. Life Sciences, 2011, 89, 450-455.	2.0	7
32	Resveratrol Alleviates Ethanol-Induced Hormonal and Metabolic Disturbances in the Rat. Physiological Research, 2017, 66, 135-145.	0.4	7
33	Lack of the effect of mycotoxinsâ€“aflatoxin B1 and ochratoxin A on some functions of rat adipocytes. Toxicology in Vitro, 2005, 19, 771-777.	1.1	6
34	Effect of butyrate on aromatase cytochrome P450 levels in HT29, DLD-1 and LoVo colon cancer cells. Biomedicine and Pharmacotherapy, 2012, 66, 77-82.	2.5	6
35	The effect of triterpenoid saponins fromSaponaria officinalison some blood hormones, metabolic parameters and fatty acid composition in dairy cows. Journal of Agricultural Science, 2016, 154, 532-541.	0.6	6
36	The effect of diet on fat cell metabolism. A review. Journal of Animal and Feed Sciences, 1998, 7, 233-248.	0.4	6

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37	The metabolic profile of growing lambs fed diets rich in unsaturated fatty acids. Journal of Animal Physiology and Animal Nutrition, 2014, 98, 914-920.	1.0	5
38	The effect of a phytoestrogen, genistein, on the hormonal and metabolic status of pregnant rats. Journal of Animal and Feed Sciences, 2006, 15, 275-286.	0.4	5
39	Characteristics of metabolic changes in adipocytes of growing rats. Biochimie, 2016, 125, 195-203.	1.3	4
40	Blood serum metabolic profile and fatty acid composition in sheep fed concentrates with Camelina sativa cake and distillers dried grains with solubles. Small Ruminant Research, 2017, 156, 20-26.	0.6	4
41	The influence of genistein on insulin, leptin, thyroid hormones and metabolic parameters in mature rats. Journal of Animal and Feed Sciences, 2012, 21, 168-176.	0.4	3
42	Lack of effects of myo-inositol on metabolism of primary rat adipocytes. Archives of Physiology and Biochemistry, 2018, 124, 344-350.	1.0	2
43	Effects of short-term fasting and pharmacological activation of AMPK on metabolism of rat adipocytes. Archives of Physiology and Biochemistry, 2021, 127, 6-11.	1.0	2
44	Methylglyoxal impairs Î²-adrenergic signalling in primary rat adipocytes. Archives of Physiology and Biochemistry, 2019, , 1-8.	1.0	1
45	Hemin attenuates response of primary rat adipocytes to adrenergic stimulation. PeerJ, 2021, 9, e12092.	0.9	1
46	The effect of genistein on some hormones and metabolic parameters in the immature, female rats. Journal of Animal and Feed Sciences, 2007, 16, 274-282.	0.4	1