

NataÅja A VeliÄkoviÄ

List of Publications by Year in descending order

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37
papers

424
citations

840119

11
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794141

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37
all docs

37
docs citations

37
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	High-fructose diet leads to visceral adiposity and hypothalamic leptin resistance in male rats – do glucocorticoids play a role?. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 446-455.	1.9	45
2	Tissue-specific regulation of inflammation by macrophage migration inhibitory factor and glucocorticoids in fructose-fed Wistar rats. <i>British Journal of Nutrition</i> , 2013, 110, 456-465.	1.2	43
3	Fructose consumption enhances glucocorticoid action in rat visceral adipose tissue. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1166-1172.	1.9	40
4	Hepatic inflammation induced by high-fructose diet is associated with altered 11 β HSD1 expression in the liver of Wistar rats. <i>European Journal of Nutrition</i> , 2014, 53, 1393-1402.	1.8	36
5	Possible involvement of glucocorticoids in 5 α -dihydrotestosterone-induced PCOS-like metabolic disturbances in the rat visceral adipose tissue. <i>Molecular and Cellular Endocrinology</i> , 2015, 399, 22-31.	1.6	26
6	The impact of different fructose loads on insulin sensitivity, inflammation, and PSA-NCAM-mediated plasticity in the hippocampus of fructose-fed male rats. <i>Nutritional Neuroscience</i> , 2015, 18, 66-75.	1.5	24
7	Enhanced prereceptor glucocorticoid metabolism and lipogenesis impair insulin signaling in the liver of fructose-fed rats. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1790-1797.	1.9	20
8	Modulation of hepatic inflammation and energy-sensing pathways in the rat liver by high-fructose diet and chronic stress. <i>European Journal of Nutrition</i> , 2019, 58, 1829-1845.	1.8	14
9	Radiation-Induced Hyposuppression of the Hypothalamic-Pituitary-Adrenal Axis is Associated with Alterations of Hippocampal Corticosteroid Receptor Expression. <i>Radiation Research</i> , 2008, 169, 397-407.	0.7	13
10	Chronic Stress Potentiates High Fructose-Induced Lipogenesis in Rat Liver and Kidney. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1901141.	1.5	13
11	Gender modulates development of the metabolic syndrome phenotype in fructose-fed rats. <i>Archives of Biological Sciences</i> , 2013, 65, 455-464.	0.2	12
12	Enhanced Inflammation without Impairment of Insulin Signaling in the Visceral Adipose Tissue of 5 α -Dihydrotestosterone-Induced Animal Model of Polycystic Ovary Syndrome. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2017, 125, 522-529.	0.6	11
13	ATP and ADP hydrolysis in cell membranes from rat myometrium. <i>Molecular and Cellular Biochemistry</i> , 2012, 371, 199-208.	1.4	10
14	Involvement of glucocorticoid prereceptor metabolism and signaling in rat visceral adipose tissue lipid metabolism after chronic stress combined with high-fructose diet. <i>Molecular and Cellular Endocrinology</i> , 2018, 476, 110-118.	1.6	10
15	Effect of acute stress on NTPDase and 5 α -nucleotidase activities in brain synaptosomes in different stages of development. <i>International Journal of Developmental Neuroscience</i> , 2010, 28, 175-182.	0.7	9
16	Time-Course of Hypothalamic-Pituitary-Adrenal Axis Activity and Inflammation in Juvenile Rat Brain After Cranial Irradiation. <i>Cellular and Molecular Neurobiology</i> , 2012, 32, 1175-1185.	1.7	9
17	Long-term fructose-enriched diet introduced immediately after weaning does not induce oxidative stress in the rat liver. <i>Nutrition Research</i> , 2014, 34, 646-652.	1.3	9
18	Impact of insulin and glucocorticoid signalling on hepatic glucose homeostasis in the rat exposed to high-fructose diet and chronic stress. <i>International Journal of Food Sciences and Nutrition</i> , 2020, 71, 815-825.	1.3	9

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19	Identification of Suitable Reference Genes for Gene Expression Studies in Tissues from Fructose-Fed Rats. <i>Advanced Science Letters</i> , 2012, 5, 560-565.	0.2	9
20	Mif deficiency promotes adiposity in fructose-fed mice. <i>Journal of Endocrinology</i> , 2019, 240, 133-145.	1.2	9
21	Glucocorticoid signaling and lipid metabolism disturbances in the liver of rats treated with 5 α -dihydrotestosterone in an animal model of polycystic ovary syndrome. <i>Endocrine</i> , 2021, 72, 562-572.	1.1	8
22	Late-Onset Calorie Restriction Improves Lipid Metabolism and Aggravates Inflammation in the Liver of Old Wistar Rats. <i>Frontiers in Nutrition</i> , 2022, 9, .	1.6	8
23	Upregulation of Nucleoside Triphosphate Diphosphohydrolase-1 and Ecto-5 β -Nucleotidase in Rat Hippocampus after Repeated Low-Dose Dexamethasone Administration. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 959-967.	1.1	7
24	Disturbances of systemic and hippocampal insulin sensitivity in macrophage migration inhibitory factor (MIF) knockout male mice lead to behavioral changes associated with decreased PSA-NCAM levels. <i>Hormones and Behavior</i> , 2017, 96, 95-103.	1.0	7
25	Dexamethasone treatment affects nuclear glucocorticoid receptor and glucocorticoid response element binding activity in liver of rats (<i>Rattus norvegicus</i>) during aging. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 148, 463-469.	0.7	4
26	The expression and activity of antioxidant enzymes in the liver of rats exposed to high β -fructose diet in the period from weaning to adulthood. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 2319-2324.	1.7	4
27	Macrophage migration inhibitory factor deficiency aggravates effects of fructose β -enriched diet on lipid metabolism in the mouse liver. <i>BioFactors</i> , 2021, 47, 363-375.	2.6	4
28	High dietary fructose load aggravates lipid metabolism in the liver of Wistar rats through imbalance between lipogenesis and fatty acid oxidation. <i>Turkish Journal of Biology</i> , 2016, 40, 1235-1242.	2.1	3
29	Fructose-enriched diet affects hepatic lipid metabolism in young male and female rats in different ways. <i>Archives of Biological Sciences</i> , 2019, 71, 417-424.	0.2	3
30	Leptin and glucocorticoid signaling pathways in the hypothalamus of female and male fructose-fed rats. <i>Archives of Biological Sciences</i> , 2014, 66, 829-839.	0.2	2
31	5 α -dihydrotestosterone treatment induces metabolic changes associated with polycystic ovary syndrome without interfering with hypothalamic leptin and glucocorticoid signaling. <i>Archives of Biological Sciences</i> , 2016, 68, 473-481.	0.2	1
32	Fructose diet ameliorates effects of macrophage migration inhibitory factor deficiency on prefrontal cortex inflammation, neural plasticity, and behavior in male mice. <i>BioFactors</i> , 2021, , .	2.6	1
33	Cranial irradiation modulates hypothalamic-pituitary-adrenal axis activity and corticosteroid receptor expression in the hippocampus of juvenile rat. <i>General Physiology and Biophysics</i> , 2009, 28 Spec No, 219-27.	0.4	1
34	Estradiol receptors mediate estradiol-induced inhibition of mitochondrial Ca $^{2+}$ efflux in rat caudate nucleus and brain stem. <i>Turkish Journal of Biology</i> , 2015, 39, 328-334.	2.1	0
35	Managing Metabolic Health Impact of Fructose-Containing Beverages. , 2019, , 1-45.		0
36	Inhibition of mitochondrial Na-dependent Ca $^{2+}$ efflux from rat brain stem by 17 β -estradiol. <i>Archives of Biological Sciences</i> , 2009, 61, 171-177.	0.2	0

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37	Radiation-mediated induction of apoptotic cell death in rat hippocampus. Nuclear Technology and Radiation Protection, 2013, 28, 212-220.	0.3	0