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List of Publications by Year in descending order

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84
papers

911
citations

516710
16
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642732
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88
all docs

88
docs citations

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times ranked

964
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid and lipoprotein profile in women with polycystic ovary syndromeThis article is one of a selection of papers published in the special issue Bridging the Gap: Where Progress in Cardiovascular and Neurophysiologic Research Meet.. Canadian Journal of Physiology and Pharmacology, 2008, 86, 199-204.	1.4	55
2	The activity of erythrocyte and brain Na ⁺ /K ⁺ and Mg ²⁺ -ATPases in rats subjected to acute homocysteine and homocysteine thiolactone administration. Molecular and Cellular Biochemistry, 2009, 327, 39-45.	3.1	44
3	Two Types of Seizures in Homocysteine Thiolactone-Treated Adult Rats, Behavioral and Electroencephalographic Study. Cellular and Molecular Neurobiology, 2009, 29, 329-339.	3.3	42
4	The Role of Nitric Oxide in Homocysteine Thiolactone-Induced Seizures in Adult Rats. Cellular and Molecular Neurobiology, 2010, 30, 219-231.	3.3	29
5	Anxiety-related behavior in hyperhomocysteinemia induced by methionine nutritional overload in rats: role of the brain oxidative stress. Canadian Journal of Physiology and Pharmacology, 2016, 94, 1074-1082.	1.4	27
6	Effects of high-intensity interval training and nutrition advice on cardiometabolic markers and aerobic fitness in adolescent girls with obesity. Applied Physiology, Nutrition and Metabolism, 2020, 45, 294-300.	1.9	27
7	Chronic prostatitis/chronic pelvic pain syndrome increases susceptibility to seizures in rats and alters brain levels of IL-1 ^β and IL-6. Epilepsy Research, 2019, 153, 19-27.	1.6	25
8	Predictors of Subclinical Cardiovascular Disease in Women with Polycystic Ovary Syndrome: Interrelationship of Dyslipidemia and Arterial Blood Pressure. International Journal of Endocrinology, 2015, 2015, 1-9.	1.5	23
9	N-Methyl-D -aspartic acid- and metaphit-induced audiogenic seizures in rat model of seizures. Pharmacological Research, 2000, 42, 247-253.	7.1	22
10	Correlation between electrocorticographic and motor phenomena in lindane-induced experimental epilepsy in ratsThis article is one of a selection of papers published in the special issue Bridging the Gap: Where Progress in Cardiovascular and Neurophysiologic Research Meet.. Canadian Journal of Physiology and Pharmacology, 2008, 86, 173-179.	1.4	21
11	The interplay between metabolic dysregulations and non-alcoholic fatty liver disease in women after menopause. Maturitas, 2021, 151, 22-30.	2.4	21
12	The effects of dietary methionine restriction on the function and metabolic reprogramming in the liver and brain – implications for longevity. Reviews in the Neurosciences, 2019, 30, 581-593.	2.9	19
13	Hypertension in Polycystic Ovary Syndrome: Novel Insights. Current Hypertension Reviews, 2020, 16, 55-60.	0.9	19
14	Experimental Chronic Prostatitis/Chronic Pelvic Pain Syndrome Increases Anxiety-Like Behavior: The Role of Brain Oxidative Stress, Serum Corticosterone, and Hippocampal Parvalbumin-Positive Interneurons. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17.	4.0	19
15	Finasteride improves motor, EEG, and cellular changes in rat brain in thioacetamide-induced hepatic encephalopathy. American Journal of Physiology - Renal Physiology, 2014, 307, G931-G940.	3.4	18
16	The Role of nitric oxide in convulsions induced by lindane in rats. Food and Chemical Toxicology, 2011, 49, 947-954.	3.6	17
17	Lipid accumulation product is associated with metabolic syndrome in women with polycystic ovary syndrome. Hormones, 2016, 15, 35-44.	1.9	17
18	Behavioral and electroencephalographic manifestations of thioacetamide-induced encephalopathy in rats. Canadian Journal of Physiology and Pharmacology, 2012, 90, 1219-1227.	1.4	15

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19	Prenatal Androgenization Induces Anxiety-Like Behavior in Female Rats, Associated with Reduction of Inhibitory Interneurons and Increased BDNF in Hippocampus and Cortex. BioMed Research International, 2019, 2019, 1-12.	1.9	15
20	Different Sensitivity of Various Brain Structures to Thioacetamide-Induced Lipid Peroxidation. Medicinal Chemistry, 2012, 8, 52-58.	1.5	14
21	Finasteride Has Regionally Different Effects on Brain Oxidative Stress and Acetylcholinesterase Activity in Acute Thioacetamide-Induced Hepatic Encephalopathy in Rats. PLoS ONE, 2015, 10, e0134434.	2.5	14
22	Short-term sleep fragmentation enhances anxiety-related behavior: The role of hormonal alterations. PLoS ONE, 2019, 14, e0218920.	2.5	14
23	The correlation between lipid peroxidation in different brain regions and the severity of lindane-induced seizures in rats. Molecular and Cellular Biochemistry, 2010, 333, 243-250.	3.1	13
24	The effects of the modulation of NMDA receptors by homocysteine thiolactone and dizocilpine on cardiodynamics and oxidative stress in isolated rat heart. Molecular and Cellular Biochemistry, 2015, 401, 97-105.	3.1	13
25	Lipid accumulation product as a marker of cardiometabolic susceptibility in women with different phenotypes of polycystic ovary syndrome. European Journal of Endocrinology, 2016, 175, 551-560.	3.7	13
26	Delta sleep-inducing peptide and its tetrapeptide analogue alleviate severity of metaphit seizures. Pharmacology Biochemistry and Behavior, 2004, 77, 227-234.	2.9	12
27	Effect of acute lindane and alcohol intoxication on serum concentration of enzymes and fatty acids in rats. Food and Chemical Toxicology, 2008, 46, 1739-1743.	3.6	12
28	Inhibition of the Neuronal Nitric Oxide Synthase Potentiates Homocysteine Thiolactone- Induced Seizures in Adult Rats. Medicinal Chemistry, 2012, 8, 59-64.	1.5	12
29	Nonalcoholic Fatty Liver Disease in Patients with Polycystic Ovary Syndrome. Current Pharmaceutical Design, 2019, 24, 4593-4597.	1.9	12
30	Antiepileptic activity of delta sleep-inducing peptide and its analogue in metaphit-provoked seizures in rats. Seizure: the Journal of the British Epilepsy Association, 2005, 14, 240-247.	2.0	11
31	Influence of NR2B-Selective NMDA Antagonist on Lindane-Induced Seizures in Rats. Pharmacology, 2009, 84, 234-239.	2.2	11
32	Anticonvulsive Effect of Folic Acid in Homocysteine Thiolactone-Induced Seizures. Cellular and Molecular Neurobiology, 2011, 31, 1221-1228.	3.3	11
33	The effect of calorie restriction on acute ethanol-induced oxidative and nitrosative liver injury in rats. Environmental Toxicology and Pharmacology, 2013, 36, 296-302.	4.0	11
34	THE ANTICONVULSANT POTENCY OF (Δ^{\pm})-2-AMINO-7-PHOSPHONOHEPTANOIC ACID AND (Δ^{\pm})-2-AMINO-5-PHOSPHONOVALERIC ACID AGAINST METAPHIT-INDUCED AUDIOGENIC SEIZURES IN RATS. Pharmacological Research, 1998, 38, 347-352.	7.1	10
35	The effects of delta sleep-inducing peptide on incidence and severity in metaphit-induced epilepsy in rats. Pharmacological Research, 2002, 45, 241-247.	7.1	10
36	Moderate body hypothermia alleviates behavioral and EEG manifestations of audiogenic seizures in metaphit-treated rats. Canadian Journal of Physiology and Pharmacology, 2007, 85, 1032-1037.	1.4	10

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37	Oxidative stress in liver and red blood cells in acute lindane toxicity in rats. Human and Experimental Toxicology, 2009, 28, 747-757.	2.2	10
38	Paradoxical sleep deprivation potentiates epilepsy induced by homocysteine thiolactone in adult rats. Experimental Biology and Medicine, 2013, 238, 77-83.	2.4	10
39	Moderate hyperhomocysteinemia induced by short-term dietary methionine overload alters bone microarchitecture and collagen features during growth. Life Sciences, 2017, 191, 9-16.	4.3	10
40	Polycystic Ovary Syndrome: A Contemporary Clinical Approach. Current Pharmaceutical Design, 2021, 27, 3812-3820.	1.9	10
41	Lipid accumulation product is associated with metabolic syndrome in women with polycystic ovary syndrome. Hormones, 2015, 15, 35-44.	1.9	10
42	Hyperhomocysteinemia induced by methionine dietary nutritional overload modulates acetylcholinesterase activity in the rat brain. Molecular and Cellular Biochemistry, 2014, 396, 99-105.	3.1	9
43	The effect of subchronic supplementation with folic acid and l-arginine on homocysteine-induced seizures. Canadian Journal of Physiology and Pharmacology, 2016, 94, 1083-1089.	1.4	9
44	Sleep disruption increases seizure susceptibility: Behavioral and EEG evaluation of an experimental model of sleep apnea. Physiology and Behavior, 2016, 155, 188-194.	2.1	9
45	ANTICONVULSANT, BUT NOT ANTIEPILEPTIC, ACTION OF VALPROATE ON AUDIOGENIC SEIZURES IN METAPHIT-TREATED RATS. Clinical and Experimental Pharmacology and Physiology, 2007, 34, 1010-1015.	1.9	8
46	Ontogenetic influence on rat susceptibility to lindane seizure after pretreatment with phencyclidine. Environmental Toxicology and Pharmacology, 2013, 35, 161-170.	4.0	8
47	Induction of audiogenic seizures in imipenem/cilastatin-treated rats. Epilepsy and Behavior, 2004, 5, 151-158.	1.7	7
48	Delta-Sleep-Inducing Peptide Potentiates Anticonvulsive Activity of Valproate against Metaphit-Provoked Audiogenic Seizure in Rats. Pharmacology, 2006, 77, 78-84.	2.2	7
49	Age, body mass index, and serum level of DHEA-S can predict glucocorticoid receptor function in women with polycystic ovary syndrome. Endocrine, 2010, 37, 129-134.	2.3	7
50	The effect of N-methyl-D-aspartate receptor antagonists on D,L-homocysteine thiolactone induced seizures in adult rats. Acta Physiologica Hungarica, 2011, 98, 17-26.	0.9	7
51	The effect of subchronic supplementation with folic acid on homocysteine induced seizures. Acta Physiologica Hungarica, 2015, 102, 151-162.	0.9	7
52	Sulfur-Containing Amino Acids in Seizures: Current State of the Art. Current Medicinal Chemistry, 2018, 25, 378-390.	2.4	7
53	Gaseous neurotransmitter nitric oxide: Its role in experimental models of epilepsy. Archives of Biological Sciences, 2012, 64, 1207-1216.	0.5	7
54	Interaction of Delta Sleep-inducing Peptide and Valproate on Metaphit Audiogenic Seizure Model in Rats. Cellular and Molecular Neurobiology, 2007, 27, 923-932.	3.3	6

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55	Modulations of rabbit erythrocyte ATPase activities induced by inÂvitro and inÂvivo exposure to ethanol. <i>Molecular and Cellular Biochemistry</i> , 2008, 308, 111-116.	3.1	6
56	Spectral analysis of thioacetamide-induced electroencephalographic changes in rats. <i>Human and Experimental Toxicology</i> , 2013, 32, 90-100.	2.2	6
57	Health-related quality of life questionnaire for polycystic ovary syndrome (PCOSQ-50): a psychometric study with the Serbian version. <i>Women and Health</i> , 2019, 59, 1015-1025.	1.0	6
58	Anxiogenic Potential of Experimental Sleep Fragmentation Is Duration-Dependent and Mediated via Oxidative Stress State. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	4.0	6
59	Multidisciplinary approach to nitric oxide signaling: Focus on gastrointestinal and central nervous system. <i>Vojnosanitetski Pregled</i> , 2015, 72, 619-624.	0.2	6
60	Homocysteine thiolactone-induced seizures in adult rats are aggravated by inhibition of inducible nitric oxide synthase. <i>Human and Experimental Toxicology</i> , 2014, 33, 496-503.	2.2	5
61	Alterations of medial prefrontal cortex bioelectrical activity in experimental model of isoprenaline-induced myocardial infarction. <i>PLoS ONE</i> , 2020, 15, e0232530.	2.5	5
62	Experimental chronic sleep fragmentation alters seizure susceptibility and brain levels of interleukins 1Î² and 6. <i>Acta Neurobiologiae Experimentalis</i> , 2021, 81, 96-109.	0.7	5
63	Ontogenetic study of metaphit-induced audiogenic seizures in rats. <i>Developmental Brain Research</i> , 2005, 155, 42-48.	1.7	4
64	Fetal and maternal plasma homocysteine levels during the second half of uncomplicated pregnancy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 1244-1249.	1.5	4
65	Neural pathways underlying the interplay between emotional experience and behavior, from old theories to modern insight. <i>Archives of Biological Sciences</i> , 2021, 73, 361-370.	0.5	4
66	The central nervous system is not imunoprivileged: Inflammation and epileptogenesis. <i>Vojnosanitetski Pregled</i> , 2018, 75, 820-825.	0.2	4
67	Behavioral and electroencephalographic manifestations of thioacetamide-induced encephalopathy: Possible mechanisms of neurotoxic effects. <i>Archives of Biological Sciences</i> , 2012, 64, 829-841.	0.5	3
68	Dose-dependent anticonvulsive effect of ethanol on lindane-induced seizures in ratsThis article is one of a selection of papers published in the special issue Bridging the Gap: Where Progress in Cardiovascular and Neurophysiologic Research Meet.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2008, 86, 148-152.	1.4	2
69	A decade in female reproduction: an endocrine view of the past and into the future. <i>Hormones</i> , 2018, 17, 497-505.	1.9	2
70	Homocysteine: Neurotoxicity and mechanisms of induced hyperexcitability. <i>Serbian Journal of Experimental and Clinical Research</i> , 2011, 12, 3-10.	0.1	2
71	The effects of phenytoin and phenobarbital on seizures induced by imipenem/cilastatin in rats. <i>Acta Neurologica Belgica</i> , 2004, 104, 20-6.	1.1	2
72	Modulation of Epileptic Activity in Rats: Focus on Sleep, Physical Exercise and Nitric Oxideâ€‘mediated Neurotransmission in a Model of Homocysteine Thiolactoneâ€‘induced Seizures. <i>Serbian Journal of Experimental and Clinical Research</i> , 2014, 15, 3-10.	0.1	1

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73	The Influence of Finasteride on Mean and Relative Spectral Density of EEG Bands in Rat Model of Thioacetamide-Induced Hepatic Encephalopathy. <i>Neurotoxicity Research</i> , 2016, 30, 150-158.	2.7	1
74	Modulatory effects of delta sleep-inducing peptide in a lindane model of generalized seizures. <i>Archives of Biological Sciences</i> , 2018, 70, 559-566.	0.5	1
75	Basic characteristics of epileptiform discharges triggered by lindane in rats. <i>Medicinski Podmladak</i> , 2018, 69, 69-75.	0.0	1
76	Acetylcholinesterase as a potential target of acute neurotoxic effects of lindane in rats. <i>General Physiology and Biophysics</i> , 2009, 28 Spec No, 18-24.	0.9	1
77	Neurophysiology of stress: From historical to modern approach. , 2022, 55, 51-57.		1
78	Valproate and delta-sleep peptide display high efficacy against metaphit-induced audiogenic seizure in rats. <i>Acta Physiologica Hungarica</i> , 2006, 93, 303-314.	0.9	0
79	Cortisol Response to Low-Dose (1 ¼g) ACTH Stimulation for the Prediction of Outcome in Patients with Systemic Inflammatory Response Syndrome. <i>Journal of Medical Biochemistry</i> , 2016, 35, 428-435.	1.7	0
80	Homocysteine, Neurotoxicity and Hyperexcitability. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2013, , 73-81.	0.5	0
81	Folic acid supplementation alleviates behavioral manifestations of lindane-induced seizures. <i>Archives of Biological Sciences</i> , 2019, 71, 403-408.	0.5	0
82	The importance of smell and taste in everyday life: Dysfunction in COVID-19 patients. <i>Medicinski Podmladak</i> , 2021, 72, 37-48.	0.0	0
83	Neurogenesis and the impact of steroid hormones on behaviour. , 2016, 50, 23-29.		0
84	Basic characteristics of EEG epileptiform discharges triggered by lindane in a model of experimental prostatitis. <i>Medicinski Podmladak</i> , 2022, 73, 13-19.	0.0	0