

Dragan Hrnčić

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7567017/publications.pdf>

Version: 2024-02-01

67
papers

698
citations

623574

14
h-index

713332

21
g-index

69
all docs

69
docs citations

69
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	The activity of erythrocyte and brain Na ⁺ /K ⁺ and Mg ²⁺ -ATPases in rats subjected to acute homocysteine and homocysteine thiolactone administration. <i>Molecular and Cellular Biochemistry</i> , 2009, 327, 39-45.	1.4	44
2	Two Types of Seizures in Homocysteine Thiolactone-Treated Adult Rats, Behavioral and Electroencephalographic Study. <i>Cellular and Molecular Neurobiology</i> , 2009, 29, 329-339.	1.7	42
3	The Role of Nitric Oxide in Homocysteine Thiolactone-Induced Seizures in Adult Rats. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 219-231.	1.7	29
4	Anxiety-related behavior in hyperhomocysteinemia induced by methionine nutritional overload in rats: role of the brain oxidative stress. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 1074-1082.	0.7	27
5	Effects of high-intensity interval training and nutrition advice on cardiometabolic markers and aerobic fitness in adolescent girls with obesity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 294-300.	0.9	27
6	Chronic prostatitis/chronic pelvic pain syndrome increases susceptibility to seizures in rats and alters brain levels of IL-1 β and IL-6. <i>Epilepsy Research</i> , 2019, 153, 19-27.	0.8	25
7	Correlation between electrocorticographic and motor phenomena in lindane-induced experimental epilepsy in rats This 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, 173-179.	0.7	21
8	The effects of dietary methionine restriction on the function and metabolic reprogramming in the liver and brain – implications for longevity. <i>Reviews in the Neurosciences</i> , 2019, 30, 581-593.	1.4	19
9	Hypertension in Polycystic Ovary Syndrome: Novel Insights. <i>Current Hypertension Reviews</i> , 2020, 16, 55-60.	0.5	19
10	Experimental Chronic Prostatitis/Chronic Pelvic Pain Syndrome Increases Anxiety-Like Behavior: The Role of Brain Oxidative Stress, Serum Corticosterone, and Hippocampal Parvalbumin-Positive Interneurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	1.9	19
11	Finasteride improves motor, EEG, and cellular changes in rat brain in thioacetamide-induced hepatic encephalopathy. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G931-G940.	1.6	18
12	The Role of nitric oxide in convulsions induced by lindane in rats. <i>Food and Chemical Toxicology</i> , 2011, 49, 947-954.	1.8	17
13	Exercise Decreases Susceptibility to Homocysteine Seizures: the Role of Oxidative Stress. <i>International Journal of Sports Medicine</i> , 2014, 35, 544-550.	0.8	16
14	The correlation of SYNTAX score by coronary angiography with breast arterial calcification by digital mammography. <i>Clinical Radiology</i> , 2018, 73, 454-459.	0.5	16
15	Behavioral and electroencephalographic manifestations of thioacetamide-induced encephalopathy in rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 1219-1227.	0.7	15
16	A comparative behavioural study of mechanical hypersensitivity in 2 pain models in rats and humans. <i>Pain</i> , 2016, 157, 1248-1258.	2.0	15
17	Prenatal Androgenization Induces Anxiety-Like Behavior in Female Rats, Associated with Reduction of Inhibitory Interneurons and Increased BDNF in Hippocampus and Cortex. <i>BioMed Research International</i> , 2019, 2019, 1-12.	0.9	15
18	Different Sensitivity of Various Brain Structures to Thioacetamide-Induced Lipid Peroxidation. <i>Medicinal Chemistry</i> , 2012, 8, 52-58.	0.7	14

#	ARTICLE	IF	CITATIONS
19	Finasteride Has Regionally Different Effects on Brain Oxidative Stress and Acetylcholinesterase Activity in Acute Thioacetamide-Induced Hepatic Encephalopathy in Rats. <i>PLoS ONE</i> , 2015, 10, e0134434.	1.1	14
20	Short-term sleep fragmentation enhances anxiety-related behavior: The role of hormonal alterations. <i>PLoS ONE</i> , 2019, 14, e0218920.	1.1	14
21	The correlation between lipid peroxidation in different brain regions and the severity of lindane-induced seizures in rats. <i>Molecular and Cellular Biochemistry</i> , 2010, 333, 243-250.	1.4	13
22	Effect of acute lindane and alcohol intoxication on serum concentration of enzymes and fatty acids in rats. <i>Food and Chemical Toxicology</i> , 2008, 46, 1739-1743.	1.8	12
23	Inhibition of the Neuronal Nitric Oxide Synthase Potentiates Homocysteine Thiolactone- Induced Seizures in Adult Rats. <i>Medicinal Chemistry</i> , 2012, 8, 59-64.	0.7	12
24	Nonalcoholic Fatty Liver Disease in Patients with Polycystic Ovary Syndrome. <i>Current Pharmaceutical Design</i> , 2019, 24, 4593-4597.	0.9	12
25	Influence of NR2B-Selective NMDA Antagonist on Lindane-Induced Seizures in Rats. <i>Pharmacology</i> , 2009, 84, 234-239.	0.9	11
26	Anticonvulsive Effect of Folic Acid in Homocysteine Thiolactone-Induced Seizures. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 1221-1228.	1.7	11
27	Moderate body hypothermia alleviates behavioral and EEG manifestations of audiogenic seizures in metaphit-treated rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2007, 85, 1032-1037.	0.7	10
28	Oxidative stress in liver and red blood cells in acute lindane toxicity in rats. <i>Human and Experimental Toxicology</i> , 2009, 28, 747-757.	1.1	10
29	Paradoxical sleep deprivation potentiates epilepsy induced by homocysteine thiolactone in adult rats. <i>Experimental Biology and Medicine</i> , 2013, 238, 77-83.	1.1	10
30	Moderate hyperhomocysteinemia induced by short-term dietary methionine overload alters bone microarchitecture and collagen features during growth. <i>Life Sciences</i> , 2017, 191, 9-16.	2.0	10
31	The effects of l-cysteine and N-acetyl-l-cysteine on homocysteine metabolism and haemostatic markers, and on cardiac and aortic histology in subchronically methionine-treated Wistar male rats. <i>Molecular and Cellular Biochemistry</i> , 2019, 451, 43-54.	1.4	10
32	Hyperhomocysteinemia induced by methionine dietary nutritional overload modulates acetylcholinesterase activity in the rat brain. <i>Molecular and Cellular Biochemistry</i> , 2014, 396, 99-105.	1.4	9
33	The effect of subchronic supplementation with folic acid and l-arginine on homocysteine-induced seizures. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 1083-1089.	0.7	9
34	Sleep disruption increases seizure susceptibility: Behavioral and EEG evaluation of an experimental model of sleep apnea. <i>Physiology and Behavior</i> , 2016, 155, 188-194.	1.0	9
35	ANTICONVULSANT, BUT NOT ANTIEPILEPTIC, ACTION OF VALPROATE ON AUDIOGENIC SEIZURES IN METAPHIT-TREATED RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, 1010-1015.	0.9	8
36	Ontogenetic influence on rat susceptibility to lindane seizure after pretreatment with phencyclidine. <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 161-170.	2.0	8

#	ARTICLE	IF	CITATIONS
37	Delta-Sleep-Inducing Peptide Potentiates Anticonvulsive Activity of Valproate against Metaphit-Provoked Audiogenic Seizure in Rats. <i>Pharmacology</i> , 2006, 77, 78-84.	0.9	7
38	The effect of N-methyl-D-aspartate receptor antagonists on D,L-homocysteine thiolactone induced seizures in adult rats. <i>Acta Physiologica Hungarica</i> , 2011, 98, 17-26.	0.9	7
39	The effect of subchronic supplementation with folic acid on homocysteine induced seizures. <i>Acta Physiologica Hungarica</i> , 2015, 102, 151-162.	0.9	7
40	Sulfur â€“ Containing Amino Acids in Seizures: Current State of the Art. <i>Current Medicinal Chemistry</i> , 2018, 25, 378-390.	1.2	7
41	Gaseous neurotransmitter nitric oxide: Its role in experimental models of epilepsy. <i>Archives of Biological Sciences</i> , 2012, 64, 1207-1216.	0.2	7
42	Interaction of Delta Sleep-inducing Peptide and Valproate on Metaphit Audiogenic Seizure Model in Rats. <i>Cellular and Molecular Neurobiology</i> , 2007, 27, 923-932.	1.7	6
43	Modulations of rabbit erythrocyte ATPase activities induced by inÂvitro and inÂvivo exposure to ethanol. <i>Molecular and Cellular Biochemistry</i> , 2008, 308, 111-116.	1.4	6
44	Spectral analysis of thioacetamide-induced electroencephalographic changes in rats. <i>Human and Experimental Toxicology</i> , 2013, 32, 90-100.	1.1	6
45	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.	1.9	6
46	Multidisciplinary approach to nitric oxide signaling: Focus on gastrointestinal and central nervous system. <i>Vojnosanitetski Pregled</i> , 2015, 72, 619-624.	0.1	6
47	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.	1.1	5
48	Alterations of medial prefrontal cortex bioelectrical activity in experimental model of isoprenaline-induced myocardial infarction. <i>PLoS ONE</i> , 2020, 15, e0232530.	1.1	5
49	Experimental chronic sleep fragmentation alters seizure susceptibility and brain levels of interleukins 1Î² and 6. <i>Acta Neurobiologiae Experimentalis</i> , 2021, 81, 96-109.	0.4	5
50	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.	0.7	4
51	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.	0.2	4
52	The central nervous system is not imunoprivileged: Inflammation and epileptogenesis. <i>Vojnosanitetski Pregled</i> , 2018, 75, 820-825.	0.1	4
53	Novel Assessment Tool For Coronary Artery Disease Severity During Screening Mammography. <i>Health Care for Women International</i> , 2018, 39, 1075-1089.	0.6	3
54	Behavioral and electroencephalographic manifestations of thioacetamide-induced encephalopathy: Possible mechanisms of neurotoxic effects. <i>Archives of Biological Sciences</i> , 2012, 64, 829-841.	0.2	3

#	ARTICLE	IF	CITATIONS
55	Dose-dependent anticonvulsive effect of ethanol on lindane-induced seizures in rats This 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, 148-152.	0.7	2
56	The effects of hydrogen sulfide synthesis inhibition in lindane-induced seizures in rats: A behavioral and EEG study. Archives of Biological Sciences, 2020, 72, 457-463.	0.2	2
57	Modulation of Epileptic Activity in Rats: Focus on Sleep, Physical Exercise and Nitric Oxide-mediated Neurotransmission in a Model of Homocysteine Thiolactone-induced Seizures. Serbian Journal of Experimental and Clinical Research, 2014, 15, 3-10.	0.2	1
58	The Influence of Finasteride on Mean and Relative Spectral Density of EEG Bands in Rat Model of Thioacetamide-Induced Hepatic Encephalopathy. Neurotoxicity Research, 2016, 30, 150-158.	1.3	1
59	Does valproate act as an anticonvulsant or antiepileptic on metaphit-induced seizure in rats?. Acta Veterinaria, 2006, 56, 81-89.	0.2	1
60	Modulatory effects of delta sleep-inducing peptide in a lindane model of generalized seizures. Archives of Biological Sciences, 2018, 70, 559-566.	0.2	1
61	Neurophysiology of stress: From historical to modern approach. , 2022, 55, 51-57.		1
62	Valproate and delta-sleep peptide display high efficacy against metaphit-induced audiogenic seizure in rats. Acta Physiologica Hungarica, 2006, 93, 303-314.	0.9	0
63	Beneficial effects of delta sleep inducing peptide on metaphit seizures. Acta Veterinaria, 2007, 57, 89-101.	0.2	0
64	Acute ST-elevation myocardial infarction (STEMI) in a patient with a single coronary artery successfully treated with primary percutaneous coronary intervention. Srpski Arhiv Za Celokupno Lekarstvo, 2017, 145, 70-72.	0.1	0
65	Folic acid supplementation alleviates behavioral manifestations of lindane-induced seizures. Archives of Biological Sciences, 2019, 71, 403-408.	0.2	0
66	The effects of acutely and subchronically applied DL-methionine on plasma oxidative stress markers and activity of acetylcholinesterase in rat cardiac tissue. Vojnosanitetski Pregled, 2020, 77, 165-173.	0.1	0
67	Basic characteristics of EEG epileptiform discharges triggered by lindane in a model of experimental prostatitis. Medicinski Podmladak, 2022, 73, 13-19.	0.2	0