Ana-Maria Zagrean

List of Publications by Year
in descending order

47	939	623188 14	476904 29
papers	citations	h-index	g-index

50	50	50	1397
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Melatoninâ€™s Impact on Antioxidative and Anti-Inflammatory Reprogramming in Homeostasis and Disease. Biomolecules, 2020, 10, 1211.	1.8	143
2	Multicellular Crosstalk Between Exosomes and the Neurovascular Unit After Cerebral Ischemia. Therapeutic Implications. Frontiers in Neuroscience, 2018, 12, 811.	1.4	122
3	Oxidative damage following cerebral ischemia depends on reperfusion - a biochemical study in rat. Journal of Cellular and Molecular Medicine, 2001, 5, 163-170.	1.6	118
4	Multimodal Approaches for Regenerative Stroke Therapies: Combination of Granulocyte Colony-Stimulating Factor with Bone Marrow Mesenchymal Stem Cells is Not Superior to G-CSF Alone. Frontiers in Aging Neuroscience, 2014, 6, 130.	1.7	66
5	Oxytocin is neuroprotective against oxygenâ€“glucose deprivation and reoxygenation in immature hippocampal cultures. Neuroscience Letters, 2010, 477, 15-18.	1.0	55
6	Chemogenetic Recruitment of Specific Interneurons Suppresses Seizure Activity. Frontiers in Cellular Neuroscience, 2018, 12, 293.	1.8	46
7	Capsaicin and Gut Microbiota in Health and Disease. Molecules, 2020, 25, 5681.	1.7	41
8	Behavioral and molecular effects of prenatal continuous light exposure in the adult rat. Brain Research, 2016, 1650, 51-59.	1.1	40
9	Getting an Early Start in Understanding Perinatal Asphyxia Impact on the Cardiovascular System. Frontiers in Pediatrics, 2020, 8, 68.	0.9	37
10	Endogenous Activation of Adenosine A1 Receptors Accelerates Ischemic Suppression of Spontaneous Electrocortical Activity. Journal of Neurophysiology, 2006, 96, 2809-2814.	0.9	23
11	Trans-resveratrol enriched maternal diet protects the immature hippocampus from perinatal asphyxia in rats. Neuroscience Letters, 2017, 653, 308-313.	1.0	23
12	Oscillatory Cortical Activity in an Animal Model of Dystonia Caused by Cerebellar Dysfunction. Frontiers in Cellular Neuroscience, 2018, 12, 390.	1.8	20
13	Endogenous Activation of adenosine A1 receptors promotes post-ischemic electrocortical burst suppression. Neuroscience, 2009, 159, 1070-1078.	1.1	18
14	Oxytocin Reduces Seizure Burden and Hippocampal Injury in a Rat Model of Perinatal Asphyxia. Acta Endocrinologica, 2018, 14, 315-319.	0.1	17
15	Plasmatic Levels of Neuropeptides, Including Oxytocin, in Children with Autism Spectrum Disorder, Correlate with the Disorder Severity. Acta Endocrinologica, 2019, 15, 16-24.	0.1	15
16	Developmental exposure to ethanol increases the neuronal vulnerability to oxygenâ€“glucose deprivation in cerebellar granule cell cultures. Brain Research, 2015, 1614, 1-13.	1.1	14
17	A Broader Perspective on Anti-Ro Antibodies and Their Fetal Consequencesâ€”A Case Report and Literature Review. Diagnostics, 2020, 10, 478.	1.3	13
18	Delayed ischemic electrocortical suppression during rapid repeated cerebral ischemia and kainate-induced seizures in rat. European Journal of Neuroscience, 2006, 23, 2135-2144.	1.2	12

#	ARTICLE	IF	CITATIONS
19	Separation and Identification of Glycoforms by Capillary Electrophoresis with Electrospray Ionization Mass Spectrometric Detection. Methods in Molecular Biology, 2013, 951, 145-169.	0.4	12
20	Endogenous adenosine A1 receptor activation underlies the transient post-ischemic rhythmic delta EEG activity. Clinical Neurophysiology, 2011, 122, 1117-1126.	0.7	11
21	Reduced Interhemispheric Coherence after Cerebellar Vermis Output Perturbation. Brain Sciences, 2020, 10, 621.	1.1	10
22	Intranasal administration of oxytocin alters sleep architecture. Biological Rhythm Research, 2014, 45, 69-75.	0.4	9
23	Electro-cortical signs of early neuronal damage following transient global cerebral ischemia in rat. Journal of Cellular and Molecular Medicine, 2004, 8, 135-140.	1.6	8
24	Maternal High-Fat Diet Modifies the Immature Hippocampus Vulnerability to Perinatal Asphyxia in Rats. Neonatology, 2018, 114, 355-361.	0.9	8
25	Oxytocin and vasopressin in the hippocampus. Vitamins and Hormones, 2022, 118, 83-127.	0.7	7
26	Early electrocortical changes consistent with ischemic preconditioning in rat. Journal of Cellular and Molecular Medicine, 2000, 4, 215-223.	1.6	6
27	Ethanol exposed maturing rat cerebellar granule cells show impaired energy metabolism and increased cell death after oxygen-glucose deprivation. Neural Regeneration Research, 2019, 14, 485.	1.6	6
28	Electrical Stimulation in the Claustrum Area Induces a Deepening of Isoflurane Anesthesia in Rat. Brain Sciences, 2019, 9, 304.	1.1	5
29	Lipid Profile Changes Induced by Chronic Administration of Anabolic Androgenic Steroids and Taurine in Rats. Medicina (Lithuania), 2019, 55, 540.	0.8	5
30	Neuronal Transmembrane Chloride Transport Has a Time-Dependent Influence on Survival of Hippocampal Cultures to Oxygen-Glucose Deprivation. Brain Sciences, 2019, 9, 360.	1.1	5
31	Reduced Interhemispheric Coherence in Cerebellar Kainic Acid-Induced Lateralized Dystonia. Frontiers in Neurology, 2020, 11, 580540.	1.1	4
32	The Prevalence of Underweight, Overweight and Obesity in a Romanian Population in the First Trimester of Pregnancy â€“ Clinical Implications. Acta Endocrinologica, 2019, 15, 323-332.	0.1	4
33	Maternal Citicoline-Supplemented Diet Improves the Response of the Immature Hippocampus to Perinatal Asphyxia in Rats. Neonatology, 2020, 117, 729-735.	0.9	4
34	A method to assess the default EEG macrostate and its reactivity to stimulation. Clinical Neurophysiology, 2022, 134, 50-64.	0.7	3
35	Still life: cerebellar neurons in early apoptosis. Journal of Cellular and Molecular Medicine, 2000, 4, 228-228.	1.6	2
36	EEG Assessment of Consciousness Rebooting from Coma. Springer Series in Cognitive and Neural Systems, 2017, , 361-381.	0.1	2

#	Article	IF	Citations
37	Changes of cortical connectivity during deep anaesthesia. Romanian Journal of Anaesthesia and Intensive Care, 2015, 22, 83-88.	0.3	2
38	The Pineal Gland and its Function in Pregnancy and Lactation. , 2020, , 15-37.		1
39	Pineal Gland Disorders and Circadian Rhythm Alterations in Pregnancy and Lactation. , 2020, , 241-257.		1
40	The relationship between respiratory sinus arrhythmia and heart rate during anesthesia in rat. Romanian Journal of Physiology: Physiological Sciences / [academia De Stiinte Medicale], 2004, 41, 31-9.	0.0	1
41	Blood-Brain Barrier and Cognitive Function. Springer Series in Cognitive and Neural Systems, 2017, , 713-740.	0.1	0
42	The Pineal Gland Development and its Physiology in Fetus and Neonate. , 2020, , 547-561.		0
43	Correlation between Heart Rate Variability and Claustrum Stimulation â€“ Hypothesis, Experimental Studies and Future Perspectives. Revista Romana De Cardiologie, 2021, 31, 529-536.	0.0	0
44	Chronic Caffeineâ€™s Effects on Behavioural Changes in Streptozotocininduced Diabetic Rats. Acta Endocrinologica, 2016, 12, 268-274.	0.1	0
45	Inhalation versus intraperitoneal oxytocin administration in Swiss-Albino Mice. Discoveries Reports, 0, 2, e5.	1.5	0
46	ECoG spectrum changes at different xenon-isoflurane anaesthesia depths. Romanian Journal of Anaesthesia and Intensive Care, 2017, 24, 41-46.	0.3	0
47	Maternal-Fetal and Neonatal Endocrinology: Physiology, Pathophysiology, and Clinical Management 1st Edition. Acta Endocrinologica, 2020, 16, 274-274.	0.1	0