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List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

2,102
citations

218592

26
h-index

289141

40
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94
all docs

94
docs citations

94
times ranked

2399
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult Hippocampal Neurogenesis: Regulation and Possible Functional and Clinical Correlates. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 44.	0.9	124
2	Chronic Alcohol Consumption and Withdrawal Do Not Induce Cell Death in the Suprachiasmatic Nucleus, But Lead to Irreversible Depression of Peptide Immunoreactivity and mRNA Levels. <i>Journal of Neuroscience</i> , 1997, 17, 1302-1319.	1.7	101
3	Effects of hypothyroidism upon the granular layer of the dentate gyrus in male and female adult rats: A morphometric study. <i>Journal of Comparative Neurology</i> , 1991, 314, 171-186.	0.9	96
4	Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. <i>NeuroImage</i> , 2021, 243, 118502.	2.1	94
5	Behavioral effects of protein deprivation and rehabilitation in adult rats: relevance to morphological alterations in the hippocampal formation. <i>Behavioural Brain Research</i> , 2000, 112, 85-97.	1.2	73
6	Green tea averts age-dependent decline of hippocampal signaling systems related to antioxidant defenses and survival. <i>Free Radical Biology and Medicine</i> , 2010, 48, 831-838.	1.3	72
7	Chronic green tea consumption prevents age-related changes in rat hippocampal formation. <i>Neurobiology of Aging</i> , 2011, 32, 707-717.	1.5	59
8	Arcuate nucleus of the hypothalamus: Effects of age and sex. , 1998, 401, 65-88.		58
9	Red wine antioxidants protect hippocampal neurons against ethanol-induced damage: A biochemical, morphological and behavioral study. <i>Neuroscience</i> , 2007, 146, 1581-1592.	1.1	55
10	Effects of age and sex on the water maze performance and hippocampal cholinergic fibers in rats. <i>Neuroscience Letters</i> , 1999, 269, 141-144.	1.0	54
11	Protective Effects of Chronic Green Tea Consumption on Age-related Neurodegeneration. <i>Current Pharmaceutical Design</i> , 2012, 18, 4-14.	0.9	51
12	Influence of non-steroidal anti-inflammatory drugs on renal function and 24 h ambulatory blood pressure-reducing effects of enalapril and nifedipine gastrointestinal therapeutic system in hypertensive patients. <i>Journal of Hypertension</i> , 1995, 13, 925-931.	0.3	50
13	Nutritional and Lifestyle Interventions for Age-Related Macular Degeneration: A Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	46
14	Cell loss in the cerebellum and hippocampal formation of adult rats after long-term low-protein diet. <i>Experimental Neurology</i> , 1989, 103, 186-193.	2.0	45
15	The dendritic trees of neurons from the hippocampal formation of protein-deprived adult rats. A quantitative Golgi study. <i>Experimental Brain Research</i> , 1996, 109, 419-33.	0.7	42
16	Protein malnutrition alters the cholinergic and GABAergic systems of the hippocampal formation of the adult rat: an immunocytochemical study. <i>Neuroscience Letters</i> , 1996, 211, 211-215.	1.0	41
17	Cafeteria-diet effects on cognitive functions, anxiety, fear response and neurogenesis in the juvenile rat. <i>Neurobiology of Learning and Memory</i> , 2018, 155, 197-207.	1.0	38
18	Restricted feeding facilitates timeâ€“place learning in adult rats. <i>Behavioural Brain Research</i> , 2002, 134, 283-290.	1.2	34

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19	Loss of Hippocampal Neurons after Kainate Treatment Correlates with Behavioral Deficits. PLoS ONE, 2014, 9, e84722.	1.1	33
20	Effects of chronic alcohol consumption on the cholinergic innervation of the rat hippocampal formation as revealed by choline acetyltransferase immunocytochemistry. Neuroscience, 1995, 64, 357-374.	1.1	32
21	Sexual dimorphism in the subiculum of the rat hippocampal formation. Brain Research, 2000, 875, 125-137.	1.1	32
22	Long-term low-protein diet reduces the number of hippocampal mossy fiber synapses. Experimental Neurology, 1991, 112, 119-124.	2.0	30
23	Impaired water maze navigation of Wistar rats with retrosplenial cortex lesions: effect of nonspatial pretraining. Behavioural Brain Research, 2005, 158, 175-182.	1.2	30
24	Neuroanatomy: The added value of the Klingler method. Annals of Anatomy, 2016, 208, 187-193.	1.0	30
25	Non-steroidal anti-inflammatory drugs (NSAIDs), pain and aging: Adjusting prescription to patient features. Biomedicine and Pharmacotherapy, 2022, 150, 112958.	2.5	28
26	Chronic food restriction is associated with subtle dendritic alterations in granule cells of the rat hippocampal formation. Hippocampus, 2002, 12, 149-164.	0.9	27
27	Protective effects of a catechin-rich extract on the hippocampal formation and spatial memory in aging rats. Behavioural Brain Research, 2013, 246, 94-102.	1.2	27
28	<scpd>-Galactose High-Dose Administration Failed to Induce Accelerated Aging Changes in Neurogenesis, Anxiety, and Spatial Memory on Young Male Wistar Rats. Rejuvenation Research, 2015, 18, 497-507.	0.9	27
29	The Effects of Piracetam on Lipofuscin of the Rat Cerebellar and Hippocampal Neurons after Long-Term Alcohol Treatment and Withdrawal: A Quantitative Study. Alcoholism: Clinical and Experimental Research, 1991, 15, 834-838.	1.4	24
30	Effects of chronic alcohol consumption and withdrawal on the somatostatin-immunoreactive neurons of the rat hippocampal dentate hilus. Hippocampus, 1992, 2, 65-71.	0.9	24
31	Loss of synapses in the entorhinalâ€dentate gyrus pathway following repeated induction of electroshock seizures in the rat. Journal of Neuroscience Research, 2008, 86, 71-83.	1.3	24
32	Caloric restriction in young rats disturbs hippocampal neurogenesis and spatial learning. Neurobiology of Learning and Memory, 2016, 133, 214-224.	1.0	24
33	Nerve growth factor restores mRNA levels and the expression of neuropeptides in the suprachiasmatic nucleus of rats submitted to chronic ethanol treatment and withdrawal. Journal of Neurocytology, 2001, 30, 195-207.	1.6	22
34	Chronic Green Tea Consumption Decreases Body Mass, Induces Aromatase Expression, and Changes Proliferation and Apoptosis in Adult Male Rat Adipose Tissue. Journal of Nutrition, 2008, 138, 2156-2163.	1.3	22
35	Red Wine Protects against Ethanol-Induced Oxidative Stress in Rat Liver. Journal of Agricultural and Food Chemistry, 2009, 57, 6066-6073.	2.4	22
36	Evidence of reorganization in the hippocampal mossy fiber synapses of adult rats rehabilitated after prolonged undernutrition. Experimental Brain Research, 1995, 104, 249-61.	0.7	21

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37	Piracetam promotes mossy fiber synaptic reorganization in rats withdrawn from alcohol. <i>Alcohol</i> , 1996, 13, 239-249.	0.8	21
38	Multidimensional scaling analysis of virus diseases. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 131, 97-110.	2.6	21
39	INTRACEREBRAL GRAFTING IMPEDES HIPPOCAMPAL CELL LOSS DURING WITHDRAWAL AFTER LONG-TERM ALCOHOL CONSUMPTION IN RATS. <i>Alcohol and Alcoholism</i> , 1991, 26, 177-190.	0.9	20
40	Hypertrophy of the ageing rat medial preoptic nucleus. <i>Journal of Neurocytology</i> , 2000, 29, 173-197.	1.6	20
41	Prolonged protein deprivation differentially affects calretinin- and parvalbumin-containing interneurons in the hippocampal dentate gyrus of adult rats. <i>Neuroscience Letters</i> , 2013, 555, 154-158.	1.0	19
42	Protective action of green tea catechins in neuronal mitochondria during aging. <i>Frontiers in Bioscience - Landmark</i> , 2015, 20, 247-262.	3.0	19
43	Prognostic effect of the new 5-factor modified frailty index in patients undergoing carotid endarterectomy with regional anesthesia – A prospective cohort study. <i>International Journal of Surgery</i> , 2020, 80, 27-34.	1.1	19
44	Low levels of brain-derived neurotrophic factor and tyrosine kinase receptor B are related to loss of dentate granule cells after prolonged low-protein feeding in the rat. <i>Neuroscience Letters</i> , 2002, 330, 155-158.	1.0	18
45	THE GABAERGIC SYSTEM OF THE DENTATE GYRUS AFTER WITHDRAWAL FROM CHRONIC ALCOHOL CONSUMPTION: EFFECTS OF INTRACEREBRAL GRAFTING AND PUTATIVE NEUROPROTECTIVE AGENTS. <i>Alcohol and Alcoholism</i> , 1997, 32, 471-484.	0.9	17
46	Effects of food restriction on synthesis and expression of brain-derived neurotrophic factor and tyrosine kinase B in dentate gyrus granule cells of adult rats. <i>Neuroscience Letters</i> , 2006, 399, 135-140.	1.0	17
47	Computational analysis of the SARS-CoV-2 and other viruses based on the Kolmogorov's complexity and Shannon's information theories. <i>Nonlinear Dynamics</i> , 2020, 101, 1731-1750.	2.7	17
48	Timed hypocaloric food restriction alters the synthesis and expression of vasopressin and vasoactive intestinal peptide in the suprachiasmatic nucleus. <i>Brain Research</i> , 2004, 1022, 226-233.	1.1	15
49	Effects of Chronic Red Wine Consumption on the Expression of Vascular Endothelial Growth Factor, Angiotensin 1, Angiotensin 2, and Its Receptors in Rat Erectile Tissue. <i>Journal of Food Science</i> , 2010, 75, H79-86.	1.5	15
50	FLAVONOIDS FROM GRAPE SEEDS PREVENT INCREASED ALCOHOL-INDUCED NEURONAL LIPOFUSCIN FORMATION. <i>Alcohol and Alcoholism</i> , 2004, 39, 303-311.	0.9	14
51	Old-onset caloric restriction effects on neuropeptide Y- and somatostatin-containing neurons and on cholinergic varicosities in the rat hippocampal formation. <i>Age</i> , 2014, 36, 9737.	3.0	14
52	Altered taste preference and loss of limbic-projecting serotonergic neurons in the dorsal raphe nucleus of chronically epileptic rats. <i>Behavioural Brain Research</i> , 2016, 297, 28-36.	1.2	14
53	Prognostic effect of troponin elevation in patients undergoing carotid endarterectomy with regional anesthesia – A prospective study. <i>International Journal of Surgery</i> , 2019, 71, 66-71.	1.1	14
54	Time scale and extent of neuronal and synaptic loss in the hippocampal formation of malnourished adult rats. <i>Brain Research</i> , 1996, 718, 1-12.	1.1	13

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55	Differential vulnerability of the subiculum and entorhinal cortex of the adult rat to prolonged protein deprivation. <i>Hippocampus</i> , 1998, 8, 33-47.	0.9	13
56	Does regular consumption of green tea influence expression of vascular endothelial growth factor and its receptor in aged rat erectile tissue? Possible implications for vasculogenic erectile dysfunction progression. <i>Age</i> , 2008, 30, 217-228.	3.0	13
57	Intracerebral grafts promote recovery of the cholinergic innervation of the hippocampal formation in rats withdrawn from chronic alcohol intake. An immunocytochemical study. <i>Neuroscience</i> , 1997, 79, 383-397.	1.1	12
58	Benefit of selective shunt use during carotid endarterectomy under regional anesthesia. <i>Vascular</i> , 2020, 28, 505-512.	0.4	12
59	Serum vitamin D and age-related macular degeneration: Systematic review and meta-analysis. <i>Survey of Ophthalmology</i> , 2021, 66, 183-197.	1.7	11
60	Red Wine, but not Port Wine, Protects Rat Hippocampal Dentate Gyrus Against Ethanol-Induced Neuronal Damage--Relevance of the Sugar Content. <i>Alcohol and Alcoholism</i> , 2008, 43, 408-415.	0.9	10
61	Red Blood Cell Distribution Width as a 5-Year Prognostic Marker in Patients Submitted to Carotid Endarterectomy. <i>Cerebrovascular Diseases Extra</i> , 2020, 10, 181-192.	0.5	9
62	Apoptosis and (in) Painê”Potential Clinical Implications. <i>Biomedicines</i> , 2022, 10, 1255.	1.4	9
63	Long-Term Alcohol Consumption Reduces the Number of Neuronal Nuclear Pores. A Morphometric Study Undertaken in CA3 Hippocampal Pyramids of Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 1988, 12, 286-289.	1.4	8
64	Prolonged protein deprivation, but not food restriction, affects parvalbumin-containing interneurons in the dentate gyrus of adult rats. <i>Brain Research</i> , 2013, 1522, 22-30.	1.1	8
65	Curricular changes: the impact on medical students knowledge of neuroanatomy. <i>BMC Medical Education</i> , 2020, 20, 20.	1.0	8
66	Development and validation of a liquid chromatography method using UV/fluorescence detection for the quantitative determination of metabolites of the kynurenine pathway in human urine: Application to patients with heart failure. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 198, 113997.	1.4	8
67	Neurosurgical relevance of the dissection of the diencephalic white matter tracts using the Klingler technique. <i>Clinical Neurology and Neurosurgery</i> , 2017, 156, 35-40.	0.6	6
68	Impact of intraoperative neurologic deficits in carotid endarterectomy under regional anesthesia. <i>Scandinavian Cardiovascular Journal</i> , 2021, 55, 180-186.	0.4	6
69	Advances in the computational analysis of SARS-COV2 genome. <i>Nonlinear Dynamics</i> , 2021, 106, 1525-1555.	2.7	6
70	Neurosurgical anatomy of the insular cortex. <i>Clinical Neurology and Neurosurgery</i> , 2019, 186, 105530.	0.6	5
71	Efficacy of near-infrared spectroscopy cerebral oximetry on detection of critical cerebral perfusion during carotid endarterectomy under regional anesthesia. <i>Vasa - European Journal of Vascular Medicine</i> , 2020, 49, 367-374.	0.6	5
72	Red blood cell distribution width is associated with hypoperfusion in carotid endarterectomy under regional anesthesia. <i>Surgery</i> , 2021, 169, 1536-1543.	1.0	4

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73	Neurosurgical anatomy of the floor of the third ventricle and related vascular structures. Surgical and Radiologic Anatomy, 2021, 43, 1915-1925.	0.6	4
74	Myocardial injury after aortoiliac revascularization for extensive disease: A survival analysis. Turkish Journal of Thoracic and Cardiovascular Surgery, 2020, 28, 426-434.	0.2	4
75	MEAN PLATELET VOLUME PREDICTS RESTENOSIS AFTER CAROTID ENDARTERECTOMY. Annals of Vascular Surgery, 2021, , .	0.4	3
76	Medical Photography Usage Amongst Doctors at a Portuguese Hospital. International Journal of Environmental Research and Public Health, 2022, 19, 7304.	1.2	2
77	Green Tea Effects on Age-Related Neurodegeneration. , 2015, , 915-924.		1
78	High-sucrose diet effects on the dendritic trees of developing neurons of the adolescent rat. Porto Biomedical Journal, 2017, 2, 179-180.	0.4	1
79	Morphology and Navigational Landmarks of the Cranio-orbital Foramen in a Portuguese Population. Ophthalmic Plastic and Reconstructive Surgery, 2019, 35, 141-147.	0.4	1
80	Contralateral Carotid Stenosis is a Predictor of Long-term Adverse Events in Carotid Endarterectomy. Annals of Vascular Surgery, 2022, 79, 247-255.	0.4	1
81	Management of The Carotid Artery Stenosis in Asymptomatic Patients. Revista Portuguesa De Cirurgia Cardio-torácica E Vascular: Órgão Oficial Da Sociedade Portuguesa De Cirurgia Cardio-Torácica E Vascular, 2020, 27, 159-166.	0.1	1
82	Green Tea and Protection of the Brain Against Aging. , 2013, , 1337-1348.		0
83	Cafeteria-diet effects on learning and memory, anxiety and fear response of the adolescent rat. Porto Biomedical Journal, 2017, 2, 180-181.	0.4	0
84	d-Galactose high-dose administration and oral epigallocatechin-3-gallate effects on the dendritic trees of developing neurons of young male rats. Porto Biomedical Journal, 2017, 2, 201-202.	0.4	0
85	Chronic green tea or catechin treatment ameliorate rat hippocampal formation oxidative status. FASEB Journal, 2007, 21, A323.	0.2	0
86	Chronic green tea consumption and adipose tissue aromatase relationship with adipose tissue remodeling. FASEB Journal, 2008, 22, 702.8.	0.2	0
87	Green tea improves hippocampal oxidative status during aging. FASEB Journal, 2008, 22, 890.27.	0.2	0
88	Effect of long-term green tea ingestion on cellular signaling systems related to oxidative stress and survival in the aging rat hippocampal formation. FASEB Journal, 2009, 23, 718.14.	0.2	0
89	The prognostic value of some neglected hematological parameters in carotid artery disease. Revista Portuguesa De Cirurgia Cardio-torácica E Vascular: Órgão Oficial Da Sociedade Portuguesa De Cirurgia Cardio-Torácica E Vascular, 2021, 28, 15-16.	0.1	0
90	Response to the Letter "Mean Platelet Volume May Not Predict Restenosis after Carotid Endarterectomy" from Beyan C. and Beyan E.. Annals of Vascular Surgery, 2022, , .	0.4	0