

Antonios Stamatakis

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,328
citations

304743

22
h-index

414414

32
g-index

64
all docs

64
docs citations

64
times ranked

1780
citing authors

#	ARTICLE	IF	CITATIONS
1	Impairment of learning and memory in TAG-1 deficient mice associated with shorter CNS internodes and disrupted juxtaparanodes. <i>Molecular and Cellular Neurosciences</i> , 2008, 39, 478-490.	2.2	67
2	The Expression of TAG-1 in Glial Cells Is Sufficient for the Formation of the Juxtaparanodal Complex and the Phenotypic Rescue of Tag-1 Homozygous Mutants in the CNS. <i>Journal of Neuroscience</i> , 2010, 30, 13943-13954.	3.6	62
3	Whole body exposure with GSM 900MHz affects spatial memory in mice. <i>Pathophysiology</i> , 2010, 17, 179-187.	2.2	59
4	Enhanced neuronal plasticity and elevated endogenous sAPP β levels in mice overexpressing MMP9. <i>Journal of Neurochemistry</i> , 2012, 121, 239-251.	3.9	57
5	Effect of neonatal handling on adult rat spatial learning and memory following acute stress. <i>Stress</i> , 2008, 11, 148-159.	1.8	56
6	IGF-I ameliorates hippocampal neurodegeneration and protects against cognitive deficits in an animal model of temporal lobe epilepsy. <i>Experimental Neurology</i> , 2011, 231, 223-235.	4.1	48
7	Short-term memory in mice is affected by mobile phone radiation. <i>Pathophysiology</i> , 2011, 18, 193-199.	2.2	43
8	Rat dams exposed repeatedly to a daily brief separation from the pups exhibit increased maternal behavior, decreased anxiety and altered levels of receptors for estrogens (ER 1^{α} , ER 2), oxytocin and serotonin (5-HT $1A$) in their brain. <i>Psychoneuroendocrinology</i> , 2015, 52, 212-228.	2.7	41
9	Control of neuronal nitric oxide synthase and brain-derived neurotrophic factor levels by GABA-A receptors in the developing rat cortex. <i>Developmental Brain Research</i> , 2003, 145, 185-195.	1.7	39
10	Cellular mechanisms underlying an effect of "early handling" on pCREB and BDNF in the neonatal rat hippocampus. <i>Brain Research</i> , 2005, 1052, 187-195.	2.2	35
11	Neural stem/progenitor cells differentiate into oligodendrocytes, reduce inflammation, and ameliorate learning deficits after transplantation in a mouse model of traumatic brain injury. <i>Glia</i> , 2016, 64, 763-779.	4.9	35
12	Gestational exposure to an epidemiologically defined mixture of phthalates leads to gonadal dysfunction in mouse offspring of both sexes. <i>Scientific Reports</i> , 2019, 9, 6424.	3.3	35
13	Cellular mechanisms underlying the effects of an early experience on cognitive abilities and affective states. <i>Annals of General Psychiatry</i> , 2005, 4, 8.	2.7	32
14	Performance of appetitive or consummatory components of male sexual behavior is mediated by different brain areas: a 2-deoxyglucose autoradiographic study. <i>Neuroscience</i> , 1999, 94, 1261-1277.	2.3	30
15	Neuroprotective Effects of IGF-I Following Kainic Acid-Induced Hippocampal Degeneration in the Rat. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 347-360.	3.3	30
16	Subventricular Zone-Derived Neural Stem Cell Grafts Protect Against Hippocampal Degeneration and Restore Cognitive Function in the Mouse Following Intrahippocampal Kainic Acid Administration. <i>Stem Cells Translational Medicine</i> , 2013, 2, 185-198.	3.3	29
17	Hormones, hormonal agents, and neuropeptides involved in the neuroendocrine regulation of sleep in humans. <i>Hormones</i> , 2009, 8, 232-248.	1.9	28
18	A Novel Approach to Chemical Mixture Risk Assessment "Linking Data from Population-Based Epidemiology and Experimental Animal Tests. <i>Risk Analysis</i> , 2019, 39, 2259-2271.	2.7	27

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19	Neonatal Handling and Gender Modulate Brain Monoamines and Plasma Corticosterone Levels following Repeated Stressors in Adulthood. <i>Neuroendocrinology</i> , 2004, 80, 181-191.	2.5	26
20	Effect of neonatal handling on serotonin 1A sub-type receptors in the rat hippocampus. <i>Neuroscience</i> , 2006, 140, 1-11.	2.3	25
21	Long term transcriptional and behavioral effects in mice developmentally exposed to a mixture of endocrine disruptors associated with delayed human neurodevelopment. <i>Scientific Reports</i> , 2020, 10, 9367.	3.3	25
22	Lithium treatment reverses irradiation-induced changes in rodent neural progenitors and rescues cognition. <i>Molecular Psychiatry</i> , 2021, 26, 322-340.	7.9	25
23	Sexually dimorphic long-term effects of an early life experience on AMPA receptor subunit expression in rat brain. <i>Neuroscience</i> , 2014, 257, 49-64.	2.3	24
24	Synergistic effects of early life mild adversity and chronic social defeat on rat brain microglia and cytokines. <i>Physiology and Behavior</i> , 2020, 215, 112791.	2.1	24
25	Learning of a T-maze by rat pups when contact with the mother is either permitted or denied. <i>Neurobiology of Learning and Memory</i> , 2009, 91, 2-12.	1.9	21
26	Laminar pattern of NADPH-diaphorase activity in the developing avian cerebellum. <i>NeuroReport</i> , 1994, 5, 1941-1945.	1.2	20
27	Selective effects of neonatal handling on rat brain N-methyl-d-aspartate receptors. <i>Neuroscience</i> , 2009, 164, 1457-1467.	2.3	19
28	Late granule cell genesis in quail cerebellum. <i>Journal of Comparative Neurology</i> , 2004, 474, 173-189.	1.6	18
29	Long-term effects of neonatal handling on mu-opioid receptor levels in the brain of the offspring. <i>Developmental Psychobiology</i> , 2009, 51, 439-449.	1.6	18
30	TAG-1 deficiency results in olfactory dysfunction due to impaired migration of mitral cells. <i>Development (Cambridge)</i> , 2015, 142, 4318-28.	2.5	18
31	Effects of an early life experience on rat brain cannabinoid receptors in adolescence and adulthood. <i>IBRO Reports</i> , 2018, 5, 1-9.	0.3	18
32	Effects of lesions of the medial preoptic nucleus on the testosterone-induced metabolic changes in specific brain areas in male quail. <i>Neuroscience</i> , 2001, 108, 447-466.	2.3	17
33	Denial of Reward in the Neonate Shapes Sociability and Serotonergic Activity in the Adult Rat. <i>PLoS ONE</i> , 2012, 7, e33793.	2.5	17
34	Effects of interaction of an early experience of reward through maternal contact or its denial with social stress during adolescence on the serotonergic system and the stress responsiveness of adult female rats. <i>Neuroscience</i> , 2012, 209, 84-96.	2.3	15
35	An early experience of mild adversity involving temporary denial of maternal contact affects the serotonergic system of adult male rats and leads to a depressive-like phenotype and inability to adapt to a chronic social stress. <i>Physiology and Behavior</i> , 2018, 184, 46-54.	2.1	14
36	Effects of a Neonatal Experience Involving Reward Through Maternal Contact on the Noradrenergic System of the Rat Prefrontal Cortex. <i>Cerebral Cortex</i> , 2016, 26, 3866-3877.	2.9	13

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37	Passive avoidance learning involves β -2-noradrenergic receptors in a day old chick. <i>NeuroReport</i> , 1998, 9, 1679-1683.	1.2	12
38	Neonatal handling on the first postnatal day leads to increased maternal behavior and fos levels in the brain of the newborn rat. <i>Developmental Psychobiology</i> , 2008, 50, 704-713.	1.6	12
39	Behavioural effects of extracellular matrix protein Fras1 depletion in the mouse. <i>European Journal of Neuroscience</i> , 2021, 53, 3905-3919.	2.6	12
40	A quantitative autoradiographic comparison of binding to glutamate receptor sub-types in hippocampus and forebrain regions of a food-storing and a non-food-storing bird. <i>Behavioural Brain Research</i> , 1998, 98, 89-94.	2.2	11
41	Reward or its denial during the neonatal period affects adult spatial memory and hippocampal phosphorylated cAMP response element-binding protein levels of both the neonatal and adult rat. <i>Neuroscience</i> , 2011, 181, 89-99.	2.3	11
42	Early Signs of Pathological Cognitive Aging in Mice Lacking High-Affinity Nicotinic Receptors. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 91.	3.4	11
43	Exposure to a mildly aversive early life experience leads to prefrontal cortex deficits in the rat. <i>Brain Structure and Function</i> , 2016, 221, 4141-4157.	2.3	11
44	Increased Anxiety-Related Behavior, Impaired Cognitive Function and Cellular Alterations in the Brain of Cend1-deficient Mice. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 497.	3.7	11
45	Sexually dimorphic effects of the Lhx7 null mutation on forebrain cholinergic function. <i>Neuroscience</i> , 2006, 137, 1153-1164.	2.3	10
46	Effects of neonatal handling on the basal forebrain cholinergic system of adult male and female rats. <i>Neuroscience</i> , 2006, 142, 305-314.	2.3	10
47	Cellular mechanisms underlying the effect of a single exposure to neonatal handling on neurotrophin-3 in the brain of 1-day-old rats. <i>Neuroscience</i> , 2007, 148, 349-358.	2.3	9
48	Effects of an Early Experience of Reward through Maternal Contact or its Denial on Laterality of Protein Expression in the Developing Rat Hippocampus. <i>PLoS ONE</i> , 2012, 7, e48337.	2.5	9
49	Effects of denial of reward through maternal contact in the neonatal period on adult hypothalamic-pituitary-adrenal axis function in the rat. <i>Psychoneuroendocrinology</i> , 2013, 38, 830-841.	2.7	9
50	Effects of an early experience of reward through maternal contact or its denial on the dopaminergic system of the rat brain. <i>Neuroscience</i> , 2014, 269, 11-20.	2.3	9
51	Effects of pre- and postnatal exposure to 1880-1900 MHz DECT base radiation on development in the rat. <i>Reproductive Toxicology</i> , 2016, 65, 248-262.	2.9	9
52	Endocrine-disrupting chemicals and behaviour: A high risk to take?. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101517.	4.7	9
53	A novel model of early experiences involving neonatal learning of a T-maze using maternal contact as a reward or its denial as an event of mild emotional adversity. <i>Developmental Psychobiology</i> , 2014, 56, 1651-1660.	1.6	8
54	In utero exposure to phthalates and reproductive toxicity in rodents. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101512.	4.7	8

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55	Effects of Maternal Deprivation on the Prefrontal Cortex of Male Rats: Cellular, Neurochemical, and Behavioral Outcomes. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 666547.	2.0	8
56	Denial or receipt of expected reward through maternal contact during the neonatal period differentially affect the development of the rat amygdala and program its function in adulthood in a sex-dimorphic way. <i>Psychoneuroendocrinology</i> , 2013, 38, 1757-1771.	2.7	7
57	Sex differences in the control of neuronal nitric oxide synthase by GABA-A receptors in the developing rat diencephalon. <i>Brain Research</i> , 2007, 1149, 38-49.	2.2	6
58	Effects of an Early Experience Involving Training in a T-Maze Under either Denial or Receipt of Expected Reward through Maternal Contact. <i>Frontiers in Endocrinology</i> , 2013, 4, 178.	3.5	6
59	The levels of the GluN2A NMDA receptor subunit are modified in both the neonatal and adult rat brain by an early experience involving denial of maternal contact. <i>Neuroscience Letters</i> , 2016, 612, 98-103.	2.1	4
60	Irradiation-induced changes in neural progenitor cells are reversed by lithium: Immature newborn dentate granule neurons display dendritic processes that are either tangential or parallel to the granule cell layer of the dentate gyrus of the hippocampus. <i>Molecular Psychiatry</i> , 2021, 26, 1-2.	7.9	3
61	Differential effects of testosterone on protein synthesis activity in male and female quail brain. <i>Neuroscience</i> , 2004, 123, 647-666.	2.3	2
62	Developmental Aspects of Memory Processes. , 2017, , 403-413.		1
63	Title is missing!. <i>Annals of General Psychiatry</i> , 2003, 2, S150.	0.1	0
64	Expression of D5 dopamine receptors in the walls of the lateral ventricles during the post-weaning rat development. <i>International Journal of Developmental Biology</i> , 2022, , .	0.6	0