Basak Baykara

List of Publications by Year
in descending order

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28 papers	861 citations	516710 16 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	1442 citing authors

#	Article	IF	Citations
1	Neuroprotective effects of resveratrol against traumatic brain injury in immature rats. Neuroscience Letters, 2007, 420, 133-137.	2.1	128
2	Effects of voluntary and involuntary exercise on cognitive functions, and VEGF and BDNF levels in adolescent rats. Biotechnic and Histochemistry, 2015, 90, 55-68.	1.3	114
3	Anxiety correlates to decreased blood and prefrontal cortex IGF-1 levels in streptozotocin induced diabetes. Neuroscience Letters, 2012, 531, 176-181.	2.1	63
4	Maternal treadmill exercise during pregnancy decreases anxiety and increases prefrontal cortex VEGF and BDNF levels of rat pups in early and late periods of life. Neuroscience Letters, 2012, 516, 221-225.	2.1	56
5	The protective effects of carnosine and melatonin in ischemia-reperfusion injury in the rat liver. Acta Histochemica, 2009, 111, 42-51.	1.8	49
6	Positive effects of aerobic exercise on learning and memory functioning, which correlate with hippocampal IGF-1 increase in adolescent rats. Neuroscience Letters, 2013, 549, 177-181.	2.1	49
7	Relationship between circulating IGF-1 levels and traumatic brain injury-induced hippocampal damage and cognitive dysfunction in immature rats. Neuroscience Letters, 2012, 507, 84-89.	2.1	47
8	Acute footshock-stress increases spatial learningâ€“memory and correlates to increased hippocampal BDNF and VEGF and cell numbers in adolescent male and female rats. Neuroscience Letters, 2012, 514, 141-146.	2.1	47
9	Carnosine attenuates oxidative stress and apoptosis in transient cerebral ischemia in rats. Acta Biologica Hungarica, 2009, 60, 137-148.	0.7	39
10	Potential Novel Biomarkers for Diabetic Testicular Damage in Streptozotocin-Induced Diabetic Rats: Nerve Growth Factor Beta and Vascular Endothelial Growth Factor. Disease Markers, 2014, 2014, 1-7.	1.3	32
11	Progesterone treatment decreases traumatic brain injury induced anxiety and is correlated with increased serum IGF-1 levels; prefrontal cortex, amygdala, hippocampus neuron density; and reduced serum corticosterone levels in immature rats. Biotechnic and Histochemistry, 2013, 88, 250-257.	1.3	30
12	Serum IGF-1 levels correlate negatively to liver damage in diabetic rats. Biotechnic and Histochemistry, 2013, 88, 194-201.	1.3	30
13	Anxiety- and depression-like behavior are correlated with leptin and leptin receptor expression in prefrontal cortex of streptozotocin-induced diabetic rats. Biotechnic and Histochemistry, 2014, 89, 161-171.	1.3	30
14	Effects of carbon dioxide exposure on early brain development in rats. Biotechnic and Histochemistry, 2014, 89, 371-383.	1.3	23
15	Exercise increases leptin levels correlated with IGF-1 in hippocampus and prefrontal cortex of adolescent male and female rats. Journal of Chemical Neuroanatomy, 2017, 81, 27-33.	2.1	22
16	The combined treatment with progesterone and magnesium sulfate positively affects the traumatic brain injury in immature rats.. Turkish Neurosurgery, 2012, 23, 129-37.	0.2	19
17	Neuroprotective effects of recombinant human erythropoietin in the developing brain of rat after lithium-pilocarpine induced status epilepticus. Brain and Development, 2012, 34, 189-195.	1.1	14
18	Anxiety caused by traumatic brain injury correlates to decreased prefrontal cortex vegf immunoreactivity and neuron density in immature rats. Turkish Neurosurgery, 2012, 22, 604-10.	0.2	12

#	Article	IF	Citations
19	The effect of exercise on anxiety- and depression-like behavior of aged rats. Biotechnic and Histochemistry, 2020, 95, 8-17.	1.3	11
20	Effects of exercise and poor indoor air quality on learning, memory and blood IGF-1 in adolescent mice. Biotechnic and Histochemistry, 2014, 89, 126-135.	1.3	9
21	The protective effects of carnosine in alcohol-induced hepatic injury in rats. Toxicology and Industrial Health, 2014, 30, 25-32.	1.4	9
22	Structural deteriorations of the human peritoneum during laparoscopic cholecystectomy. A transmission electron microscopic study. Surgical Endoscopy and Other Interventional Techniques, 2013, 27, 2744-2750.	2.4	8
23	Effects of administration of subtoxic doses of acetaminophen on liver and blood levels of insulin-like growth factor-1 in rats. Toxicology and Industrial Health, 2016, 32, 39-46.	1.4	7
24	Dose dependent effects of oxytocin on cognitive defects and anxiety disorders in adult rats following acute infantile maternal deprivation stress. Biotechnic and Histochemistry, 2019, 94, 469-480.	1.3	6
25	Preparation of131I-Pyrimethamine and evaluation for scintigraphy of experimentallyToxoplasma gondii-infected rats. Journal of Drug Targeting, 2013, 21, 175-179.	4.4	4
26	Prophylactic and Therapeutic Effects of Carnosine in Ischemia Reperfusion Injury of Liver. Turkiye Klinikleri Journal of Medical Sciences, 2010, 30, 1896-1905.	0.1	2
27	Maternal Hypothyroidism and Its Rolein the Placenta: A Morphometric andImmunohistochemical Study. Turkiye Klinikleri Journal of Medical Sciences, 2010, 30, 970-977.	0.1	1
28	The role of serotonin and serotonin 2A receptor in the anxiety due to traumatic brain injury in immature rats. Anadolu Psikiyatri Dergisi, 2019, , 1.	0.3	0