

# Aysegul Kapucu

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

482  
citations

759233

12  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

808  
citing authors

#	ARTICLE	IF	CITATIONS
1	Erythropoietin pretreatment suppresses seizures and prevents the increase in inflammatory mediators during pentylenetetrazole-induced generalized seizures. <i>International Journal of Neuroscience</i> , 2014, 124, 762-770.	1.6	107
2	The renal microcirculation in sepsis. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 169-177.	0.7	57
3	Long term consequences on spatial learning-memory of low-calorie diet during adolescence in female rats; hippocampal and prefrontal cortex BDNF level, expression of NeuN and cell proliferation in dentate gyrus. <i>Brain Research</i> , 2015, 1618, 194-204.	2.2	53
4	Apoptosis-inducing effects of <i>Morinda citrifolia</i> L. and doxorubicin on the Ehrlich ascites tumor in Balb/c mice. <i>Cell Biochemistry and Function</i> , 2009, 27, 542-546.	2.9	41
5	Blood transfusion improves renal oxygenation and renal function in sepsis-induced acute kidney injury in rats. <i>Critical Care</i> , 2016, 20, 406.	5.8	32
6	Crocetin ameliorates oxidative stress and suppresses renal damage in streptozotocin induced diabetic male rats. <i>Biotechnic and Histochemistry</i> , 2021, 96, 153-160.	1.3	26
7	Hexokinase cellular trafficking in ischemia-reperfusion and ischemic preconditioning is altered in type I diabetic heart. <i>Molecular Biology Reports</i> , 2013, 40, 4153-4160.	2.3	23
8	Aromatase cytochrome P450 enzyme expression in prolactinomas and its relationship to tumor behavior. <i>Pituitary</i> , 2013, 16, 386-392.	2.9	19
9	The effects of 17 $\beta$ -estradiol on blood brain barrier integrity in the absence of the estrogen receptor alpha; an in-vitro model. <i>Acta Histochemica</i> , 2017, 119, 638-647.	1.8	18
10	Anticancer effect of a novel palladium-saccharinate complex of terpyridine by inducing apoptosis on Ehrlich ascites carcinoma (EAC) in Balb-C mice. <i>Anticancer Research</i> , 2015, 35, 1491-7.	1.1	15
11	The relationship between nitric oxide and leptin in the lung of rat with streptozotocin-induced diabetes. <i>Cell Biochemistry and Function</i> , 2008, 26, 162-171.	2.9	14
12	Effects of Luteolin on Liver, Kidney and Brain in Pentylentetrazol-Induced Seizures: Involvement of Metalloproteinases and NOS Activities. <i>Balkan Medical Journal</i> , 2012, 29, 188-196.	0.8	14
13	The relationship between prolactin (PRL), leptin, nitric oxide (NO), and cytokines in patients with hyperprolactinemia. <i>Pituitary</i> , 2009, 12, 170-176.	2.9	13
14	Localization of the aromatase enzyme expression in the human pituitary gland and its effect on growth hormone, prolactin, and thyroid stimulating hormone axis. <i>Endocrine</i> , 2015, 49, 761-768.	2.3	12
15	Effect of enriched environment and predictable chronic stress on spatial memory in adolescent rats: Predominant expression of BDNF, nNOS, and interestingly malondialdehyde in the right hippocampus. <i>Brain Research</i> , 2019, 1721, 146326.	2.2	12
16	Effect of Polyethylene-glycolated Carboxyhemoglobin on Renal Microcirculation in a Rat Model of Hemorrhagic Shock. <i>Anesthesiology</i> , 2019, 131, 1110-1124.	2.5	9
17	Effects of erythropoietin pretreatment on single dose pentylenetetrazole-induced seizures in rats. <i>Biotechnic and Histochemistry</i> , 2020, 95, 418-427.	1.3	8
18	Divergent Effects of Hypertonic Fluid Resuscitation on Renal Pathophysiological and Structural Parameters in Rat Model of Lower Body Ischemia/Reperfusion-Induced Sterile Inflammation. <i>Shock</i> , 2018, 50, 655-663.	2.1	6

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19	The effects of regular swimming exercise during sodium valproate treatment on seizure behaviors and EEG recordings in pentylenetetrazole-kindled rats. <i>Epilepsy Research</i> , 2022, 179, 106830.	1.6	2
20	EFFECTS OF ERYTHROPOIETIN ON NITRIC OXIDE SYNTHASE TYPES IN THE HIPPOCAMPUS AND FRONTAL CORTEX IN PTZ-INDUCED SEIZURES IN RATS. <i>İstanbul Tıp Fakültesi Dergisi</i> , 2019, 82, .	0.1	1