

Rezzan GÃ¼lhan Aker

List of Publications by Year in descending order

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45
papers

963
citations

471509

17
h-index

454955

30
g-index

47
all docs

47
docs citations

47
times ranked

1273
citing authors

#	ARTICLE	IF	CITATIONS
1	IL-1 β is induced in reactive astrocytes in the somatosensory cortex of rats with genetic absence epilepsy at the onset of spike-and-wave discharges, and contributes to their occurrence. <i>Neurobiology of Disease</i> , 2011, 44, 259-269.	4.4	85
2	The relationship between UGT1A4 polymorphism and serum concentration of lamotrigine in patients with epilepsy. <i>Epilepsy Research</i> , 2011, 95, 1-8.	1.6	78
3	The afferent connections of the posterior hypothalamic nucleus in the rat using horseradish peroxidase. <i>Journal of Anatomy</i> , 2001, 198, 463-472.	1.5	73
4	The pathways connecting the hippocampal formation, the thalamic reuniens nucleus and the thalamic reticular nucleus in the rat. <i>Journal of Anatomy</i> , 2008, 212, 249-256.	1.5	67
5	Resistance to Propagation of Amygdaloid Kindling Seizures in Rats with Genetic Absence Epilepsy. <i>Epilepsia</i> , 2002, 43, 1115-1119.	5.1	56
6	Review of detection frequency and type of synthetic cannabinoids in herbal compounds analyzed by Istanbul Narcotic Department of the Council of Forensic Medicine, Turkey. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2013, 20, 667-672.	1.0	52
7	Cerebellar connections to the dorsomedial and posterior nuclei of the hypothalamus in the rat. <i>Journal of Anatomy</i> , 2001, 198, 37-45.	1.5	44
8	Effect of systemic and intracortical administration of phenytoin in two genetic models of absence epilepsy. <i>British Journal of Pharmacology</i> , 2006, 148, 1076-1082.	5.4	43
9	The Effect of Generalized Absence Seizures on the Progression of Kindling in the Rat. <i>Epilepsia</i> , 2007, 48, 150-156.	5.1	41
10	Amygdala Kindling in the WAG/Rij Rat Model of Absence Epilepsy. <i>Epilepsia</i> , 2006, 47, 33-40.	5.1	40
11	Intra-Amygdaloid Injection of Kainic Acid in Rats with Genetic Absence Epilepsy: The Relationship of Typical Absence Epilepsy and Temporal Lobe Epilepsy. <i>Journal of Neuroscience</i> , 2008, 28, 7828-7836.	3.6	39
12	Low dose MK-801 protects against iron-induced oxidative changes in a rat model of focal epilepsy. <i>Brain Research</i> , 1998, 788, 133-136.	2.2	34
13	The relationship between age-related development of spike-and-wave discharges and the resistance to amygdaloid kindling in rats with genetic absence epilepsy. <i>Neurobiology of Disease</i> , 2008, 32, 355-363.	4.4	27
14	Changes in intracellular protein expression in cortex, thalamus and hippocampus in a genetic rat model of absence epilepsy. <i>Brain Research Bulletin</i> , 2011, 84, 381-388.	3.0	27
15	GABAA receptor mediated transmission in the thalamic reticular nucleus of rats with genetic absence epilepsy shows regional differences: Functional implications. <i>Brain Research</i> , 2006, 1111, 213-221.	2.2	25
16	Hippocampal kindling in rats with absence epilepsy resembles amygdaloid kindling. <i>Epilepsy Research</i> , 2008, 81, 211-219.	1.6	21
17	Effect of stage 2 kindling on local cerebral blood flow rates in rats with genetic absence epilepsy. <i>Epilepsia</i> , 2009, 50, 33-43.	5.1	20
18	Localized cortical injections of ethosuximide suppress spike-and-wave activity and reduce the resistance to kindling in genetic absence epilepsy rats (GAERS). <i>Epilepsy Research</i> , 2010, 89, 7-16.	1.6	17

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19	Connections of the zona incerta to the reticular nucleus of the thalamus in the rat. <i>Journal of Anatomy</i> , 2006, 209, 251-258.	1.5	16
20	A review of suspected cases of driving under the influence of drugs (DUID) involved in traffic accidents in Istanbul (Turkey). <i>Journal of Clinical Forensic and Legal Medicine</i> , 2013, 20, 626-631.	1.0	15
21	Enhancement of spike and wave discharges by microinjection of bicuculline into the reticular nucleus of rats with absence epilepsy. <i>Neuroscience Letters</i> , 2002, 322, 71-74.	2.1	14
22	Perirhinal cortical kindling in rats with genetic absence epilepsy. <i>Neuroscience Letters</i> , 2010, 479, 74-78.	2.1	13
23	Anticonvulsant activity of 3,5-dimethylpyrazole derivatives in animal models. <i>Medicinal Chemistry Research</i> , 2011, 20, 607-614.	2.4	12
24	Pharmacokinetic characterization of favipiravir in patients with COVID-19. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 3516-3522.	2.4	11
25	Cardiovascular Regulation through Hypothalamic GABA _A Receptors in a Genetic Absence Epilepsy Model in Rat. <i>Epilepsia</i> , 2002, 43, 107-114.	5.1	10
26	Connections of the Dorsomedial Hypothalamic Nucleus from the Forebrain Structures in the Rat. <i>Cells Tissues Organs</i> , 2002, 172, 48-52.	2.3	9
27	The influence of dorsomedial hypothalamic nucleus on contralateral paraventricular nucleus in NMDA-mediated cardiovascular responses. <i>Brain Research</i> , 2003, 968, 219-226.	2.2	9
28	Extracellular Hypothalamic ³ H-Aminobutyric Acid (GABA) and L-Glutamic Acid Concentrations in Response to Bicuculline in a Genetic Absence Epilepsy Rat Model. <i>Journal of Pharmacological Sciences</i> , 2008, 106, 301-309.	2.5	9
29	Effect of pirenzepine, a muscarinic M1 receptor antagonist, on amygdala kindling in rat. <i>Epilepsy Research</i> , 1999, 37, 133-140.	1.6	8
30	Cardiovascular effects of intracerebroventricular bicuculline in rats with absence seizures. <i>Epilepsy Research</i> , 1999, 34, 231-239.	1.6	7
31	The role of nitric oxide in the reversal of hemorrhagic shock by oxotremorine. <i>European Journal of Pharmacology</i> , 2001, 428, 261-267.	3.5	7
32	Extracellular Concentrations of Catecholamines and Amino Acids in the Dorsomedial Hypothalamus of Kindled Rats. <i>Pharmacology</i> , 2003, 68, 190-197.	2.2	7
33	Neuroprotective effect of regular swimming exercise on calretinin-positive striatal neurons of Parkinsonian rats. <i>Anatomical Science International</i> , 2020, 95, 429-439.	1.0	7
34	GABA and L-glutamic acid release in en bloc resection slices of human hippocampus; an in vitro microdialysis study. <i>Neurological Sciences</i> , 2001, 22, 297-302.	1.9	6
35	Ultrastructural GABA immunocytochemistry in the mossy fiber terminals of Wistar and genetic absence epileptic rats receiving amygdaloid kindling stimulations. <i>Brain Research</i> , 2011, 1377, 101-108.	2.2	4
36	Effect of muscimol on cholinomimetic-induced cardiovascular responses in rats. <i>European Journal of Pharmacology</i> , 1998, 362, 173-181.	3.5	3

#	ARTICLE	IF	CITATIONS
37	AB1242â€¦COLCHICINE USE DURING PREGNANCY: CASE REPORTS. , 2019, , .		2
38	The effect of telmisartan, an angiotensin receptor blocker, on alcohol consumption and alcohol-induced dopamine release in the nucleus accumbens. Alcohol, 2021, 96, 73-81.	1.7	2
39	Beta vulgaris var. cicla improves memory deficits in intracerebroventricular streptozotocin injected rats: Role on neuroinflammation. Journal of Research in Pharmacy, 2021, 25(5), 589-599.	0.2	2
40	Hippocampal neuronal damage in rats exposed to a double hit: irradiation and hyperthermia. Turkish Neurosurgery, 2011, , .	0.2	1
41	26. In vivo study of the impact of amygdala kindling on the firing pattern of single neurons in the thalamus in a genetic absence epilepsy rat model. Journal of Clinical Neuroscience, 2009, 16, 1533.	1.5	0
42	Increased inhibitory synaptic activity in the hippocampus (CA1) of genetic absence epilepsy rats: Relevance of kindling resistance. Epilepsy Research, 2016, 126, 70-77.	1.6	0
43	Effect of U-92032, T-Type Ca ²⁺ Channel Blocker, on Rats with Genetic Absence Epilepsy. Pharmacology, 2020, 105, 561-567.	2.2	0
44	Counterfeit Products Containing Medical Active Ingredients. Turkiye Klinikleri Journal of Medical Sciences, 2013, 33, 1158-1165.	0.1	0
45	The relationship between symptom scores and medication adherence in stable COPD patients. , 2017, , .		0