Erdal Agar

List of Publications by Year
in descending order

39 papers	715 citations	516681 16 h-index	552766 26 g-index
39 all docs	39 docs citations	39 times ranked	727 citing authors

#	Article	IF	Citations
1	THE effect of general anesthetics on genetic absence epilepsy in WAG/Rij rats. Neurological Research, 2022, 44, 995-1005.	1.3	6
2	Differential effects of inhibitors of PTZâ€induced kindling on glutamate transporters and enzyme expression. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 1662-1673.	1.9	4
3	The Role of NMDA Receptors in the Effect of Purinergic P2X7 Receptor on Spontaneous Seizure Activity in WAG/Rij Rats With Genetic Absence Epilepsy. Frontiers in Neuroscience, 2020, 14, 414.	2.8	15
4	Effects of vitamin D and paricalcitol on epileptogenesis and behavioral properties of WAG/Rij rats with absence epilepsy. Epilepsy Research, 2019, 157, 106208.	1.6	6
5	The interaction between P2X7Rs and T-type calcium ion channels in penicillin-induced epileptiform activity. Neuropharmacology, 2019, 149, 1-12.	4.1	5
6	Swimming exercise decreases the absence-like epileptic activity in WAG/Rij rats. Behavioural Brain Research, 2019, 363, 145-148.	2.2	10
7	The effect of serotonin on penicillin-induced epileptiform activity. International Journal of Neuroscience, 2019, 129, 687-697.	1.6	6
8	The effects of moderate running exercise and L-tyrosine on penicillin-induced epileptiform activity in rats. Acta Neurobiologiae Experimentalis, 2019, 79, 148-154.	0.7	2
9	Interaction between urethane and cannabinoid CB1 receptor agonist and antagonist in penicillin-induced epileptiform activity. Acta Neurobiologiae Experimentalis, 2017, 77, 128-136.	0.7	7
10	The effects of treadmill exercise on penicillin-induced epileptiform activity. Archives of Medical Science, 2016, 5, 935-940.	0.9	7
11	The effects of agomelatine and melatonin on ECoG activity of absenceepilepsy model in WAG/Rij rats. Turkish Journal of Biology, 2015, 39, 904-910.	0.8	15
12	The Effect of Hemostatic Agents and Tissue Adhesive on Injured Peripheral Nerve Healing in Rats â€“ Part I. Electrophysiological Study. Advances in Clinical and Experimental Medicine, 2015, 24, 23-29.	1.4	5
13	Long-term ascorbic acid administration causes anticonvulsant activity during moderate and long-duration swimming exercise in experimental epilepsy. Acta Neurobiologiae Experimentalis, 2015, 75, 192-9.	0.7	3
14	The interaction between ghrelin and cannabinoid systems in penicillin-induced epileptiform activity in rats. Neuropeptides, 2014, 48, 345-352.	2.2	14
15	The Role of <scp>CB</scp>1â€Receptors in the Proconvulsant Effect of Leptin on Penicillinâ€Induced Epileptiform Activity in Rats. CNS Neuroscience and Therapeutics, 2013, 19, 222-228.	3.9	19
16	The involvement of iNOS activity in the anticonvulsant effect of grape seed extract on the penicillin-induced epileptiform activity in rats. Acta Physiologica Hungarica, 2013, 100, 224-236.	0.9	4
17	The effect of co-administration of the NMDA blocker with agonist and antagonist of CB1-receptor on penicillin-induced epileptiform activity in rats. Epilepsy Research, 2011, 93, 128-137.	1.6	27
18	Interaction of leptin and nitric oxide pathway on penicillin-induced epileptiform activity in rats. Brain Research, 2010, 1321, 117-124.	2.2	14

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19	Endothelial nitric oxide synthase activity involves in the protective effect of ascorbic acid against penicillin-induced epileptiform activity. Seizure: the Journal of the British Epilepsy Association, 2010, 19, 102-108.	2.0	18
20	The role of nitric oxide in the inhibitory effect of ghrelin against penicillin-induced epileptiform activity in rat. Neuropeptides, 2009, 43, 295-302.	2.2	32
21	The effects of intracerebroventricular AMâ€251, a CB1â€receptor antagonist, and ACEA, a CB1â€receptor agonist, on penicillinâ€induced epileptiform activity in rats. Epilepsia, 2009, 50, 1760-1767.	5.1	55
22	The effect of autogenous vein grafts on nerve repair with size discrepancy in rats: An electrophysiological and stereological analysis. Brain Research, 2008, 1198, 171-181.	2.2	16
23	The influence of ethanol intake and its withdrawal on the anticonvulsant effect of Î±-tocopherol in the penicillin-induced epileptiform activity in rats. NeuroToxicology, 2007, 28, 463-470.	3.0	15
24	The role of nitric oxide in the anticonvulsant effects of pyridoxine on penicillin-induced epileptiform activity in rats. Epilepsy Research, 2007, 76, 49-59.	1.6	19
25	The involvement of nitric oxide in the anticonvulsant effects of Î±-tocopherol on penicillin-induced epileptiform activity in rats. Epilepsy Research, 2007, 73, 166-172.	1.6	26
26	The Effects of Ascorbic Acid on Penicillin-induced Epileptiform Activity in Rats. Epilepsia, 2007, 48, 1388-1395.	5.1	56
27	The effect of leptin on penicillin-induced epileptiform activity in rats. Brain Research Bulletin, 2006, 68, 374-378.	3.0	36
28	The effects of ethanol intake and withdrawal on penicillin-induced epileptiform activity in rats. Brain Research Bulletin, 2006, 71, 111-115.	3.0	13
29	The effects of vitamin E on penicillin-induced epileptiform activity in rats. Experimental Brain Research, 2006, 174, 109-113.	1.5	26
30	Does ascorbate/l-cys/l-met mixture protect different parts of the rat brain against chronic alcohol toxicity?. Advances in Therapy, 2006, 23, 705-718.	2.9	13
31	Alcohol-induced oxidative stress and reduction in oxidation by ascorbate/l-cys/ l-met in the testis, ovary, kidney, and lung of rat. Advances in Therapy, 2005, 22, 548-558.	2.9	32
32	Enhancement of Nerve Regeneration and Orientation across a Gap with a Nerve Graft within a Vein Conduit Graft: A Functional, Stereological, and Electrophysiological Study. Plastic and Reconstructive Surgery, 2004, 113, 1372-1379.	1.4	48
33	THE EFFECTS OF ETHANOL CONSUMPTION ON THE LIPID PEROXIDATION AND GLUTATHIONE LEVELS IN THE RIGHT AND LEFT BRAINS OF RATS. International Journal of Neuroscience, 2003, 113, 1643-1652.	1.6	33
34	The effect of ethanol on the number of cells in the cochlear nucleus of the male adult rat: A stereological study. Neuroscience Research Communications, 2001, 28, 189-200.	0.2	0
35	The changes in lipid peroxidation and GSH levels in the cerebellum of rats induced by ethanol consumption are prevented by vitamin E. Neuroscience Research Communications, 2000, 27, 191-197.	0.2	5
36	The effect of ethanol on lipid peroxidation and glutathione level in the brain stem of rat. NeuroReport, 1999, 10, 1799-1800.	1.2	47

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37	MEMBRANE PROPERTIES OF MOUSE ANTEROVENTRAL COCHLEAR NUCLEUS NEURONS IN VITRO. Journal of Basic and Clinical Physiology and Pharmacology, 1996, 7, 179-198.	1.3	4
38	Membrane Properties of Complex Spike Firing Neurons of the Mouse Dorsal Cochlear Nucleus In Vitro. Journal of Basic and Clinical Physiology and Pharmacology, 1996, 7, 151-165.	1.3	8
39	Evidence that sodium nitroprusside possesses anticonvulsant effects mediated through nitric oxide. NeuroReport, 1994, 5, 2454-2456.	1.2	44