

Necati GÃ¼rkmen

List of Publications by Year in descending order

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48
papers

3,351
citations

331670

21
h-index

223800

46
g-index

49
all docs

49
docs citations

49
times ranked

2912
citing authors

#	ARTICLE	IF	CITATIONS
1	Derivatives of Erythropoietin That Are Tissue Protective But Not Erythropoietic. <i>Science</i> , 2004, 305, 239-242.	12.6	775
2	Erythropoietin prevents motor neuron apoptosis and neurologic disability in experimental spinal cord ischemic injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2258-2263.	7.1	435
3	Asialoerythropoietin is a nonerythropoietic cytokine with broad neuroprotective activity <i>in vivo</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6741-6746.	7.1	416
4	Recombinant human erythropoietin counteracts secondary injury and markedly enhances neurological recovery from experimental spinal cord trauma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 9450-9455.	7.1	351
5	Erythropoietin improves long-term spatial memory deficits and brain injury following neonatal hypoxia-ischemia in rats. <i>Behavioural Brain Research</i> , 2004, 153, 77-86.	2.2	173
6	Neuroprotective Effect of Erythropoietin on Hypoxic-Ischemic Brain Injury in Neonatal Rats. <i>Neonatology</i> , 2003, 83, 224-228.	2.4	140
7	Erythropoietin Increases Glutathione Peroxidase Enzyme Activity and Decreases Lipid Peroxidation Levels in Hypoxic-Ischemic Brain Injury in Neonatal Rats. <i>Neonatology</i> , 2005, 87, 15-18.	2.0	103
8	Erythropoietin Protects the Intestine Against Ischemia/Reperfusion Injury in Rats. <i>Molecular Medicine</i> , 2007, 13, 509-517.	4.4	100
9	Erythropoietin exerts neuroprotective effect in neonatal rat model of hypoxic-ischemic brain injury. <i>Brain and Development</i> , 2003, 25, 494-498.	1.1	85
10	Amelioration of spinal cord compressive injury by pharmacological preconditioning with erythropoietin and a nonerythropoietic erythropoietin derivative. <i>Journal of Neurosurgery: Spine</i> , 2006, 4, 310-318.	1.7	82
11	Erythropoietin-induced changes in brain gene expression reveal induction of synaptic plasticity genes in experimental stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9617-9622.	7.1	77
12	Selective Inhibition of Nitric Oxide in Hypoxic-Ischemic Brain Model in Newborn Rats: Is It an Explanation for the Protective Role of Erythropoietin?. <i>Neonatology</i> , 2004, 85, 51-54.	2.0	73
13	Erythropoietin Downregulates Bax and DP5 ProApoptotic Gene Expression in Neonatal Hypoxic-Ischemic Brain Injury. <i>Neonatology</i> , 2006, 89, 205-210.	2.0	57
14	Erythropoietin is a multifunctional tissue-protective cytokine. <i>Psychophysiology</i> , 2003, 2, 465-70.	1.1	52
15	Erythropoietin: not just about erythropoiesis. <i>Lancet</i> , The, 2010, 375, 2142.	13.7	48
16	Hemostatic effects of Microporous Polysaccharide Hemosphere® in a rat model with severe femoral artery bleeding. <i>Advances in Therapy</i> , 2007, 24, 485-492.	2.9	38
17	Neuroprotective effect of the peptides ADFN-9 and NAP on hypoxic-ischemic brain injury in neonatal rats. <i>Brain Research</i> , 2006, 1115, 169-178.	2.2	33
18	Erythropoietin Protects against Necrotizing Enterocolitis of Newborn Rats by the Inhibiting Nitric Oxide Formation. <i>Neonatology</i> , 2003, 84, 325-329.	2.0	30

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19	Practices of anaesthesiologists with regard to withholding and withdrawal of life support from the critically ill in Turkey. <i>Acta Anaesthesiologica Scandinavica</i> , 2004, 48, 457-462.	1.6	30
20	The influence of epidural volume extension on spinal block with hyperbaric or plain bupivacaine for Caesarean delivery. <i>European Journal of Anaesthesiology</i> , 2008, 25, 307-313.	1.7	25
21	Antinociceptive and Neurotoxicologic Screening of Chronic Intrathecal Administration of Ketorolac Tromethamine in the Rat. <i>Anesthesia and Analgesia</i> , 2004, 98, 148-152.	2.2	23
22	Erythropoietin attenuates neuronal injury and potentiates the expression of pCREB in anterior horn after transient spinal cord ischemia in rats. <i>World Neurosurgery</i> , 2007, 68, 297-303.	1.3	19
23	A cross-over, post-electroconvulsive therapy comparison of clinical recovery from rocuronium versus succinylcholine. <i>Journal of Clinical Anesthesia</i> , 2008, 20, 589-593.	1.6	19
24	Intracranial penetrating injury associated with an intraoperative epidural haematoma caused by a spring-laden pin of a multipoise headrest. <i>British Journal of Neurosurgery</i> , 2001, 15, 425-428.	0.8	18
25	Combination of Pharmacotherapy With Electroconvulsive Therapy in Prevention of Depressive Relapse. <i>Journal of ECT</i> , 2010, 26, 104-110.	0.6	13
26	Trait-related alterations of N-acetylaspartate in euthymic bipolar patients: A longitudinal proton magnetic resonance spectroscopy study. <i>Journal of Affective Disorders</i> , 2016, 206, 315-320.	4.1	13
27	Neuroprotective effects of ketorolac tromethamine after spinal cord injury in rats: an ultrastructural study. <i>Advances in Therapy</i> , 2008, 25, 152-158.	2.9	11
28	Otoprotective effect of recombinant erythropoietin in a model of newborn hypoxic-ischemic encephalopathy. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2013, 77, 739-746.	1.0	10
29	Antimanic Treatment With Tamoxifen Affects Brain Chemistry: A Double-Blind, Placebo-Controlled Proton Magnetic Resonance Spectroscopy Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 125-131.	1.5	10
30	Effects of CO2 pneumoperitoneum on the basilar artery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2001, 15, 806-811.	2.4	9
31	In vivo proton magnetic resonance spectroscopic examination of benzodiazepine action in humans. <i>Psychiatry Research - Neuroimaging</i> , 2010, 184, 162-170.	1.8	9
32	Mortality Related Risk Factors in High-Risk Pulmonary Embolism in the ICU. <i>Canadian Respiratory Journal</i> , 2016, 2016, 1-8.	1.6	9
33	Day-Time Isoflurane Administration Suppresses Circadian Gene Expressions in Both the Brain and a Peripheral Organ, Liver. <i>Turkish Journal of Anaesthesiology and Reanimation</i> , 2017, 45, 197-202.	0.8	8
34	Effects of pressure- and volume-controlled inverse ratio ventilation on haemodynamic variables, intracranial pressure and cerebral perfusion pressure in rabbits: a model of subarachnoid haemorrhage under isoflurane anaesthesia. <i>European Journal of Anaesthesiology</i> , 2003, 20, 690-696.	1.7	7
35	Experimental Traumatic Spinal Cord Injury. <i>Methods in Molecular Biology</i> , 2013, 982, 103-112.	0.9	7
36	Erythropoietin prevents lymphoid apoptosis but has no effect on survival in experimental sepsis. <i>Pediatric Research</i> , 2013, 74, 148-153.	2.3	6

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37	The effects of levosimendan and dobutamine in experimental bupivacaine-induced cardiotoxicity. <i>BMC Anesthesiology</i> , 2013, 13, 28.	1.8	5
38	Neuroprotective effects of progesterone in spinal cord ischemia in rabbits. <i>American Journal of Emergency Medicine</i> , 2013, 31, 581-584.	1.6	5
39	Massive pulmonary embolism and cardiac arrest; thrombolytic therapy in a patient with recent intracranial surgery and glioblastoma multiforme. <i>American Journal of Emergency Medicine</i> , 2014, 32, 1441.e1-1441.e3.	1.6	5
40	Potentially inappropriate medication use in elderly patients treated in intensive care units: A cross-sectional study using 2019 Beers, STOPP/v2 Criteria and EU(7) PIM List. <i>International Journal of Clinical Practice</i> , 2021, 75, e14802.	1.7	5
41	Use of laryngeal mask airway in anesthesia for treatment of retinopathy of prematurity. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2011, 32, 1127-32.	1.1	4
42	Distribution of ¹³¹ I-labeled recombinant human erythropoietin in maternal and fetal organs following intravenous administration in pregnant rats. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 273, 311-313.	1.5	3
43	Acute kidney injury following colistin treatment in critically-ill patients: may glucocorticoids protect?. <i>Journal of Chemotherapy</i> , 2021, 33, 85-94.	1.5	3
44	EMLA® does not permit pain-free retrobulbar injection*. <i>Acta Anaesthesiologica Scandinavica</i> , 2003, 47, 739-741.	1.6	2
45	Erythropoietin diminishes isoflurane-induced apoptosis in rat frontal cortex. <i>Paediatric Anaesthesia</i> , 2016, 26, 444-451.	1.1	2
46	Effects of CO ₂ Pneumoperitoneum on Nephrotoxicity of Sevoflurane: An Experimental Study in Rabbits. <i>Visceral Medicine</i> , 2006, 22, 79-84.	1.3	0
47	Neuroprotective Efficacy of Activated Protein C in An Experimental Spinal Cord Injury Model in Rats. <i>Journal of the Turkish Anaesthesiology & Intensive Care Society - JTAICS</i> , 2012, 40, 212-221.	0.1	0
48	Hemostatic Efficacy of Local Chitosan Linear Polymer Granule in an Experimental Sheep Model with Severe Bleeding of Arteria and Vena Femoralis. <i>Ulusal Travma Ve Acil Cerrahi Dergisi</i> , 2016, 22, 215-23.	0.3	0