

ÄœlkÄ¼ ÄÄmelekoÄlu

List of Publications by Year in descending order

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59
papers

1,336
citations

361413

20
h-index

361022

35
g-index

61
all docs

61
docs citations

61
times ranked

1884
citing authors

#	ARTICLE	IF	CITATIONS
1	Erythropoietin both protects from and reverses experimental diabetic neuropathy. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 823-828.	7.1	238
2	The evaluation of micronucleus frequency by acridine orange fluorescent staining in peripheral blood of rats treated with lead acetate. Mutagenesis, 2005, 20, 411-415.	2.6	67
3	Cytogenetic effects of lambda-cyhalothrin on Wistar rat bone marrow. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 539, 91-97.	1.7	65
4	Acute effect of single-dose cadmium treatment on lipid peroxidation and antioxidant enzymes in ovariectomized rats. Ecotoxicology and Environmental Safety, 2006, 65, 140-144.	6.0	61
5	A study on the investigation of cadmium chloride genotoxicity in rat bone marrow using micronucleus test and chromosome aberration analysis. Toxicology and Industrial Health, 2005, 21, 243-248.	1.4	60
6	Biomechanical evaluation in osteoporosis: ovariectomized rat model. Clinical Rheumatology, 2007, 26, 380-384.	2.2	58
7	Evaluation of cytogenetic effects of lambda-cyhalothrin on Wistar rat bone marrow by gavage administration. Ecotoxicology and Environmental Safety, 2005, 61, 128-133.	6.0	53
8	Association of QEEG Findings with Clinical Characteristics of OCD: Evidence of Left Frontotemporal Dysfunction. Canadian Journal of Psychiatry, 2002, 47, 538-545.	1.9	47
9	No effect of GA-AS (904 nm) laser irradiation on the intact skin of the injured rat sciatic nerve. Lasers in Medical Science, 2003, 18, 83-88.	2.1	40
10	Strontium ranelate treatment improves oxidative damage in osteoporotic rat model. Pharmacological Reports, 2012, 64, 396-402.	3.3	39
11	Acute electrophysiologic effect of pulsed gallium-arsenide low energy laser irradiation on configuration of compound nerve action potential and nerve excitability. Lasers in Surgery and Medicine, 2002, 30, 376-380.	2.1	37
12	SiO ₂ Nanoparticle-induced size-dependent genotoxicity – an <i>in vitro</i> study using sister chromatid exchange, micronucleus and comet assay. Drug and Chemical Toxicology, 2015, 38, 196-204.	2.3	37
13	Low-exposure cadmium is more toxic on osteoporotic rat femoral bone: Mechanical, biochemical, and histopathological evaluation. Ecotoxicology and Environmental Safety, 2007, 66, 267-271.	6.0	34
14	The Role of Hemispherical Asymmetry and Regional Activity of Quantitative EEG in Children with Stuttering. Child Psychiatry and Human Development, 2003, 34, 269-280.	1.9	30
15	THE EFFECTS OF DEXAMETHASONE ON LIPID PEROXIDATION AND NITRIC OXIDE LEVELS ON THE HEALING OF TRACHEAL ANASTOMOSES: AN EXPERIMENTAL STUDY IN RATS. Pharmacological Research, 2002, 46, 265-271.	7.1	28
16	ELECTROPHYSIOLOGICAL AND HISTOPATHOLOGICAL EVALUATION OF RESPIRATORY TRACT, DIAPHRAGM, AND PHRENIC NERVE AFTER DICHLORVOS INHALATION IN RATS. Inhalation Toxicology, 2002, 14, 199-215.	1.6	28
17	The effects of corticosteroids and vitamin A on the healing of tracheal anastomoses. International Journal of Pediatric Otorhinolaryngology, 2003, 67, 109-116.	1.0	27
18	Protective effect of Funalia trogii crude extract on deltamethrin-induced oxidative stress in rats. Food Chemistry, 2011, 125, 1037-1040.	8.2	26

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19	Evaluation of Cerebral Maturation by Visual and Quantitative Analysis of Resting Electroencephalography in Children With Primary Nocturnal Enuresis. <i>Journal of Child Neurology</i> , 2001, 16, 714-718.	1.4	22
20	Sepsis induces early phrenic nerve neuropathy in rats. <i>European Respiratory Journal</i> , 2005, 26, 686-692.	6.7	22
21	The effects of corticosteroids on the healing of tracheal anastomoses in a rat model. <i>Pharmacological Research</i> , 2002, 45, 299-304.	7.1	21
22	Enhancement of nerve healing with the combined use of amniotic membrane and granulocyte-colony-stimulating factor. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 837-843.	1.0	19
23	Exposure to gamma rays induces early alterations in skin in rodents: Mechanical, biochemical and structural responses. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 889-894.	6.0	18
24	Pressure applied during surgery alters the biomechanical properties of human saphenous vein graft. <i>Heart and Vessels</i> , 2013, 28, 237-245.	1.2	17
25	Effect of Imipramine on radiosensitivity of Prostate Cancer: An In Vitro Study. <i>Cancer Investigation</i> , 2019, 37, 489-500.	1.3	17
26	Acute Electrophysiological Effect of Pulsed Galliumâ€“Arsenide Low-Energy Laser Irradiation on Isolated Frog Sciatic Nerve. <i>Lasers in Medical Science</i> , 2002, 17, 62-67.	2.1	16
27	EFFECTS OF TRAPIDIL ON THE HEALING OF COLONIC ANASTOMOSES IN AN EXPERIMENTAL RAT MODEL. <i>ANZ Journal of Surgery</i> , 2003, 73, 916-921.	0.7	16
28	The Effect of Remote Ischemic Preconditioning on Healing of Colonic Anastomoses. <i>Journal of Surgical Research</i> , 2007, 143, 200-205.	1.6	16
29	Electrophysiologic effect of gallium arsenide laser on frog gastrocnemius muscle. <i>Lasers in Surgery and Medicine</i> , 2002, 30, 221-226.	2.1	14
30	Histoacryl glue in meniscal repairs (a biomechanical study). <i>International Orthopaedics</i> , 2007, 31, 241-246.	1.9	13
31	The effect of <i>Rheum ribes</i> L. on oxidative stress in diabetic rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020, .	1.3	12
32	Evaluation of the toxic effects of cypermethrin inhalation on the frog heart. <i>Ecotoxicology and Environmental Safety</i> , 2004, 57, 220-225.	6.0	11
33	N-ACETYLCYSTEINE PROTECTS THE RATS AGAINST PHRENIC NERVE DYSFUNCTION IN SEPSIS. <i>Shock</i> , 2006, 25, 30-35.	2.1	11
34	Protective effect of N-acetyl cysteine against radiotherapy-induced cardiac damage. <i>International Journal of Radiation Biology</i> , 2020, 96, 661-670.	1.8	11
35	Comparison of the effects of different electrocautery applications to peripheral nerves: an experimental study. <i>Acta Neurochirurgica</i> , 2011, 153, 2031-2039.	1.7	9
36	Subtypes of carpal tunnel syndrome: median nerve F wave parameters. <i>Clinical Neurology and Neurosurgery</i> , 2002, 104, 322-327.	1.4	8

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37	Effects of silica nanoparticles on isolated rat uterine smooth muscle. <i>Drug and Chemical Toxicology</i> , 2018, 41, 465-475.	2.3	8
38	The Effect of Octreotide on Healing of Injured Colonic Anastomosis with Immediate Postoperative Intraperitoneal Administration of 5-Fluorouracil. <i>Diseases of the Colon and Rectum</i> , 2007, 50, 660-669.	1.3	7
39	Reversible conduction block in isolated frog sciatic nerve by high concentration of bupivacaine. <i>Pharmacological Research</i> , 2003, 47, 235-241.	7.1	6
40	Electrophysiological, biochemical and ultrastructural effects of radiotherapy on normal rat sciatic nerve. <i>International Journal of Radiation Biology</i> , 2013, 89, 155-161.	1.8	6
41	Effect of low-level 1800-MHz radiofrequency radiation on the rat sciatic nerve and the protective role of paricalcitol. <i>Bioelectromagnetics</i> , 2018, 39, 631-643.	1.6	6
42	Effect of calcitonin on lipid peroxidation in ovariectomized rats. <i>European Journal of Chemistry</i> , 2010, 1, 44-46.	0.6	5
43	The effect of 4.5-G (LTE Advanced-Pro network) mobile phone radiation on the optic nerve. <i>Cutaneous and Ocular Toxicology</i> , 2021, 40, 198-206.	1.3	5
44	Enzyme activity and genetic polymorphisms in patients with type II diabetes mellitus. <i>Advances in Clinical and Experimental Medicine</i> , 2020, 29, 1057-1063.	1.4	5
45	Effects of triazolopyrimidine on lipid peroxidation and nitric oxide levels in the corticosteroid-impaired healing of rat tracheal anastomoses. <i>Cell Biochemistry and Function</i> , 2005, 23, 39-45.	2.9	4
46	Effect of <i>Funalia trogii</i> in heart tissue of rats exposed to deltamethrin. <i>Turkish Journal of Biochemistry</i> , 2012, 37, 239-244.	0.5	4
47	Toxic effect of acetamiprid on <i>Rana ridibunda</i> sciatic nerve (electrophysiological and) <i>Tj ETQq1 1 0.784314 rBT /Overlock 10 T</i>	2.3	4
48	N -Acetylcysteine-induced vasodilatation is modulated by K ATP channels, Na + /K + -ATPase activity and intracellular calcium concentration: An in vitro study. <i>Pharmacological Reports</i> , 2017, 69, 738-745.	3.3	3
49	Is Mycophenolate Mofetil an Alternative Agent to Corticosteroids in Traumatic Nerve Paralysis?. <i>Journal of Craniofacial Surgery</i> , 2014, 25, e510-e513.	0.7	2
50	The Effects of Methylprednisolone and Vitamin A on the Healing of Traumatic Peripheral Nerve Paralysis. <i>Journal of International Advanced Otology</i> , 2015, 10, 275-280.	1.0	2
51	Intestinal ischemia-reperfusion induced diaphragm contractility dysfunction: Electrophysiological and ultrastructural study in a neonatal rat model. <i>Journal of Pediatric Surgery</i> , 2016, 51, 354-359.	1.6	2
52	Effect of imipramine on ether-go potassium channel (Kv1.10) expression in DU145 prostate cancer cells. <i>Andrologia</i> , 2022, 54, e14291.	2.1	2
53	The stiffness and phase frequency response of taenia coli smooth muscle: Comparison of the step and sinusoidal perturbation analysis. <i>Medical Engineering and Physics</i> , 2008, 30, 380-386.	1.7	1
54	The Effect of Trapidil and Bevacizumab on Tracheal Anastomotic Wound Healing. <i>Current Therapeutic Research</i> , 2013, 75, 5-7.	1.2	1

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55	Mode of acute action of cypermethrin on peripheral nerves. Journal of Applied Toxicology, 2002, 22, 445-447.	2.8	0
56	The Role of the Spleen on Colonic Anastomotic Healing. Journal of Investigative Surgery, 2003, 16, 229-232.	1.3	0
57	Soybean oil prevents peritoneal adhesions without impairing colonic anastomotic healing. Surgical Practice, 2015, 19, 98-105.	0.2	0
58	Analyzing the effect of laparoscopy duration time on peroperative gastroesophageal reflux. Turkish Journal of Medical Sciences, 2019, 49, 639-643.	0.9	0
59	Ameliorative effects of paricalcitol against 1800-MHz mobile phone radiation-induced skin damage in rats. Toxicological and Environmental Chemistry, 2019, 101, 508-525.	1.2	0