

SaÄ°t Polat

List of Publications by Year in descending order

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71
papers

749
citations

516681

16
h-index

580810

25
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73
all docs

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docs citations

73
times ranked

1186
citing authors

#	ARTICLE	IF	CITATIONS
1	Histopathological effects of topical coenzyme q 10 + Vit E TPGS in experimental ischemic optic neuropathy. <i>Ultrastructural Pathology</i> , 2022, 46, 54-62.	0.9	1
2	Biochemical and Histopathological Investigation of Liver Tissues on High Fat Diet Fed Rats. <i>Meandros Medical and Dental Journal</i> , 2022, 23, 101-107.	0.2	0
3	Comparison of melatonin, oxytetracycline, and N-acetylcysteine pre-treatments in autologous intraperitoneal ovarian transplantation in rats. <i>Biochemical and Biophysical Research Communications</i> , 2022, 606, 49-54.	2.1	4
4	The effect of Vitamin D on testosterone and uncarboxylated osteocalcin levels in aged male rats. <i>Ultrastructural Pathology</i> , 2022, 46, 368-376.	0.9	0
5	Expression of monocyte chemotactic protein 2 and tumor necrosis factor alpha in human normal endometrium and endometriotic tissues. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2021, 50, 101971.	1.3	6
6	Bisphenol A decreases expression of Insulin-like factor 3 and induces histopathological changes in the Testes of Rats. <i>Toxicology and Industrial Health</i> , 2021, 37, 314-327.	1.4	5
7	Effects of Theranekron and alpha-lipoic acid combined treatment on GAP-43 and Krox-20 gene expressions and inflammation markers in peripheral nerve injury. <i>Ultrastructural Pathology</i> , 2021, 45, 167-181.	0.9	8
8	Living with female rats exposed to restraint stress during pregnancy caused depressive-like behavior in male rats and stress-induced apoptosis. <i>International Journal of Developmental Neuroscience</i> , 2021, 81, 643-654.	1.6	0
9	Immunohistochemical examination of androgen receptor and estrogen receptor alpha expressions in obstructive and non-obstructive azoospermia. <i>Systems Biology in Reproductive Medicine</i> , 2021, 67, 463-470.	2.1	6
10	Glioblastoma h1/4cre hattında (U87) siklopamin ve temozolomid kombine tedavisinin miR-20a ekspresyonu 1/4zerine etkileri. <i>Cukurova Medical Journal</i> , 2021, 46, 1426-1432.	0.2	0
11	Effects of combined treatment of minocycline and methylprednisolone on the expression of tumor necrosis factor alpha and interleukine-6 in experimental spinal cord injury: a light and electron microscopic study. <i>Ultrastructural Pathology</i> , 2020, 44, 283-299.	0.9	4
12	Ultrastructural effects of nerve growth factor and betamethasone on nerve regeneration after experimental nerve injury. <i>Ultrastructural Pathology</i> , 2020, 44, 436-449.	0.9	4
13	Evaluation of Corneal Histopathologic Changes in Rabbits Due To Topical Mitomycin C Application in Different Doses and Periods. <i>European Journal of Therapeutics</i> , 2020, 26, 87-91.	0.1	0
14	Investigation of conjunctivochalasis histopathology with light and electron microscopy in patients with conjunctivochalasis in different locations. <i>International Ophthalmology</i> , 2019, 39, 1491-1499.	1.4	7
15	Relationships between microRNA-20a and microRNA-125b expression and apoptosis and inflammation in experimental spinal cord injury. <i>Neurological Research</i> , 2019, 41, 991-1000.	1.3	13
16	Effects of Osteocalcin on Synthesis of Testosterone and INSL3 during Adult Leydig Cell Differentiation. <i>International Journal of Endocrinology</i> , 2019, 2019, 1-18.	1.5	12
17	The ultrastructural effects of surgical treatment of hydrosalpinx on the human endometrium: a light and electron microscopic study. <i>Ultrastructural Pathology</i> , 2019, 43, 99-109.	0.9	5
18	Evaluation of the Intravesical Ureters after Failed Endoscopic Treatment of Vesicoureteral Reflux with Dextranomer/hyaluronic Acid in Children via Light and Transmission Electron Microscopic Analysis. A Matched Case-Control Study. <i>Urology Journal</i> , 2019, 16, 279-284.	0.4	2

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19	Protective Effect of Proanthocyanidin against Methotrexate-Induced Testicle Damage in Rats. <i>European Journal of Therapeutics</i> , 2019, 25, 51-57.	0.1	1
20	Impact of intranasal application of nerve growth factor on the olfactory epithelium in rats with chemically induced diabetes. <i>Ultrastructural Pathology</i> , 2018, 42, 246-254.	0.9	1
21	Nonvascularized Cartilage Grafts Versus Vascularized Cartilage Flaps: Comparison of Cartilage Quality 6 Months After Transfer. <i>Journal of Hand Surgery</i> , 2018, 43, 188.e1-188.e8.	1.6	20
22	Therapeutic Potential of Pterostilbene and Resveratrol on Biomechanic, Biochemical, and Histological Parameters in Streptozotocin-Induced Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-10.	1.2	20
23	Molecular basis of vascular damage caused by cigarette smoke exposure and a new approach to the treatment: Alpha-linolenic acid. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 458-463.	5.6	9
24	Preliminary Characterization of Phenolic Acid Composition and Hepatoprotective Effect of <i>Stachys pumila</i> . <i>Journal of Food Biochemistry</i> , 2017, 41, e12286.	2.9	6
25	Effects of arginine vasopressin and v1 receptor antagonist on cerebral vasospasm secondary to subarachnoid hemorrhage: an experimental study. <i>Turkish Neurosurgery</i> , 2017, 28, 211-218.	0.2	0
26	The potential beneficial effects of ethyl pyruvate on diabetic nephropathy: an experimental and ultrastructural study. <i>Polish Journal of Pathology</i> , 2016, 3, 250-257.	0.3	1
27	Impacts of β -estradiol on intestinal injury in newborn rats. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 1935-1940.	1.5	2
28	Ameliorating effects of curcumin on nicotine-induced mice testes. <i>Turkish Journal of Medical Sciences</i> , 2016, 46, 549-560.	0.9	7
29	Comparison of the Myotoxic Effects of Levobupivacaine, Bupivacaine, and Ropivacaine: An Electron Microscopic Study. <i>Ultrastructural Pathology</i> , 2015, 39, 169-176.	0.9	13
30	Ultrastructural and Immunohistopathological Evaluation of Intravesical Ureters via Electron and Light Microscopy in Children with Vesicoureteral Reflux. <i>Journal of Urology</i> , 2014, 191, 1110-1117.	0.4	1
31	MP44-17 ULTRASTRUCTURAL AND IMMUNO-HISTOPATHOLOGICAL EVALUATION OF INTRAVESICAL URETERS VIA ELECTRON AND LIGHT MICROSCOPY IN CHILDREN WITH VESICoureTERAL REFLUX. <i>Journal of Urology</i> , 2014, 191, .	0.4	0
32	MP44-14 EVALUATION OF THE INTRAVESICAL URETERS AFTER FAILED ENDOSCOPIC TREATMENT OF VESICoureTERAL REFLUX WITH DEXTRANOMER/HYALURONIC ACID IN CHILDREN: LIGHT AND TRANSMISSION ELECTRON MICROSCOPIC ANALYSIS. <i>Journal of Urology</i> , 2014, 191, .	0.4	0
33	The Comparison of Histological Results of Experimentally Created Facial Nerve Defects Repaired by 2 Different Anastomosis Techniques. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 652-656.	0.7	7
34	The Effects of N-Methyl-d-Aspartate Receptor Blockade During The Early Neurodevelopmental Period on Emotional Behaviors and Cognitive Functions of Adolescent Wistar Rats. <i>Neurochemical Research</i> , 2013, 38, 989-996.	3.3	17
35	The effect of levetiracetam on neuronal apoptosis in neonatal rat model of hypoxic ischemic brain injury. <i>Early Human Development</i> , 2013, 89, 355-360.	1.8	63
36	Protective effect of <i>Spirulina platensis</i> enriched in phenolic compounds against hepatotoxicity induced by CCl ₄ . <i>Food Chemistry</i> , 2013, 141, 1972-1979.	8.2	67

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37	Intravitreal injection of methotrexate in an experimental rabbit model: Determination of ultrastructural changes. <i>Indian Journal of Ophthalmology</i> , 2013, 61, 329.	1.1	9
38	The effectiveness of heliox in acute respiratory distress syndrome. <i>Annals of Thoracic Medicine</i> , 2013, 8, 46.	1.8	17
39	Ultrastructural evaluation of the effect of N-acetylcysteine on methotrexate nephrotoxicity in rats. <i>Histology and Histopathology</i> , 2013, 28, 865-74.	0.7	18
40	Immunohistochemical and electron microscopic examination of Cajal cells in ureteropelvic junction obstruction. <i>Canadian Urological Association Journal</i> , 2013, 7, E311-6.	0.6	6
41	An Evaluation of the Effects of Long-term Cell Phone Use on the Testes Via Light and Electron Microscope Analysis. <i>Urology</i> , 2012, 79, 346-350.	1.0	22
42	Effects of Zoledronic Acid on Healing of Mandibular Fractures: An Experimental Study in Rabbits. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, 1726-1735.	1.2	17
43	Effects of sodium selenite and amiloride on calvarial calcification in closing small cranial defects. <i>Journal of Neurosurgery</i> , 2011, 114, 478-484.	1.6	2
44	Effect of neutralization of rat interleukin 6 bioactivity on inducible nitric oxide synthase up-regulation and cerebral ischemic damage. <i>Neurological Research</i> , 2009, 31, 714-720.	1.3	4
45	Comparison of Vascularized Osteoperiosteal Femur Flaps and Nonvascularized Femur Grafts for Reconstruction of Mandibular Defects: An Experimental Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2009, 67, 1174-1183.	1.2	14
46	Macrophage depletion delays progression of neuropathic pain in diabetic animals. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 379, 445-452.	3.0	67
47	The Effects of Maternal Deprivation on the Hippocampal Structure in Adult Rats. <i>Canadian Journal of Neurological Sciences</i> , 2009, 36, 356-362.	0.5	4
48	The Effects of Trapidil on Fibroblastic Activity, Schwann Cell Proliferation, and Platelet-derived Growth Factor Receptor Levels in the Experimental Sciatic Nerve Injury. <i>Neurosurgery Quarterly</i> , 2008, 18, 261-268.	0.1	0
49	Effects of Amiloride and Na Selenite on the ATPase Levels, Malondialdehyde Levels, and on Superoxide Dismutase Activity and the Histopathologic Findings After Subarachnoid Hemorrhage in the Pigs. <i>Neurosurgery Quarterly</i> , 2007, 17, 263-267.	0.1	1
50	Testicular Adrenal Rest Hyperplasia due to 21-Hydroxylase Deficiency: A Case Report. <i>Endocrine Pathology</i> , 2006, 17, 83-88.	9.0	9
51	Comparative effects of lidocaine and tramadol on injured peripheral nerves. <i>European Journal of Pharmacology</i> , 2006, 543, 54-62.	3.5	24
52	Effect of Naloxone After Spinal Cord Injury in the Rat. <i>Neurosurgery Quarterly</i> , 2004, 14, 249-256.	0.1	1
53	EFFECTS OF EXCITOTOXIC MEDIAN RAPHE LESIONS ON SCOPOLAMINE-INDUCED WORKING MEMORY DEFICITS IN INHIBITORY AVOIDANCE. <i>International Journal of Neuroscience</i> , 2002, 112, 525-535.	1.6	4
54	The relationships among ultrastructural angiogenic features, Na ⁺ K ⁺ , Ca ²⁺ , Mg ²⁺ ATP-ase activities and SOD concentration in the microvasculature of intracranial meningiomas and glial tumors. <i>Neurological Research</i> , 2002, 24, 286-290.	1.3	0

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55	Effect of neutralization of rat IL-6 bioactivity on collateral blood supply from retrograde flow via cortical anastomoses in the rat central nervous system. <i>Neurological Research</i> , 2002, 24, 405-408.	1.3	5
56	Effects of excitotoxic median raphe lesion on working memory deficits produced by the dorsal hippocampal muscarinic receptor blockade in the inhibitory avoidance in rats. <i>Brain Research Bulletin</i> , 2002, 57, 683-688.	3.0	6
57	Effects of ketamine on different types of anxiety/fear and related memory in rats with lesions of the median raphe nucleus. <i>European Journal of Pharmacology</i> , 2001, 431, 315-320.	3.5	35
58	The effects of the pre-treatment of intravenous nimodipine on Na ⁺ -K ⁺ /Mg ²⁺ ATPase, Ca ²⁺ /Mg ²⁺ ATPase, lipid peroxidation and early ultrastructural findings following middle cerebral artery occlusion in the rat. <i>Neurological Research</i> , 2001, 23, 96-104.	1.3	8
59	Effect of anti-IL-6 rat interleukin-6 antibody after spinal cord injury in the rat: inducible nitric oxide synthase expression, sodium- and potassium-activated, magnesium-dependent adenosine-5'-triphosphatase and superoxide dismutase activation, and ultrastructural changes. <i>Journal of Neurosurgery: Spine</i> . 2001, 95, 64-73.	1.7	18
60	Cadmium-Induced Changes in Parietal Cell Structure and Functions of Rats. <i>Biological Trace Element Research</i> , 2000, 74, 153-170.	3.5	6
61	Cadmium-Induced Changes in Epithelial Cells of the Rat Stomach. <i>Biological Trace Element Research</i> , 2000, 77, 65-82.	3.5	7
62	The effect of trapidil on the reactive astrocytic proliferation following spinal cord trauma in rats: Light and electron microscopic findings. <i>Neurological Research</i> , 1998, 20, 353-359.	1.3	3
63	The effect of collagen, Interleukin-1 and glycosaminoglycan on the neovascularization of central nervous system. <i>Neurological Research</i> , 1998, 20, 513-525.	1.3	0
64	Effect of dexamethasone, barbiturate and hypothermy on edema induced by CO2 laser brain lesion in the dog: light and electron microscopic study. <i>Neurosurgical Review</i> , 1996, 19, 33-38.	2.4	2
65	The effect of immediate decompression on the optic nerve in retrobulbar hematoma. <i>Neurosurgical Review</i> , 1996, 19, 169-173.	2.4	7
66	Experimental evaluation of peritoneum and pericardium as dural substitutes. <i>Research in Experimental Medicine</i> , 1995, 195, 31-38.	0.7	13
67	Correlation of alterations on Na ⁺ -K ⁺ /Mg ²⁺ ATPase activity, lipid peroxidation and ultrastructural findings following experimental spinal cord injury with and without intravenous methylprednisolone treatment. <i>Neurosurgical Review</i> , 1995, 18, 35-44.	2.4	18
68	Effects of Naloxone on Sodium- and Potassium-activated and Magnesium-dependent Adenosine-5'-Triphosphatase Activity and Lipid Peroxidation and Early Ultrastructural Findings after Experimental Spinal Cord Injury. <i>Neurosurgery</i> , 1995, 36, 797-805.	1.1	36
69	The effect of the treatment of high-dose methylprednisolone on ATPase activity and lipid peroxidation and ultrastructural findings following cerebral contusion in rat. <i>World Neurosurgery</i> , 1995, 44, 573-580.	1.3	50
70	Effect of GSH on cerebral vasospasm in dogs. <i>Neurosurgical Review</i> , 1994, 17, 283-289.	2.4	2
71	The Effect of N-butyl-2-Cyanoacrylate on Wound Healing in Head Neck Region. <i>Ent Updates</i> , 0, , .	0.0	0