

Tuncay KuloÄlu

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,891
citations

304743

22
h-index

276875

41
g-index

71
all docs

71
docs citations

71
times ranked

2728
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochemical and Histopathological Investigation of Liver Tissues on High Fat Diet Fed Rats. Meandros Medical and Dental Journal, 2022, 23, 101-107.	0.2	0
2	Sildenafil for the treatment of necrotizing enterocolitis: an experimental study. Biyokimya Dergisi, 2022, .	0.5	0
3	Protective effect of pregabalin on the brain tissue of diabetic rats. Diabetology International, 2021, 12, 207-216.	1.4	3
4	The combined effect of pomegranate extract and tangeretin on the DMBA-induced breast cancer model. Journal of Nutritional Biochemistry, 2021, 89, 108566.	4.2	15
5	The decrease in hippocampal transient receptor potential M2 (TRPM2) channel and muscarinic acetylcholine receptor 1 (CHRM1) is associated with memory loss in a surgical menopause rat model. Archives of Medical Science, 2021, 17, 228-235.	0.9	5
6	The protective effects of Anakinra in a neonatal rat model of necrotizing enterocolitis. Turkish Journal of Medical Sciences, 2021, 51, 2727-2733.	0.9	4
7	Transient receptor potential melastatin 2 ion channel activity in ovarian hyperstimulation syndrome physiopathology. Turkish Journal of Medical Sciences, 2021, 51, 787-795.	0.9	7
8	Carbamazepine-induced sperm disorders can be associated with the altered expressions of testicular KCNJ11/miR-let-7a and spermatozoal CFTR/miR-27a. Andrologia, 2021, 53, e13954.	2.1	5
9	Comparison of the efficacy between bilateral proximal tubal occlusion and total salpingectomy on ovarian reserve and the cholinergic system: an experimental study. Turkish Journal of Medical Sciences, 2020, 50, 1097-1105.	0.9	2
10	Verapamil-induced ion channel and miRNA expression changes in rat testis and/or spermatozoa may be associated with male infertility. Andrologia, 2020, 52, e13778.	2.1	5
11	Expression of asprosin in rat hepatic, renal, heart, gastric, testicular and brain tissues and its changes in a streptozotocin-induced diabetes mellitus model. Tissue and Cell, 2020, 66, 101397.	2.2	26
12	Efficacy of Sclerotherapeutic Agents in the Treatment of Simple Ovarian Cysts Created by Experimental Rat Model. İstanbul Medical Journal, 2020, 21, 200-206.	0.1	0
13	An Investigation of Saliva and Plasma Levels of Urotensin-2 in Recently Diagnosed Type 2 Diabetes Mellitus Patients on Metformin Treatment. Endokrynologia Polska, 2020, 71, 249-255.	1.0	3
14	Effects of vitamin D on apoptosis and betatrophin in the kidney tissue of experimental diabetic rats. Acta Biomedica, 2020, 91, e2020089.	0.3	1
15	Increased Circulatory Extrarenal 1 α ,25-Dihydroxyvitamin D3 in Bilaterally Nephrectomized Rats. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2020, 20, 1523-1530.	1.2	1
16	Investigation of treatment efficacy of 10% povidone-iodine sclerotherapy on ovarian cyst diameter: an experimental study. Turkish Journal of Medical Sciences, 2019, 49, 795-801.	0.9	1
17	Is there any difference between endometrial hyperplasia and endometrial carcinoma in terms of expression of TRPM2 and TRPM7 ion channels?. Turkish Journal of Medical Sciences, 2019, 49, 653-660.	0.9	6
18	TRPM2 mediates disruption of autophagy machinery and correlates with the grade level in prostate cancer. Journal of Cancer Research and Clinical Oncology, 2019, 145, 1297-1311.	2.5	21

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19	<p>Comparison of irisin hormone expression between thyroid cancer tissues and oncocytic variant cells</p>. Cancer Management and Research, 2019, Volume 11, 2595-2603.	1.9	13
20	The relationship between visfatin and cardiac markers on induced myocardial infarction in rats. Cytokine, 2019, 115, 116-120.	3.2	6
21	The effects of sclerotherapy with 5% trichloroacetic acid on the cyst diameter and ovarian tissue in the rat ovarian cyst model. Journal of Obstetrics and Gynaecology, 2018, 38, 686-692.	0.9	3
22	Modulation of Excitability of Stellate Neurons in the Ventral Cochlear Nucleus of Mice by ATP-Sensitive Potassium Channels. Journal of Membrane Biology, 2018, 251, 163-178.	2.1	9
23	Effects of Alpha Lipoic Acid on Loss of Myelin Sheath of Sciatic Nerve in Experimentally Induced Diabetic Rats. Medicinski Arhiv = Medical Archives = Archives De Mädecine, 2018, 72, 178.	0.9	4
24	<div>Examination of the effect of ovarian radiation injury induced by hysterosalpingography on ovarian proliferating cell nuclear antigen and the radioprotective effect of amifostine: an experimental study</div>. Drug Design, Development and Therapy, 2018, Volume 12, 1491-1500.	4.3	5
25	Ellagic acid impedes carbontetrachloride-induced liver damage in rats through suppression of NF-kB, Bcl-2 and regulating Nrf-2 and caspase pathway. Biomedicine and Pharmacotherapy, 2018, 105, 662-669.	5.6	50
26	The increased expression of Piezo1 and Piezo2 ion channels in human and mouse bladder carcinoma. Advances in Clinical and Experimental Medicine, 2018, 27, 1025-1031.	1.4	39
27	A novel candidate molecule in pathological grading of gliomas: elabela. Turkish Neurosurgery, 2018, 28, 989-994.	0.2	8
28	The Protective Effect of Cortexin on Cisplatin-Induced Ototoxicity. Journal of International Advanced Otolaryngology, 2018, 14, 27-33.	1.0	1
29	The effect of polypropylene mesh on different layers to the formation of collagen type I/ III ratio and total collagen density in incisional hernia repair. International Surgery Journal, 2018, 5, 2942.	0.1	2
30	Comparison of the therapeutic effects of sildenafil citrate, heparin and neuropeptides in a rat model of acetic acid-induced gastric ulcer. Life Sciences, 2017, 186, 102-110.	4.3	15
31	The effect of iloprost and sildenafil, alone and in combination, on myocardial ischaemia and nitric oxide and irisin levels. Cardiovascular Journal of Africa, 2017, 28, 389-396.	0.4	10
32	Hepatoprotective properties for Salvia cryptantha extract on carbon tetrachloride-induced liver injury. Cellular and Molecular Biology, 2017, 63, 56.	0.9	3
33	Adropin as a potential marker of enzyme-positive acute coronary syndrome. Cardiovascular Journal of Africa, 2017, 28, 40-47.	0.4	9
34	Hepatoprotective properties for Salvia cryptantha extract on carbon tetrachloride-induced liver injury. Cellular and Molecular Biology, 2017, 63, 56-62.	0.9	4
35	Protective effects of vitamin C and vitamin E against hysterosalpingography-induced epithelial degeneration and proliferation in rat endometrium. Drug Design, Development and Therapy, 2016, Volume 10, 4079-4089.	4.3	7
36	Potential role of melastatin-related transient receptor potential cation channel subfamily M gene expression in the pathogenesis of urinary bladder cancer. Oncology Letters, 2016, 12, 5235-5239.	1.8	32

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37	Serum, Saliva, and Urine Irisin with and without Acute Appendicitis and Abdominal Pain. <i>Biochemistry Insights</i> , 2016, 9, BCI.S39671.	3.3	19
38	Protective effects of vitamin D3 against d-galactosamine-induced liver injury in rats. <i>Tissue and Cell</i> , 2016, 48, 356-360.	2.2	6
39	Ghrelin action on GnRH neurons and pituitary gonadotropes might be mediated by GnRH-GPR147 system. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2016, 25, 121-128.	0.7	12
40	The effect of ethanol sclerotherapy of 5 minutes duration on cyst diameter and rat ovarian tissue in simple ovarian cysts. <i>Drug Design, Development and Therapy</i> , 2015, 9, 1341.	4.3	3
41	Neuroprotective and antioxidant effects of ghrelin in an experimental glaucoma model. <i>Drug Design, Development and Therapy</i> , 2015, 9, 2819.	4.3	19
42	Investigation of the effects of unilateral total salpingectomy on ovarian proliferating cell nuclear antigen and follicular reserve: experimental study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2015, 188, 56-60.	1.1	15
43	Effect of carnosine, methylprednisolone and their combined application on irisin levels in the plasma and brain of rats with acute spinal cord injury. <i>Neuropeptides</i> , 2015, 52, 47-54.	2.2	33
44	Ghrelin in the pilosebaceous unit: alteration of ghrelin in patients with acne vulgaris. <i>European Journal of Dermatology</i> , 2015, 25, 323-328.	0.6	7
45	Effect of carnosine supplementation on apoptosis and irisin, total oxidant and antioxidants levels in the serum, liver and lung tissues in rats exposed to formaldehyde inhalation. <i>Peptides</i> , 2015, 64, 14-23.	2.4	34
46	Effects of vitamin D on kidney histology and trpv1 channels in doxorubicin-induced nephropathy. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 13548-55.	1.3	3
47	Irisin: A potentially candidate marker for myocardial infarction. <i>Peptides</i> , 2014, 55, 85-91.	2.4	98
48	Regulatory neuropeptides (ghrelin, obestatin and nesfatin-1) levels in serum and reproductive tissues of female and male rats with fructose-induced metabolic syndrome. <i>Neuropeptides</i> , 2014, 48, 167-177.	2.2	35
49	Cardiac, skeletal muscle and serum irisin responses to with or without water exercise in young and old male rats: Cardiac muscle produces more irisin than skeletal muscle. <i>Peptides</i> , 2014, 52, 68-73.	2.4	133
50	Today's and yesterday's of pathophysiology: Biochemistry of metabolic syndrome and animal models. <i>Nutrition</i> , 2014, 30, 1-9.	2.4	91
51	Elevated adropin: A candidate diagnostic marker for myocardial infarction in conjunction with troponin-I. <i>Peptides</i> , 2014, 58, 91-97.	2.4	32
52	Decreased saliva/serum irisin concentrations in the acute myocardial infarction promising for being a new candidate biomarker for diagnosis of this pathology. <i>Peptides</i> , 2014, 56, 141-145.	2.4	82
53	Expression changes of antioxidant, apoptotic, anti-apoptotic genes and miR-15b-34a-21-98 in ovary tissue by using erythromycin, quinacrine and tetracycline in non-surgical sterilization. <i>Molecular Biology Reports</i> , 2014, 41, 8093-8098.	2.3	6
54	A comprehensive immunohistochemical examination of the distribution of the fat-burning protein irisin in biological tissues. <i>Peptides</i> , 2014, 61, 130-136.	2.4	163

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55	Impact of intracystic ethanol instillation on ovarian cyst diameter and adjacent ovarian tissue. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 174, 133-136.	1.1	14
56	Expression of adropin in rat brain, cerebellum, kidneys, heart, liver, and pancreas in streptozotocin-induced diabetes. <i>Molecular and Cellular Biochemistry</i> , 2013, 380, 73-81.	3.1	120
57	Alterations of irisin concentrations in saliva and serum of obese and normal-weight subjects, before and after 45min of a Turkish bath or running. <i>Peptides</i> , 2013, 50, 13-18.	2.4	93
58	The apoptotic effect of a high dose of toluene on liver tissue during the acute phase: an experimental study. <i>Toxicology and Industrial Health</i> , 2013, 29, 728-736.	1.4	17
59	Copeptin, adropin and irisin concentrations in breast milk and plasma of healthy women and those with gestational diabetes mellitus. <i>Peptides</i> , 2013, 47, 66-70.	2.4	84
60	Concentrations of preptin, salusins and hepcidins in plasma and milk of lactating women with or without gestational diabetes mellitus. <i>Peptides</i> , 2013, 49, 123-130.	2.4	30
61	Deneysel Serebral İskemi-Reperfüzyon Oluşturulmuş Ratlarda Memantin Koruyucu Etkilerinin İncelenmesi. <i>Türk Noroloji Dergisi = Turkish Journal of Neurology</i> , 2013, 19, 85-89.	0.3	0
62	HSP70 immune reactivity and TUNEL positivity in the liver of toluene-inhaled and melatonin-treated rats. <i>Toxicology and Industrial Health</i> , 2013, 29, 514-522.	1.4	8
63	Effects of the neonicotinoid insecticide, clothianidin, on the reproductive organ system in adult male rats. <i>Drug and Chemical Toxicology</i> , 2013, 36, 421-429.	2.3	31
64	Effects of resveratrol on blood homocysteine level, on homocysteine induced oxidative stress, apoptosis and cognitive dysfunctions in rats. <i>Brain Research</i> , 2012, 1484, 29-38.	2.2	32
65	Insecticide imidacloprid induces morphological and DNA damage through oxidative toxicity on the reproductive organs of developing male rats. <i>Cell Biochemistry and Function</i> , 2012, 30, 492-499.	2.9	128
66	Effects of clothianidin exposure on sperm quality, testicular apoptosis and fatty acid composition in developing male rats. <i>Cell Biology and Toxicology</i> , 2012, 28, 187-200.	5.3	44
67	Hepatotoxic activity of toluene inhalation and protective role of melatonin. <i>Toxicology and Industrial Health</i> , 2011, 27, 465-473.	1.4	43
68	Protective effects of nanostructures of hydrated C60 fullerene on reproductive function in streptozotocin-diabetic male rats. <i>Toxicology</i> , 2011, 282, 69-81.	4.2	86
69	Effects of Vitamin D3(Cholecalciferol) on Adriamycin-Induced Nephrotoxicity. <i>Renal Failure</i> , 2009, 31, 400-405.	2.1	14
70	Determination of Ghrelin Immunoreactivity in Kidney Tissues of Diabetic Rats. <i>Renal Failure</i> , 2009, 31, 562-566.	2.1	11
71	Effects of pinealectomy and exogenous melatonin on ghrelin and peptide YY in gastrointestinal system and neuropeptide Y in hypothalamic arcuate nucleus: Immunohistochemical studies in male rats. <i>Regulatory Peptides</i> , 2008, 146, 197-203.	1.9	20