

Bayram YÄ±lmaz

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,506
citations

331670

21
h-index

330143

37
g-index

58
all docs

58
docs citations

58
times ranked

1957
citing authors

#	ARTICLE	IF	CITATIONS
1	Endocrine disrupting chemicals: exposure, effects on human health, mechanism of action, models for testing and strategies for prevention. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020, 21, 127-147.	5.7	328
2	Evidence that membrane-bound G protein-coupled melatonin receptors MT1 and MT2 are not involved in the neuroprotective effects of melatonin in focal cerebral ischemia. <i>Journal of Pineal Research</i> , 2012, 52, 228-235.	7.4	97
3	Particular phosphorylation of PI3K/Akt on Thr308 via PDK-1 and PTEN mediates melatonin's neuroprotective activity after focal cerebral ischemia in mice. <i>Redox Biology</i> , 2017, 12, 657-665.	9.0	91
4	NTS Catecholamine Neurons Mediate Hypoglycemic Hunger via Medial Hypothalamic Feeding Pathways. <i>Cell Metabolism</i> , 2020, 31, 313-326.e5.	16.2	83
5	The effects of intracerebroventricular infusion of apelin-13 on reproductive function in male rats. <i>Neuroscience Letters</i> , 2015, 602, 133-138.	2.1	53
6	Anticonvulsant activity of resveratrol-loaded liposomes in vivo. <i>Neuroscience</i> , 2017, 357, 12-19.	2.3	51
7	Effects of PCB 52 and PCB 77 on cell viability, [Ca ²⁺] _i levels and membrane fluidity in mouse thymocytes. <i>Toxicology</i> , 2006, 217, 184-193.	4.2	47
8	Genotoxic effects of PCB 52 and PCB 77 on cultured human peripheral lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008, 654, 88-92.	1.7	45
9	Effects of letrozole on hippocampal and cortical catecholaminergic neurotransmitter levels, neural cell adhesion molecule expression and spatial learning and memory in female rats. <i>Neuroscience</i> , 2008, 151, 186-194.	2.3	45
10	Genotoxic effects of chlorpyrifos, cypermethrin, endosulfan and 2,4-DC on human peripheral lymphocytes cultured from smokers and nonsmokers. <i>Environmental Toxicology</i> , 2011, 26, 433-442.	4.0	40
11	Inactivation of Magel2 suppresses oxytocin neurons through synaptic excitation-inhibition imbalance. <i>Neurobiology of Disease</i> , 2019, 121, 58-64.	4.4	37
12	MCH Neuron Activity Is Sufficient for Reward and Reinforces Feeding. <i>Neuroendocrinology</i> , 2020, 110, 258-270.	2.5	37
13	Effects of Paint Thinner Exposure on Serum LH, FSH and Testosterone Levels and Hypothalamic Catecholamine Contents in the Male Rat. <i>Biological and Pharmaceutical Bulletin</i> , 2001, 24, 163-166.	1.4	34
14	Hippocampal Long-Term Potentiation (LTP) is Reduced by a Coplanar PCB Congener. <i>NeuroToxicology</i> , 2004, 25, 981-988.	3.0	33
15	Effects of apelin on reproductive functions: relationship with feeding behavior and energy metabolism. <i>Archives of Physiology and Biochemistry</i> , 2017, 123, 9-15.	2.1	33
16	Comparative evaluation of hepatotoxic and nephrotoxic effects of aroclors 1221 and 1254 in female rats. <i>Cell Biochemistry and Function</i> , 2007, 25, 167-172.	2.9	31
17	Salmon calcitonin ameliorates migraine pain through modulation of <sc>CGRP</sc> release and dural mast cell degranulation in rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 536-546.	1.9	31
18	Modulatory effects of Aroclors 1221 and 1254 on bone turnover and vertebral histology in intact and ovariectomized rats. <i>Toxicology Letters</i> , 2006, 166, 276-284.	0.8	30

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19	Endocrine Disruptive Effects of Polychlorinated Biphenyls on the Thyroid Gland in Female Rats. <i>Tohoku Journal of Experimental Medicine</i> , 2005, 206, 327-332.	1.2	27
20	Paint thinner exposure inhibits testosterone synthesis and secretion in a reversible manner in the rat. <i>Reproductive Toxicology</i> , 2006, 22, 791-796.	2.9	24
21	Comparative effects of technical toxaphene, 2,5-dichloro-3-biphenylol and octabromodiphenylether on cell viability, [Ca ²⁺] _i levels and membrane fluidity in mouse thymocytes. <i>Toxicology Letters</i> , 2004, 151, 417-428.	0.8	23
22	Studies on the reproductive effects of chronic treatment with agomelatine in the rat. <i>European Journal of Pharmacology</i> , 2016, 770, 33-39.	3.5	21
23	The effect of kisspeptin on spermatogenesis and apoptosis in rats. <i>Turkish Journal of Medical Sciences</i> , 2017, 47, 334-342.	0.9	15
24	Melatonin inhibits testosterone secretion by acting at hypothalamo-pituitary-gonadal axis in the rat. <i>Neuroendocrinology Letters</i> , 2000, 21, 301-306.	0.2	15
25	Waste Crankcase Oil: An Environmental Contaminant with Potential to Modulate Estrogenic Responses. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2004, 67, 1081-1094.	2.3	13
26	Effects of Polycyclic Aromatic Hydrocarbon-Containing Oil Mixtures on Generation of Reactive Oxygen Species and Cell Viability in MCF-7 Breast Cancer Cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2007, 70, 1108-1115.	2.3	13
27	Why women may live longer than men do? A telomere-length regulated and diet-based entropic assessment. <i>Clinical Nutrition</i> , 2021, 40, 1186-1191.	5.0	13
28	Increased adhesion formation after gelatin-thrombin matrix application in a rat model. <i>Archives of Gynecology and Obstetrics</i> , 2014, 290, 501-506.	1.7	12
29	COVID-19 disease causes an energy supply deficit in a patient. <i>International Journal of Energy Research</i> , 2021, 45, 1157-1160.	4.5	12
30	Correlation of spermiogram profiles with DNA damage in sperm cells of infertile men: a comet assay study. <i>Gynecological Endocrinology</i> , 2011, 27, 49-54.	1.7	11
31	PCB 9 exposure induces endothelial cell death while increasing intracellular calcium and ROS levels. <i>Environmental Toxicology</i> , 2012, 27, 185-191.	4.0	10
32	Investigation of the effects of kisspeptin in methionine-induced lipid peroxidation in testicle tissue of young rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, N/A.	3.0	10
33	Comparison of the neuroprotective effects of brimonidine tartrate and melatonin on retinal ganglion cells. <i>International Ophthalmology</i> , 2018, 38, 2553-2562.	1.4	10
34	Comparison of the Effects of Dovitinib and Bevacizumab on Reducing Neovascularization in an Experimental Rat Corneal Neovascularization Model. <i>Cornea</i> , 2019, 38, 1161-1168.	1.7	10
35	Thermodynamic assessment of allocation of energy and exergy of the nutrients for the life processes during pregnancy. <i>British Journal of Nutrition</i> , 2020, 124, 742-753.	2.3	10
36	Hexagonal boron nitrides reduce the oxidative stress on cells. <i>Nanotechnology</i> , 2020, 31, 215101.	2.6	10

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37	Genotoxicity profiles in exfoliated human mammary cells recovered from lactating mothers in Istanbul; relationship with demographic and dietary factors. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 749, 17-22.	1.7	9
38	ETS-Domain Transcription Factor Elk-1 Regulates Stemness Genes in Brain Tumors and CD133+ BrainTumor-Initiating Cells. <i>Journal of Personalized Medicine</i> , 2021, 11, 125.	2.5	9
39	Apelin Receptor Signaling Protects GT1-7 GnRH Neurons Against Oxidative Stress In Vitro. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 753-775.	3.3	9
40	Polychlorinated biphenyls and organochlorine pesticides in breast milk samples and their correlation with dietary and reproductive factors in lactating mothers in Istanbul. <i>Environmental Science and Pollution Research</i> , 2022, 29, 3463-3473.	5.3	8
41	Effects of PCBs 52 and 77 on Th1/Th2 Balance in Mouse Thymocyte Cell Cultures. <i>Immunopharmacology and Immunotoxicology</i> , 2005, 27, 601-613.	2.4	6
42	Exposure to industrially polluted water resulted in regressed endometriotic lesions and enhanced adhesion formation in a rat endometriosis model: a preliminary study. <i>Fertility and Sterility</i> , 2010, 93, 1722-1724.	1.0	6
43	Promoter Methylation in Epithelial-Enriched and Epithelial-Depleted Cell Populations Isolated from Breast Milk. <i>Journal of Human Lactation</i> , 2014, 30, 450-457.	1.6	6
44	Roles of adiponectin and leptin signaling-related microRNAs in the preventive effects of calorie restriction in mammary tumor development. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 866-876.	1.9	6
45	Electrophysiological effects of polyethylene glycol modified gold nanoparticles on mouse hippocampal neurons. <i>Heliyon</i> , 2020, 6, e05824.	3.2	6
46	Diet-dependent entropic assessment of athletes'™ lifespan. <i>Journal of Nutritional Science</i> , 2021, 10, e83.	1.9	5
47	Delayed Therapeutic Administration of Melatonin Enhances Neuronal Survival Through AKT and MAPK Signaling Pathways Following Focal Brain Ischemia in Mice. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 994-1007.	2.3	5
48	Effects of anticoagulant drugs on wound healing process in a rat model: a comparative study. <i>Journal of Wound Care</i> , 2020, 29, 44-50.	1.2	4
49	Long-term chronic caloric restriction alters miRNA profiles in the brain of ageing mice. <i>British Journal of Nutrition</i> , 2022, 127, 641-652.	2.3	4
50	Evaluation of antioxidant and antiproliferative activities of 1,2-bis (amino-phenoxy) ethane derivative Schiff bases and metal complexes. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22247.	3.0	3
51	Inflammatory Cytokines are in Action: Brain Plasticity and Recovery after Brain Ischemia Due to Delayed Melatonin Administration. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 106105.	1.6	3
52	The combination of letrozole and melatonin causes regression in size not histopathological scores on endometriosis in an experimental rat model. <i>Journal of the Turkish German Gynecology Association</i> , 2009, 10, 199-204.	0.6	3
53	Surface plasmon resonance aptasensor for soluble ICAM-1 protein in blood samples. <i>Analyst</i> , 2022, 147, 1663-1668.	3.5	3
54	Expression of Pea3 protein subfamily members in hippocampus and potential regulation following neuronal stimulation. <i>Neuroscience Letters</i> , 2020, 738, 135348.	2.1	2

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55	Pinealectomy alters IFN- $\hat{3}$ and IL-10 levels in primary thymocyte culture of rats. Cellular and Molecular Biology, 2018, 64, 25-30.	0.9	2
56	Delta opioid modulation of hypothalamic serotonergic neurotransmission in the ovariectomized and steroid-primed rat. Neuroendocrinology Letters, 2000, 21, 115-120.	0.2	1
57	Nesfatin-1 and irisin levels in response to the soccer matches performed in morning, afternoon and at night in young trained male subjects. Cellular and Molecular Biology, 2018, 64, 130-133.	0.9	1