

Omer Æelik

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,181
citations

304602

22
h-index

377752

34
g-index

41
all docs

41
docs citations

41
times ranked

1558
citing authors

#	ARTICLE	IF	CITATIONS
1	Venlafaxine Modulates Depression-Induced Oxidative Stress in Brain and Medulla of Rat. <i>Neurochemical Research</i> , 2007, 32, 497-505.	1.6	145
2	Melatonin modulates wireless (2.45GHz)-induced oxidative injury through TRPM2 and voltage gated Ca ²⁺ channels in brain and dorsal root ganglion in rat. <i>Physiology and Behavior</i> , 2012, 105, 683-692.	1.0	74
3	Zinc Supplementation Attenuates Metallothionein and Oxidative Stress Changes in Kidney of Streptozotocin-Induced Diabetic Rats. <i>Biological Trace Element Research</i> , 2012, 150, 342-349.	1.9	71
4	Wi-Fi (2.45GHz)- and Mobile Phone (900 and 1800MHz)-Induced Risks on Oxidative Stress and Elements in Kidney and Testis of Rats During Pregnancy and the Development of Offspring. <i>Biological Trace Element Research</i> , 2013, 156, 221-229.	1.9	66
5	Effects of Selenium and Topiramate on Lipid Peroxidation and Antioxidant Vitamin Levels in Blood of Pentylentetrazol-Induced Epileptic Rats. <i>Biological Trace Element Research</i> , 2009, 129, 181-189.	1.9	64
6	Topiramate and Vitamin E Modulate the Electroencephalographic Records, Brain Microsomal and Blood Antioxidant Redox System in Pentylentetrazol-Induced Seizure of Rats. <i>Journal of Membrane Biology</i> , 2009, 229, 131-140.	1.0	51
7	Aminoethoxydiphenyl Borate and Flufenamic Acid Inhibit Ca ²⁺ Influx Through TRPM2 Channels in Rat Dorsal Root Ganglion Neurons Activated by ADP-Ribose and Rotenone. <i>Journal of Membrane Biology</i> , 2011, 241, 69-75.	1.0	51
8	Oral vitamin C and E combination modulates blood lipid peroxidation and antioxidant vitamin levels in maximal exercising basketball players. <i>Cell Biochemistry and Function</i> , 2010, 28, 300-305.	1.4	47
9	Curcumin inhibits oxidative stress-induced TRPM2 channel activation, calcium ion entry and apoptosis values in SH-SY5Y neuroblastoma cells: Involvement of transfection procedure. <i>Molecular Membrane Biology</i> , 2016, 33, 76-88.	2.0	41
10	Melatonin modulates apoptosis and TRPM2 channels in transfected cells activated by oxidative stress. <i>Physiology and Behavior</i> , 2012, 107, 458-465.	1.0	40
11	Selenium and L-Carnitine Reduce Oxidative Stress in the Heart of Rat Induced by 2.45-GHz Radiation from Wireless Devices. <i>Biological Trace Element Research</i> , 2011, 143, 1640-1650.	1.9	36
12	Effects of Selenium and L-Carnitine on Oxidative Stress in Blood of Rat Induced by 2.45-GHz Radiation from Wireless Devices. <i>Biological Trace Element Research</i> , 2009, 132, 153-163.	1.9	34
13	L-cysteine modulates doxorubicin-induced oxidative stress and antioxidant vitamin concentrations in liver of rats. <i>Cell Biochemistry and Function</i> , 2010, 28, 673-677.	1.4	34
14	Oxidative stress of brain and liver is increased by Wi-Fi (2.45GHz) exposure of rats during pregnancy and the development of newborns. <i>Journal of Chemical Neuroanatomy</i> , 2016, 75, 134-139.	1.0	34
15	Melatonin and amfenac modulate calcium entry, apoptosis, and oxidative stress in ARPE-19 cell culture exposed to blue light irradiation (405nm). <i>Eye</i> , 2014, 28, 752-760.	1.1	33
16	Role of endometrial concentrations of heavy metals (cadmium, lead, mercury and arsenic) in the aetiology of unexplained infertility. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 179, 187-190.	0.5	33
17	Vitamins C and E treatment combined with exercise modulates oxidative stress markers in blood of patients with fibromyalgia: A controlled clinical pilot study. <i>Stress</i> , 2010, 13, 498-505.	0.8	31
18	Liver antioxidant stores protect the brain from electromagnetic radiation (900 and 1800MHz)-induced oxidative stress in rats during pregnancy and the development of offspring. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2014, 27, 1915-1921.	0.7	31

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19	Riboflavin and Vitamin E Increase Brain Calcium and Antioxidants, and Mitochondrial Calcium-ATP-ase Values in Rat Headache Models Induced by Glyceryl Trinitrate. <i>Journal of Membrane Biology</i> , 2015, 248, 205-213.	1.0	29
20	N-acetyl cysteine attenuates diazinon exposure-induced oxidative stress in rat testis. <i>Andrologia</i> , 2013, 45, 171-177.	1.0	28
21	Selenium and Vitamin E Modulates Radiation-Induced Liver Toxicity in Pregnant and Nonpregnant Rat: Effects of Colemanite and Hematite Shielding. <i>Biological Trace Element Research</i> , 2010, 135, 253-263.	1.9	27
22	Capparis ovata Modulates Brain Oxidative Toxicity and Epileptic Seizures in Pentylentetrazol-Induced Epileptic Rats. <i>Neurochemical Research</i> , 2013, 38, 780-788.	1.6	23
23	Basic Fibroblast Growth Factor Attenuates Bisphosphonate-Induced Oxidative Injury but Decreases Zinc and Copper Levels in Oral Epithelium of Rat. <i>Biological Trace Element Research</i> , 2013, 153, 251-256.	1.9	21
24	Vitamin C and E combination modulates oxidative stress induced by X-ray in blood of smoker and nonsmoker radiology technicians. <i>Cell Biochemistry and Function</i> , 2009, 27, 424-429.	1.4	20
25	Protective Effects of Riboflavin and Selenium on Brain Mitochondrial Ca ²⁺ -ATPase and Oxidative Damage Caused by Glyceryl Trinitrate in a Rat Headache Model. <i>Biological Trace Element Research</i> , 2015, 164, 72-79.	1.9	20
26	Reversible posterior leukoencephalopathy in eclampsia. <i>International Journal of Gynecology and Obstetrics</i> , 2003, 82, 67-69.	1.0	18
27	Modulation of wireless (2.45GHz)-induced oxidative toxicity in laryngotracheal mucosa of rat by melatonin. <i>European Archives of Oto-Rhino-Laryngology</i> , 2013, 270, 1695-1700.	0.8	18
28	Effects of Different Doses of Curcumin on Apoptosis, Mitochondrial Oxidative Stress and Calcium Ion Influx in DBRG Glioblastoma Cells. <i>Journal of Cellular Neuroscience and Oxidative Stress</i> , 2017, 9, 617-629.	0.1	13
29	The effects of electromagnetic radiation (2450 MHz wireless devices) on the heart and blood tissue: role of melatonin. <i>Bratislava Medical Journal</i> , 2017, 117, 665-671.	0.4	12
30	The effects of neuronal cell differentiation on TRPM7, TRPM8 and TRPV1 channels in the model of Parkinson's disease. <i>Neurological Research</i> , 2022, 44, 24-37.	0.6	11
31	Hearing loss in insulin-dependent diabetes mellitus. <i>Auris Nasus Larynx</i> , 1996, 23, 127-32.	0.5	11
32	Evaluation of lipoprotein-associated phospholipase A2 and plaque burden/composition in young adults. <i>Coronary Artery Disease</i> , 2015, 26, 266-271.	0.3	7
33	Melatonin attenuates apoptosis and mitochondrial depolarization levels in hypoxic conditions of SH-SY5Y neuronal cells induced by cobalt chloride (CoCl ₂). <i>Turkish Journal of Biology</i> , 2015, 39, 896-903.	2.1	5
34	cFN and NO levels as indexes of endothelial damage in pre-eclampsia. <i>International Journal of Gynecology and Obstetrics</i> , 2003, 81, 51-52.	1.0	1
35	P.827 Have the TRP channels a role in MPP ⁺ neurotoxicity?. <i>European Neuropsychopharmacology</i> , 2019, 29, S550-S551.	0.3	1
36	209 MICROSTRUCTURAL CHANGES IN RAT BRAIN DUE TO CHRONIC PELVIC PAIN: A DIFFUSION-WEIGHTED MAGNETIC RESONANCE IMAGING STUDY. <i>European Journal of Pain</i> , 2006, 10, S57b-S57.	1.4	0

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37	360 PROTECTIVE EFFECTS OF VITAMIN E ON BRAIN ANTIOXIDANT REDOX SYSTEM AND MICROSOMAL Ca ²⁺ -ATPase VALUES IN NITROGLYCERINE-INDUCED MIGRAINE IN RATS. European Journal of Pain, 2009, 13, S109a.	1.4	0
38	359 RIBOFLAVIN AND SELENIUM MODULATES BRAIN ANTIOXIDANT REDOX SYSTEM AND MICROSOMAL Ca ²⁺ -ATPase ACTIVITY IN NITROGLYCERINE-INDUCED MIGRAINE IN RATS. European Journal of Pain, 2009, 13, S109.	1.4	0
39	Acardiacus acephalus type twin pregnancy. Journal of Obstetrics and Gynaecology, 2011, 31, 263-264.	0.4	0
40	Auditory brain stem evoked potentials in patients with leprosy. International Journal of Leprosy and Other Mycobacterial Diseases, 1997, 65, 166-9.	0.3	0