

Mustafa NazÄ±roÄlu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7606237/publications.pdf>

Version: 2024-02-01

241
papers

9,854
citations

31976

53
h-index

60623

81
g-index

245
all docs

245
docs citations

245
times ranked

10364
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenium and high dose vitamin E administration protects cisplatin-induced oxidative damage to renal, liver and lens tissues in rats. <i>Toxicology</i> , 2004, 195, 221-230.	4.2	327
2	New Molecular Mechanisms on the Activation of TRPM2 Channels by Oxidative Stress and ADP-Ribose. <i>Neurochemical Research</i> , 2007, 32, 1990-2001.	3.3	270
3	Role of Selenium on Calcium Signaling and Oxidative Stress-induced Molecular Pathways in Epilepsy. <i>Neurochemical Research</i> , 2009, 34, 2181-2191.	3.3	224
4	Protective Effects of Lamotrigine, Aripiprazole and Escitalopram on Depression-induced Oxidative Stress in Rat Brain. <i>Neurochemical Research</i> , 2007, 32, 1188-1195.	3.3	208
5	Molecular role of catalase on oxidative stress-induced Ca ²⁺ signaling and TRP cation channel activation in nervous system. <i>Journal of Receptor and Signal Transduction Research</i> , 2012, 32, 134-141.	2.5	150
6	Plasma lipid peroxidation and antioxidant levels in patients with rheumatoid arthritis. <i>Cell Biochemistry and Function</i> , 2004, 22, 53-57.	2.9	148
7	Melatonin potentiates chemotherapy-induced cytotoxicity and apoptosis in rat pancreatic tumor cells. <i>Journal of Pineal Research</i> , 2012, 53, 91-98.	7.4	147
8	Venlafaxine Modulates Depression-Induced Oxidative Stress in Brain and Medulla of Rat. <i>Neurochemical Research</i> , 2007, 32, 497-505.	3.3	145
9	TRPM2 Cation Channels, Oxidative Stress and Neurological Diseases: Where Are We Now?. <i>Neurochemical Research</i> , 2011, 36, 355-366.	3.3	135
10	Selenium Modulates Oxidative Stress-Induced Cell Apoptosis in Human Myeloid HL-60 Cells Through Regulation of Calcium Release and Caspase-3 and -9 Activities. <i>Journal of Membrane Biology</i> , 2009, 232, 15-23.	2.1	132
11	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
12	Neuropathic Pain: Delving into the Oxidative Origin and the Possible Implication of Transient Receptor Potential Channels. <i>Frontiers in Physiology</i> , 2018, 9, 95.	2.8	128
13	Role of Oxidative Stress and Ca ²⁺ Signaling on Molecular Pathways of Neuropathic Pain in Diabetes: Focus on TRP Channels. <i>Neurochemical Research</i> , 2012, 37, 2065-2075.	3.3	122
14	Modulation of Diabetes-Induced Oxidative Stress, Apoptosis, and Ca ²⁺ Entry Through TRPM2 and TRPV1 Channels in Dorsal Root Ganglion and Hippocampus of Diabetic Rats by Melatonin and Selenium. <i>Molecular Neurobiology</i> , 2017, 54, 2345-2360.	4.0	122
15	Protective effect of caffeic acid phenethyl ester (CAPE) administration on cisplatin-induced oxidative damage to liver in rat. <i>Cell Biochemistry and Function</i> , 2006, 24, 357-361.	2.9	111
16	Protective Effects of Moderate Exercise With Dietary Vitamin C and E on Blood Antioxidative Defense Mechanism in Rats With Streptozotocin-Induced Diabetes. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2005, 30, 172-185.	1.7	99
17	Effects of Antiepileptic Drugs on Antioxidant and Oxidant Molecular Pathways: Focus on Trace Elements. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 589-599.	3.3	97
18	Homocysteine and cytosolic GSH depletion induce apoptosis and oxidative toxicity through cytosolic calcium overload in the hippocampus of aged mice: Involvement of TRPM2 and TRPV1 channels. <i>Neuroscience</i> , 2015, 284, 225-233.	2.3	95

#	ARTICLE	IF	CITATIONS
19	Spinal Morphine Administration Reduces the Fatty Acid Contents in Spinal Cord and Brain by Increasing Oxidative Stress. <i>Neurochemical Research</i> , 2006, 32, 19-25.	3.3	94
20	A Calcium Influx Pathway Regulated Separately by Oxidative Stress and ADP-Ribose in TRPM2 Channels: Single Channel Events. <i>Neurochemical Research</i> , 2008, 33, 1256-1262.	3.3	93
21	Synergic Effects of Doxorubicin and Melatonin on Apoptosis and Mitochondrial Oxidative Stress in MCF-7 Breast Cancer Cells: Involvement of TRPV1 Channels. <i>Journal of Membrane Biology</i> , 2016, 249, 129-140.	2.1	91
22	Thermo-Sensitive TRP Channels: Novel Targets for Treating Chemotherapy-Induced Peripheral Pain. <i>Frontiers in Physiology</i> , 2017, 8, 1040.	2.8	90
23	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
24	TRPV1 Channel: A Potential Drug Target for Treating Epilepsy. <i>Current Neuropharmacology</i> , 2015, 13, 239-247.	2.9	82
25	Antioxidants and lipid peroxidation status in the blood of patients with psoriasis. <i>Clinica Chimica Acta</i> , 1999, 289, 23-31.	1.1	81
26	Neuroprotection Induced by N-acetylcysteine and Selenium Against Traumatic Brain Injury-Induced Apoptosis and Calcium Entry in Hippocampus of Rat. <i>Cellular and Molecular Neurobiology</i> , 2014, 34, 895-903.	3.3	80
27	The Protective Role of Selenium on Scopolamine-Induced Memory Impairment, Oxidative Stress, and Apoptosis in Aged Rats: The Involvement of TRPM2 and TRPV1 Channels. <i>Molecular Neurobiology</i> , 2017, 54, 2852-2868.	4.0	80
28	Selenium and Topiramate Modulates Brain Microsomal Oxidative Stress Values, Ca ²⁺ -ATPase Activity, and EEG Records in Pentylentetrazol-Induced Seizures in Rats. <i>Journal of Membrane Biology</i> , 2008, 225, 39-49.	2.1	79
29	Nanoparticles as potential clinical therapeutic agents in Alzheimer's disease: focus on selenium nanoparticles. <i>Expert Review of Clinical Pharmacology</i> , 2017, 10, 773-782.	3.1	77
30	Inhibitory effects of melatonin on neural lipid peroxidation induced by intracerebroventricularly administered homocysteine. <i>Journal of Pineal Research</i> , 2003, 34, 36-39.	7.4	75
31	Effects of Selenium on Calcium Signaling and Apoptosis in Rat Dorsal Root Ganglion Neurons Induced by Oxidative Stress. <i>Neurochemical Research</i> , 2012, 37, 1631-1638.	3.3	75
32	The neuroprotective action of dexmedetomidine on apoptosis, calcium entry and oxidative stress in cerebral ischemia-induced rats: Contribution of TRPM2 and TRPV1 channels. <i>Scientific Reports</i> , 2016, 6, 37196.	3.3	75
33	Multivitamin and mineral supplementation modulates oxidative stress and antioxidant vitamin levels in serum and follicular fluid of women undergoing in vitro fertilization. <i>Fertility and Sterility</i> , 2010, 94, 2465-2466.	1.0	71
34	Effects of Multivitamin/Mineral Supplementation on Trace Element Levels in Serum and Follicular Fluid of Women Undergoing in Vitro Fertilization (IVF). <i>Biological Trace Element Research</i> , 2011, 139, 1-9.	3.5	71
35	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.	3.5	71
36	Reduction in traumatic brain injury-induced oxidative stress, apoptosis, and calcium entry in rat hippocampus by melatonin: Possible involvement of TRPM2 channels. <i>Metabolic Brain Disease</i> , 2015, 30, 223-231.	2.9	71

#	ARTICLE	IF	CITATIONS
37	Protective Role of Intraperitoneally Administered Vitamin E and Selenium on the Antioxidative Defense Mechanisms in Rats with Diabetes Induced by Streptozotocin. <i>Biological Trace Element Research</i> , 2001, 79, 149-159.	3.5	67
38	Neuroprotection induced by N-acetylcysteine against cytosolic glutathione depletion-induced Ca ²⁺ influx in dorsal root ganglion neurons of mice: Role of TRPV1 channels. <i>Neuroscience</i> , 2013, 242, 151-160.	2.3	67
39	Investigation of the effects of distance from sources on apoptosis, oxidative stress and cytosolic calcium accumulation via TRPV1 channels induced by mobile phones and Wi-Fi in breast cancer cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2756-2765.	2.6	67
40	Protective effects of vitamin E on carbon tetrachloride-induced liver damage in rats. , 1999, 17, 253-259.		66
41	Wi-Fi (2.45ÂGHz)- and Mobile Phone (900 and 1800ÂMHz)-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.	3.5	66
42	Recent Reports of Wi-Fi and Mobile Phone-Induced Radiation on Oxidative Stress and Reproductive Signaling Pathways in Females and Males. <i>Journal of Membrane Biology</i> , 2013, 246, 869-875.	2.1	65
43	Resveratrol attenuates hypoxia-induced neuronal cell death, inflammation and mitochondrial oxidative stress by modulation of TRPM2 channel. <i>Scientific Reports</i> , 2020, 10, 6449.	3.3	65
44	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.	3.5	64
45	Melatonin modulates 900 MHz microwave-induced lipid peroxidation changes in rat brain. <i>Toxicology and Industrial Health</i> , 2006, 22, 211-216.	1.4	61
46	Dietary vitamin C and E modulates oxidative stress inducedâ€ kidney and lens injury in diabetic aged male rats through modulating glucose homeostasis and antioxidant systems. <i>Cell Biochemistry and Function</i> , 2011, 29, 287-293.	2.9	61
47	Hypericum perforatum Attenuates Spinal Cord Injury-Induced Oxidative Stress and Apoptosis in the Dorsal Root Ganglion of Rats: Involvement of TRPM2 and TRPV1 Channels. <i>Molecular Neurobiology</i> , 2016, 53, 3540-3551.	4.0	61
48	The effects of hormone replacement therapy combined with vitamins C and E on antioxidants levels and lipid profiles in postmenopausal women with Type 2 diabetes. <i>Clinica Chimica Acta</i> , 2004, 344, 63-71.	1.1	60
49	Glutathione Modulates Ca ²⁺ Influx and Oxidative Toxicity Through TRPM2 Channel in Rat Dorsal Root Ganglion Neurons. <i>Journal of Membrane Biology</i> , 2011, 242, 109-118.	2.1	59
50	Effects of vitamin E supplementation on blood antioxidants levels in patients with Behçetâ€™s disease. <i>Clinical Biochemistry</i> , 2002, 35, 633-639.	1.9	58
51	N-Acetylcysteine and Selenium Modulate Oxidative Stress, Antioxidant Vitamin and Cytokine Values in Traumatic Brain Injury-Induced Rats. <i>Neurochemical Research</i> , 2014, 39, 685-692.	3.3	58
52	Curcumin inhibits apoptosis by regulating intracellular calcium release, reactive oxygen species and mitochondrial depolarization levels in SH-SY5Y neuronal cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2016, 36, 395-401.	2.5	58
53	Ovariectomy-Induced Mitochondrial Oxidative Stress, Apoptosis, and Calcium Ion Influx Through TRPA1, TRPM2, and TRPV1 Are Prevented by 17Î²-Estradiol, Tamoxifen, and Raloxifene in the Hippocampus and Dorsal Root Ganglion of Rats. <i>Molecular Neurobiology</i> , 2017, 54, 7620-7638.	4.0	57
54	Moderate Exercise Combined with Dietary Vitamins C and E Counteracts Oxidative Stress in the Kidney and Lens of Streptozotocin-induced Diabetic Rat. <i>International Journal for Vitamin and Nutrition Research</i> , 2005, 75, 71-80.	1.5	56

#	ARTICLE	IF	CITATIONS
55	Electromagnetic radiation (Wi-Fi) and epilepsy induce calcium entry and apoptosis through activation of TRPV1 channel in hippocampus and dorsal root ganglion of rats. <i>Metabolic Brain Disease</i> , 2014, 29, 787-799.	2.9	56
56	Selenium attenuates apoptosis, inflammation and oxidative stress in the blood and brain of aged rats with scopolamine-induced dementia. <i>Metabolic Brain Disease</i> , 2017, 32, 321-329.	2.9	56
57	Selenium potentiates the anticancer effect of cisplatin against oxidative stress and calcium ion signaling-induced intracellular toxicity in MCF-7 breast cancer cells: involvement of the TRPV1 channel. <i>Journal of Receptor and Signal Transduction Research</i> , 2017, 37, 84-93.	2.5	55
58	Resveratrol Enhances Apoptotic and Oxidant Effects of Paclitaxel through TRPM2 Channel Activation in DBTRG Glioblastoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	54
59	Alpha lipoic acid attenuates hypoxia-induced apoptosis, inflammation and mitochondrial oxidative stress via inhibition of TRPA1 channel in human glioblastoma cell line. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 292-304.	5.6	54
60	Selenium and Psoriasis. <i>Biological Trace Element Research</i> , 2012, 150, 3-9.	3.5	53
61	Effects of antioxidants on calcium influx through TRPM2 channels in transfected cells activated by hydrogen peroxide. <i>Journal of the Neurological Sciences</i> , 2008, 270, 152-158.	0.6	52
62	Role of melatonin on electromagnetic radiation-induced oxidative stress and Ca ²⁺ signaling molecular pathways in breast cancer. <i>Journal of Receptor and Signal Transduction Research</i> , 2012, 32, 290-297.	2.5	52
63	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.	2.1	51
64	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.	2.1	51
65	Selenium Reduces Mobile Phone (900MHz)-Induced Oxidative Stress, Mitochondrial Function, and Apoptosis in Breast Cancer Cells. <i>Biological Trace Element Research</i> , 2014, 160, 285-293.	3.5	49
66	Moderate exercise with a dietary vitamin C and E combination protects against streptozotocin-induced oxidative damage to the blood and improves fetal outcomes in pregnant rats. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004, 42, 511-7.	2.3	48
67	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.	2.9	47
68	Effects of Different Medical Treatments on Serum Copper, Selenium and Zinc Levels in Patients with Rheumatoid Arthritis. <i>Biological Trace Element Research</i> , 2011, 142, 447-455.	3.5	47
69	Role of Contrast Media on Oxidative Stress, Ca ²⁺ Signaling and Apoptosis in Kidney. <i>Journal of Membrane Biology</i> , 2013, 246, 91-100.	2.1	47
70	Apple Cider Vinegar Modulates Serum Lipid Profile, Erythrocyte, Kidney, and Liver Membrane Oxidative Stress in Ovariectomized Mice Fed High Cholesterol. <i>Journal of Membrane Biology</i> , 2014, 247, 667-673.	2.1	47
71	Agomelatine and Duloxetine Synergistically Modulates Apoptotic Pathway by Inhibiting Oxidative Stress Triggered Intracellular Calcium Entry in Neuronal PC12 Cells: Role of TRPM2 and Voltage-Gated Calcium Channels. <i>Journal of Membrane Biology</i> , 2014, 247, 451-459.	2.1	46
72	Selenium Supplementation Modulates Zinc Levels and Antioxidant Values in Blood and Tissues of Diabetic Rats Fed Zinc-Deficient Diet. <i>Biological Trace Element Research</i> , 2013, 152, 243-250.	3.5	45

#	ARTICLE	IF	CITATIONS
73	Long-term exposure to electromagnetic radiation from mobile phones and Wi-Fi devices decreases plasma prolactin, progesterone, and estrogen levels but increases uterine oxidative stress in pregnant rats and their offspring. <i>Endocrine</i> , 2016, 52, 352-362.	2.3	45
74	Synergic prooxidant, apoptotic and TRPV1 channel activator effects of alpha-lipoic acid and cisplatin in MCF-7 breast cancer cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2017, 37, 569-577.	2.5	45
75	Involvement of TRPM2 and TRPV1 channels on hyperalgesia, apoptosis and oxidative stress in rat fibromyalgia model: Protective role of selenium. <i>Scientific Reports</i> , 2017, 7, 17543.	3.3	45
76	Curcumin enhances cisplatin-induced human laryngeal squamous cancer cell death through activation of TRPM2 channel and mitochondrial oxidative stress. <i>Scientific Reports</i> , 2019, 9, 17784.	3.3	45
77	Enhanced Testicular Antioxidant Capacity in Streptozotocin-Induced Diabetic Rats: Protective Role of Vitamins C and E and Selenium. <i>Biological Trace Element Research</i> , 2003, 94, 61-72.	3.5	44
78	Modulator effects of L-carnitine and selenium on wireless devices (2.45 GHz)-induced oxidative stress and electroencephalography records in brain of rat. <i>International Journal of Radiation Biology</i> , 2009, 85, 680-689.	1.8	44
79	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
80	Selenium Reduces Oxidative Stress and Calcium Entry Through TRPV1 Channels in the Neutrophils of Patients with Polycystic Ovary Syndrome. <i>Biological Trace Element Research</i> , 2014, 158, 136-142.	3.5	44
81	5-Fluorouracil-induced mitochondrial oxidative cytotoxicity and apoptosis are increased in MCF-7 human breast cancer cells by TRPV1 channel activation but not <i>Hypericum perforatum</i> treatment. <i>Molecular and Cellular Biochemistry</i> , 2018, 439, 189-198.	3.1	44
82	Protective effects of selenium, vitamin C and vitamin E against oxidative stress of cigarette smoke in rats. , 1999, 17, 1-7.		43
83	Involvement of apoptosis and calcium accumulation through TRPV1 channels in neurobiology of epilepsy. <i>Neuroscience</i> , 2015, 293, 55-66.	2.3	43
84	Psychiatric Disorders and TRP Channels: Focus on Psychotropic Drugs. <i>Current Neuropharmacology</i> , 2015, 13, 248-257.	2.9	43
85	Rose oil (from <i>Rosa Ä— damascena</i> Mill.) vapor attenuates depression-induced oxidative toxicity in rat brain. <i>Journal of Natural Medicines</i> , 2013, 67, 152-158.	2.3	42
86	Melatonin Modulates Hippocampus NMDA Receptors, Blood and Brain Oxidative Stress Levels in Ovariectomized Rats. <i>Journal of Membrane Biology</i> , 2010, 233, 135-142.	2.1	41
87	Diabetes enhances oxidative stress-induced TRPM2 channel activity and its control by N-acetylcysteine in rat dorsal root ganglion and brain. <i>Metabolic Brain Disease</i> , 2016, 31, 385-393.	2.9	41
88	Selenium and Neurological Diseases: Focus on Peripheral Pain and TRP Channels. <i>Current Neuropharmacology</i> , 2020, 18, 501-517.	2.9	41
89	Melatonin modulates apoptosis and TRPM2 channels in transfected cells activated by oxidative stress. <i>Physiology and Behavior</i> , 2012, 107, 458-465.	2.1	40
90	Selenium and Topiramate Attenuates Blood Oxidative Toxicity in Patients with Epilepsy: A Clinical Pilot Study. <i>Biological Trace Element Research</i> , 2013, 152, 180-186.	3.5	40

#	ARTICLE	IF	CITATIONS
91	Assessing the effects of the neonicotinoid insecticide imidacloprid in the cholinergic synapses of the stellate cells of the mouse cochlear nucleus using whole-cell patch-clamp recording. <i>NeuroToxicology</i> , 2010, 31, 113-120.	3.0	39
92	Glutathione Depletion and Parkinsonian Neurotoxin MPP+-Induced TRPM2 Channel Activation Play Central Roles in Oxidative Cytotoxicity and Inflammation in Microglia. <i>Molecular Neurobiology</i> , 2020, 57, 3508-3525.	4.0	39
93	Topiramate and Vitamin E Modulate Antioxidant Enzyme Activities, Nitric Oxide and Lipid Peroxidation Levels in Pentylentetrazolâ€nduced Nephrotoxicity in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 103, 166-170.	2.5	38
94	Selenium Enhances the Apoptotic Efficacy of Docetaxel Through Activation of TRPM2 Channel in DBTRG Glioblastoma Cells. <i>Neurotoxicity Research</i> , 2019, 35, 797-808.	2.7	37
95	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.	3.5	36
96	Lipid Peroxidation and Antioxidants in Plasma and Red Blood Cells from Patients with Pemphigus Vulgaris. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2003, 14, 31-42.	1.3	35
97	Colchicine Modulates Oxidative Stress in Serum and Neutrophil of Patients with BehÃ§et Disease Through Regulation of Ca ²⁺ Release and Antioxidant System. <i>Journal of Membrane Biology</i> , 2011, 244, 113-120.	2.1	35
98	Effects of Selenium and Topiramate on Cytosolic Ca ²⁺ Influx and Oxidative Stress in Neuronal PC12 Cells. <i>Neurochemical Research</i> , 2013, 38, 90-97.	3.3	35
99	Inhibition of the TRPM2 and TRPV1 Channels through <i>Hypericum perforatum</i> in Sciatic Nerve Injury-induced Rats Demonstrates their Key Role in Apoptosis and Mitochondrial Oxidative Stress of Sciatic Nerve and Dorsal Root Ganglion. <i>Frontiers in Physiology</i> , 2017, 8, 335.	2.8	35
100	Levels of lipid peroxidation, nitric oxide, and antioxidant vitamins in plasma of patients with fibromyalgia. <i>Cell Biochemistry and Function</i> , 2009, 27, 181-185.	2.9	34
101	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.	3.5	34
102	Acetylcysteine modulates doxorubicinâ€nduced oxidative stress and antioxidant vitamin concentrations in liver of rats. <i>Cell Biochemistry and Function</i> , 2010, 28, 673-677.	2.9	34
103	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.	2.1	34
104	Activation of TRPM2 and TRPV1 Channels in Dorsal Root Ganglion by NADPH Oxidase and Protein Kinase C Molecular Pathways: a Patch Clamp Study. <i>Journal of Molecular Neuroscience</i> , 2017, 61, 425-435.	2.3	34
105	Mitochondrial oxidative stress-induced brain and hippocampus apoptosis decrease through modulation of caspase activity, Ca ²⁺ influx and inflammatory cytokine molecular pathways in the docetaxel-treated mice by melatonin and selenium treatments. <i>Metabolic Brain Disease</i> , 2019, 34, 1077-1089.	2.9	34
106	Zonisamide Attenuates MPP(+)-Induced Oxidative Toxicity Through Modulation of Ca ²⁺ Signaling and Caspase-3 Activity in Neuronal PC12 Cells. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 205-212.	3.3	33
107	Modulation of oxidative stress, apoptosis, and calcium entry in leukocytes of patients with multiple sclerosis by <i>Hypericum perforatum</i> . <i>Nutritional Neuroscience</i> , 2014, 17, 214-221.	3.1	33
108	Melatonin and selenium reduce plasma cytokine and brain oxidative stress levels in diabetic rats. <i>Brain Injury</i> , 2015, 29, 1490-1496.	1.2	33

#	ARTICLE	IF	CITATIONS
109	Long term exposure to cell phone frequencies (900 and 1800ÂMHz) induces apoptosis, mitochondrial oxidative stress and TRPV1 channel activation in the hippocampus and dorsal root ganglion of rats. <i>Metabolic Brain Disease</i> , 2018, 33, 753-763.	2.9	33
110	Morphine Induces Apoptosis, Inflammation, and Mitochondrial Oxidative Stress via Activation of TRPM2 Channel and Nitric Oxide Signaling Pathways in the Hippocampus. <i>Molecular Neurobiology</i> , 2020, 57, 3376-3389.	4.0	33
111	Acetaminophen at Different Doses Protects Brain Microsomal Ca ²⁺ -ATPase and the Antioxidant Redox System in Rats. <i>Journal of Membrane Biology</i> , 2009, 231, 57-64.	2.1	32
112	Duloxetine Reduces Oxidative Stress, Apoptosis, and Ca ²⁺ Entry Through Modulation of TRPM2 and TRPV1 Channels in the Hippocampus and Dorsal Root Ganglion of Rats. <i>Molecular Neurobiology</i> , 2017, 54, 4683-4695.	4.0	32
113	Targeting breast cancer cells by MRS1477, a positive allosteric modulator of TRPV1 channels. <i>PLoS ONE</i> , 2017, 12, e0179950.	2.5	32
114	Protective role of intraperitoneally administered vitamins C and E and selenium on the levels of lipid peroxidation in the lens of rats made diabetic with streptozotocin. <i>Biological Trace Element Research</i> , 1999, 70, 223-232.	3.5	31
115	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.	1.8	31
116	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
117	Liver antioxidant stores protect the brain from electromagnetic radiation (900 and 1800âMHz)-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.	1.5	31
118	N-acetyl cysteine reduces oxidative toxicity, apoptosis, and calcium entry through TRPV1 channels in the neutrophils of patients with polycystic ovary syndrome. <i>Free Radical Research</i> , 2015, 49, 338-346.	3.3	31
119	Menthol evokes Ca ²⁺ signals and induces oxidative stress independently of the presence of TRPM8 (menthol) receptor in cancer cells. <i>Redox Biology</i> , 2018, 14, 439-449.	9.0	31
120	Antioxidant effects of alpha-, gamma- and succinate-tocopherols in guinea pig retina during ischemia-reperfusion injury. <i>Pathophysiology</i> , 2004, 11, 167-171.	2.2	30
121	2.45-Gz wireless devices induce oxidative stress and proliferation through cytosolic Ca ²⁺ influx in human leukemia cancer cells. <i>International Journal of Radiation Biology</i> , 2012, 88, 449-456.	1.8	30
122	Isotretinoin treatment induces oxidative toxicity in blood of patients with acne vulgaris: a clinical pilot study. <i>Cell Biochemistry and Function</i> , 2012, 30, 552-557.	2.9	30
123	The effect of platelet rich plasma on angiogenesis in ischemic flaps in VEGFR2-luc mice. <i>Biomaterials</i> , 2013, 34, 2674-2682.	11.4	30
124	Inhibitions of anandamide transport and FAAH synthesis decrease apoptosis and oxidative stress through inhibition of TRPV1 channel in an in vitro seizure model. <i>Molecular and Cellular Biochemistry</i> , 2019, 453, 143-155.	3.1	30
125	Antagonist effect of flufenamic acid on TRPM2 cation channels activated by hydrogen peroxide. <i>Cell Biochemistry and Function</i> , 2007, 25, 383-387.	2.9	29
126	Non-steroidal anti-inflammatory drug modulates oxidative stress and calcium ion levels in the neutrophils of patients with primary dysmenorrhea. <i>Journal of Reproductive Immunology</i> , 2013, 100, 87-92.	1.9	29

#	ARTICLE	IF	CITATIONS
127	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.	2.1	29
128	Agomelatine reduces brain, kidney and liver oxidative stress but increases plasma cytokine production in the rats with chronic mild stress-induced depression. <i>Metabolic Brain Disease</i> , 2016, 31, 1445-1453.	2.9	29
129	Dietary Vitamin C and E Modulates Antioxidant Levels in Blood, Brain, Liver, Muscle, and Testes in Diabetic Aged Rats. <i>International Journal for Vitamin and Nutrition Research</i> , 2011, 81, 347-357.	1.5	28
130	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.	3.5	27
131	Vitamin D Supplementation Modulates Blood and Tissue Zinc, Liver Glutathione and Blood Biochemical Parameters in Diabetic Rats on a Zinc-Deficient Diet. <i>Biological Trace Element Research</i> , 2012, 148, 371-377.	3.5	27
132	Protective Effects of Erdosteine and Vitamins C and E Combination on Ischemia-Induced Lung Oxidative Stress and Plasma Copper and Zinc Levels in a Rat Hind Limb Model. <i>Biological Trace Element Research</i> , 2007, 118, 43-52.	3.5	26
133	A novel antagonist of TRPM2 and TRPV4 channels: Carvacrol. <i>Metabolic Brain Disease</i> , 2022, 37, 711-728.	2.9	26
134	Fish Oil and Antipsychotic Drug Risperidone Modulate Oxidative Stress in PC12 Cell Membranes Through Regulation of Cytosolic Calcium Ion Release and Antioxidant System. <i>Journal of Membrane Biology</i> , 2010, 235, 211-218.	2.1	25
135	Selenium Modulates Oxidative Stress-Induced TRPM2 Cation Channel Currents in Transfected Chinese Hamster Ovary Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013, 112, 96-102.	2.5	25
136	Effects of melatonin on Wi-Fi-induced oxidative stress in lens of rats. <i>Indian Journal of Ophthalmology</i> , 2014, 62, 12.	1.1	25
137	Raloxifene and Tamoxifen Reduce PARP Activity, Cytokine and Oxidative Stress Levels in the Brain and Blood of Ovariectomized Rats. <i>Journal of Molecular Neuroscience</i> , 2016, 60, 214-222.	2.3	25
138	N-Acetylcysteine Attenuates Copper Overload-Induced Oxidative Injury in Brain of Rat. <i>Biological Trace Element Research</i> , 2012, 147, 292-298.	3.5	24
139	<i>Hypericum perforatum</i> Modulates Apoptosis and Calcium Mobilization Through Voltage-Gated and TRPM2 Calcium Channels in Neutrophil of Patients with Behcet's Disease. <i>Journal of Membrane Biology</i> , 2014, 247, 253-262.	2.1	24
140	Selenium prevents interferon-gamma induced activation of TRPM2 channel and inhibits inflammation, mitochondrial oxidative stress, and apoptosis in microglia. <i>Metabolic Brain Disease</i> , 2021, 36, 285-298.	2.9	24
141	Role of an N-Terminal Splice Segment in the Activation of the Cation Channel TRPM2 by ADP-Ribose and Hydrogen Peroxide. <i>Neurochemical Research</i> , 2009, 34, 227-233.	3.3	23
142	Colchicine Modulates Oxidative Stress in Serum and Leucocytes from Remission Patients with Family Mediterranean Fever Through Regulation of Ca ²⁺ Release and the Antioxidant System. <i>Journal of Membrane Biology</i> , 2011, 240, 55-62.	2.1	23
143	<i>Capparis ovata</i> Modulates Brain Oxidative Toxicity and Epileptic Seizures in Pentylentetrazol-Induced Epileptic Rats. <i>Neurochemical Research</i> , 2013, 38, 780-788.	3.3	23
144	Elevated hydrostatic pressures induce apoptosis and oxidative stress through mitochondrial membrane depolarization in PC12 neuronal cells: A cell culture model of glaucoma. <i>Journal of Receptor and Signal Transduction Research</i> , 2014, 34, 410-416.	2.5	23

#	ARTICLE	IF	CITATIONS
145	Calorie restriction protects against apoptosis, mitochondrial oxidative stress and increased calcium signaling through inhibition of TRPV1 channel in the hippocampus and dorsal root ganglion of rats. <i>Metabolic Brain Disease</i> , 2018, 33, 1761-1774.	2.9	23
146	Albumin evokes Ca ²⁺ -induced cell oxidative stress and apoptosis through TRPM2 channel in renal collecting duct cells reduced by curcumin. <i>Scientific Reports</i> , 2019, 9, 12403.	3.3	23
147	Curcumin diminishes cisplatin-induced apoptosis and mitochondrial oxidative stress through inhibition of TRPM2 channel signaling pathway in mouse optic nerve. <i>Journal of Receptor and Signal Transduction Research</i> , 2020, 40, 97-108.	2.5	23
148	Melatonin reduces traumatic brain injury-induced oxidative stress in the cerebral cortex and blood of rats. <i>Neural Regeneration Research</i> , 2014, 9, 1112.	3.0	23
149	Protective role of intraperitoneally administered vitamin E and selenium in rats anesthetized with enflurane. <i>Biological Trace Element Research</i> , 1999, 69, 199-209.	3.5	21
150	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.	3.5	21
151	<i>Hypericum perforatum</i> L. supplementation protects sciatic nerve injury-induced apoptotic, inflammatory and oxidative damage to muscle, blood and brain in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 71, 83-92.	2.4	21
152	Melatonin and Selenium Suppress Docetaxel-Induced TRPV1 Activation, Neuropathic Pain and Oxidative Neurotoxicity in Mice. <i>Biological Trace Element Research</i> , 2021, 199, 1469-1487.	3.5	21
153	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.	2.9	20
154	Effects of Vitamins C and E Combination on Element Levels in Blood of Smoker and Nonsmoker Radiology X-Ray Technicians. <i>Biological Trace Element Research</i> , 2010, 136, 140-148.	3.5	20
155	Vitamin E modulates oxidative stress and protein kinase C activator (PMA)-induced TRPM2 channel gate in dorsal root ganglion of rats. <i>Journal of Bioenergetics and Biomembranes</i> , 2013, 45, 541-549.	2.3	20
156	Caffeic acid phenethyl ester modulates aflatoxin B ₁ -induced hepatotoxicity in rats. <i>Cell Biochemistry and Function</i> , 2013, 31, 692-697.	2.9	20
157	Protective Effects of Riboflavin and Selenium on Brain Microsomal 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.	3.5	20
158	Different doses of dexmedetomidine reduce plasma cytokine production, brain oxidative injury, PARP and caspase expression levels but increase liver oxidative toxicity in cerebral ischemia-induced rats. <i>Brain Research Bulletin</i> , 2017, 130, 1-9.	3.0	20
159	Zoledronic Acid, Bevacizumab and Dexamethasone-Induced Apoptosis, Mitochondrial Oxidative Stress, and Calcium Signaling Are Decreased in Human Osteoblast-Like Cell Line by Selenium Treatment. <i>Biological Trace Element Research</i> , 2018, 184, 358-368.	3.5	20
160	Protective effects of intraperitoneal vitamin C, aprotinin and melatonin administration on retinal edema during experimental uveitis in the guinea pig. <i>Cell Biochemistry and Function</i> , 2004, 22, 299-305.	2.9	19
161	Ceftriaxone ameliorates cyclosporine A-induced oxidative nephrotoxicity in rat. <i>Cell Biochemistry and Function</i> , 2011, 29, 102-107.	2.9	19
162	Effects of Antagonists and Heat on TRPM8 Channel Currents in Dorsal Root Ganglion Neuron Activated by Nociceptive Cold Stress and Menthol. <i>Neurochemical Research</i> , 2012, 37, 314-320.	3.3	19

#	ARTICLE	IF	CITATIONS
163	Epilepsy But Not Mobile Phone Frequency (900MHz) Induces Apoptosis and Calcium Entry in Hippocampus of Epileptic Rat: Involvement of TRPV1 Channels. <i>Journal of Membrane Biology</i> , 2015, 248, 83-91.	2.1	19
164	Is caffeic acid phenethyl ester more protective than doxycycline in experimental periodontitis?. <i>Archives of Oral Biology</i> , 2017, 81, 61-68.	1.8	19
165	Selenium attenuates docetaxel-induced apoptosis and mitochondrial oxidative stress in kidney cells. <i>Anti-Cancer Drugs</i> , 2019, 30, 339-346.	1.4	19
166	Interferon Gamma-Mediated Oxidative Stress Induces Apoptosis, Neuroinflammation, Zinc Ion Influx, and TRPM2 Channel Activation in Neuronal Cell Line: Modulator Role of Curcumin. <i>Inflammation</i> , 2021, 44, 1878-1894.	3.8	19
167	Noopept Attenuates Diabetes-Mediated Neuropathic Pain and Oxidative Hippocampal Neurotoxicity via Inhibition of TRPV1 Channel in Rats. <i>Molecular Neurobiology</i> , 2021, 58, 5031-5051.	4.0	19
168	Selenium and Vitamin E Modulates Cigarette Smoke Exposure-Induced Oxidative Stress in Blood of Rats. <i>Biological Trace Element Research</i> , 2009, 131, 62-70.	3.5	18
169	Levels of lipid peroxidation and antioxidant vitamins in plasma and erythrocytes of patients with ankylosing spondylitis. <i>Clinical Biochemistry</i> , 2011, 44, 1412-1415.	1.9	18
170	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.	1.6	18
171	Caffeic Acid Phenethyl Ester Modulates 1800 MHz Microwave-Induced Oxidative Stress in Rat Liver. <i>Electromagnetic Biology and Medicine</i> , 2005, 24, 135-142.	1.4	17
172	Topiramate modulates hippocampus NMDA receptors via brain Ca ²⁺ homeostasis in pentylentetrazol-induced epilepsy of rats. <i>Journal of Receptor and Signal Transduction Research</i> , 2011, 31, 173-179.	2.5	17
173	Effects of 5-Fluorouracil on Oxidative Stress and Calcium Levels in the Blood of Patients with Newly Diagnosed Colorectal Cancer. <i>Biological Trace Element Research</i> , 2013, 155, 327-332.	3.5	17
174	Intracellular Ca ²⁺ and antioxidant values induced positive effect on fertilisation ratio and oocyte quality of granulosa cells in patients undergoing in vitro fertilisation. <i>Reproduction, Fertility and Development</i> , 2013, 25, 746.	0.4	17
175	The Effects of Dietary Selenium and Vitamin E and their Combination on the Fatty Acids of Erythrocytes, Bone Marrow and Spleen Tissue Lipids of Lambs. , 1997, 15, 1-7.		16
176	Electrophysiological properties of ventral cochlear nucleus neurons of the dog. <i>Hearing Research</i> , 2009, 256, 93-103.	2.0	16
177	Role of TRPM2 cation channels in dorsal root ganglion of rats after experimental spinal cord injury. <i>Muscle and Nerve</i> , 2013, 48, 945-950.	2.2	16
178	ADP-Ribose and oxidative stress activate TRPM8 channel in prostate cancer and kidney cells. <i>Scientific Reports</i> , 2019, 9, 4100.	3.3	16
179	Involvement of TRPM2 in the Neurobiology of Experimental Migraine: Focus on Oxidative Stress and Apoptosis. <i>Molecular Neurobiology</i> , 2021, 58, 5581-5601.	4.0	16
180	Protective Role of Selenium and High Dose Vitamin E against Cisplatin - Induced Nephrotoxicity in Rats. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 6877-6882.	1.2	16

#	ARTICLE	IF	CITATIONS
181	TRPM2 Channel Membrane Currents in Primary Rat Megakaryocytes Were Activated by the Agonist ADP-Ribose but Not Oxidative Stress. <i>Journal of Membrane Biology</i> , 2011, 241, 51-57.	2.1	15
182	Effects of Vitamin C and E Combination on Element and Oxidative Stress Levels in the Blood of Operative Patients Under Desflurane Anesthesia. <i>Biological Trace Element Research</i> , 2011, 141, 16-25.	3.5	15
183	<i>Clostridium botulinum</i> neurotoxin A induces apoptosis and mitochondrial oxidative stress via activation of TRPM2 channel signaling pathway in neuroblastoma and glioblastoma tumor cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2020, 40, 620-632.	2.5	15
184	Involvement of TRPM2 Channel on Hypoxia-Induced Oxidative Injury, Inflammation, and Cell Death in Retinal Pigment Epithelial Cells: Modulator Action of Selenium Nanoparticles. <i>Biological Trace Element Research</i> , 2021, 199, 1356-1369.	3.5	15
185	Protective role of intraperitoneally administrated vitamin E and selenium on the levels of total lipid, total cholesterol, and fatty acid composition of muscle and liver tissues in rats. , 1997, 64, 233-241.		14
186	The facilitating effect of cigarette smoke on the colonization of instilled bacteria into the tracheal lumen in rats and the improving influence of supplementary vitamin E on this process. <i>Respirology</i> , 1999, 4, 245-248.	2.3	14
187	Tenoxicam Modulates Antioxidant Redox System and Lipid Peroxidation in Rat Brain. <i>Neurochemical Research</i> , 2008, 33, 1832-1837.	3.3	14
188	Acamprosate Modulates Alcohol-Induced Hippocampal NMDA Receptors and Brain Microsomal Ca ²⁺ -ATPase but Induces Oxidative Stress in Rat. <i>Journal of Membrane Biology</i> , 2010, 237, 51-58.	2.1	14
189	Role of melatonin on calcium signaling and mitochondrial oxidativestress in epilepsy: focus on TRP channels. <i>Turkish Journal of Biology</i> , 2015, 39, 813-821.	0.8	14
190	Modulator role of infliximab and methotrexate through the transient receptor potential melastatin 2 (TRPM2) channel in neutrophils of patients with rheumatoid arthritis: a pilot study. <i>Archives of Medical Science</i> , 2019, 15, 1415-1424.	0.9	14
191	The involvement of TRPM2 on the MPP ⁺ -induced oxidative neurotoxicity and apoptosis in hippocampal neurons from neonatal mice: protective role of resveratrol. <i>Neurological Research</i> , 2022, 44, 636-644.	1.3	14
192	Erdosteine modulates radiocontrast-induced hepatotoxicity in rat. <i>Cell Biochemistry and Function</i> , 2009, 27, 142-147.	2.9	13
193	Effects of homocysteine and memantine on oxidative stress related TRP cation channels in <i>in-vitro</i> model of Alzheimer's disease. <i>Journal of Receptor and Signal Transduction Research</i> , 2021, 41, 273-283.	2.5	13
194	Protective role of selenium on MPP ⁺ and homocysteine-induced TRPM2 channel activation in SH-SY5Y cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2021, , 1-10.	2.5	13
195	Non-Ionic Contrast Media Induces Oxidative Stress and Apoptosis Through Ca ²⁺ Influx in Human Neutrophils. <i>Journal of Membrane Biology</i> , 2012, 245, 833-840.	2.1	12
196	Protective effect of cabergoline on mitochondrial oxidative stress-induced apoptosis is mediated by modulations of TRPM2 in neutrophils of patients with endometriosis. <i>Journal of Bioenergetics and Biomembranes</i> , 2020, 52, 131-142.	2.3	12
197	Selenium and Resveratrol Attenuated Diabetes Mellitus-Mediated Oxidative Retinopathy and Apoptosis via the Modulation of TRPM2 Activity in Mice. <i>Biological Trace Element Research</i> , 2022, 200, 2283-2297.	3.5	11
198	Effects of 50 Hertz-1 mT magnetic field on action potential in isolated rat sciatic nerve. <i>Toxicology and Industrial Health</i> , 2011, 27, 127-132.	1.4	10

#	ARTICLE	IF	CITATIONS
199	Effects of Prenatal and Postnatal Exposure of Wi-Fi on Development of Teeth and Changes in Teeth Element Concentration in Rats. <i>Biological Trace Element Research</i> , 2015, 163, 193-201.	3.5	10
200	Anti-tumor Necrosis Factor Alpha (Infliximab) Attenuates Apoptosis, Oxidative Stress, and Calcium Ion Entry Through Modulation of Cation Channels in Neutrophils of Patients with Ankylosing Spondylitis. <i>Journal of Membrane Biology</i> , 2016, 249, 437-447.	2.1	10
201	Effects of astaxanthin on antioxidant parameters in ARPE-19 cells on oxidative stress model. <i>International Journal of Ophthalmology</i> , 2019, 12, 930-935.	1.1	10
202	Selenium Diminishes Docetaxel-Induced Cell Death, Oxidative Stress, and Inflammation in the Laryngotracheal Epithelium of the Mouse. <i>Biological Trace Element Research</i> , 2020, 196, 184-194.	3.5	10
203	The potential protective roles of zinc, selenium and glutathione on hypoxia-induced TRPM2 channel activation in transfected HEK293 cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2020, 40, 521-530.	2.5	10
204	Curcumin Attenuates Hypoxia-Induced Oxidative Neurotoxicity, Apoptosis, Calcium, and Zinc Ion Influxes in a Neuronal Cell Line: Involvement of TRPM2 Channel. <i>Neurotoxicity Research</i> , 2021, 39, 618-633.	2.7	10
205	The involvement of TRPV4 on the hypoxia-induced oxidative neurotoxicity and apoptosis in a neuronal cell line: Protective role of melatonin. <i>NeuroToxicology</i> , 2021, 87, 136-148.	3.0	10
206	Dietary Hydrogenated Soybean Oil Affects Lipid and Vitamin E Metabolism in Rats. <i>Journal of Nutritional Science and Vitaminology</i> , 2006, 52, 83-88.	0.6	9
207	Effects of Bisphosphonate on Oxidative Stress Levels in Patients With Different Types of Cancer. <i>Cancer Investigation</i> , 2014, 32, 37-42.	1.3	9
208	Bisphenol A-Induced Cell Proliferation and Mitochondrial Oxidative Stress Are Diminished via Modulation of TRPV1 Channel in Estrogen Positive Breast Cancer Cell by Selenium Treatment. <i>Biological Trace Element Research</i> , 2020, 198, 118-130.	3.5	9
209	Vitamin E supplementation modulates gingival crevicular fluid lipid peroxidation and antioxidant levels in patients with orthodontic tooth movement. <i>Cell Biochemistry and Function</i> , 2012, 30, 376-381.	2.9	8
210	Bevacizumab induces oxidative cytotoxicity and apoptosis via TRPM2 channel activation in retinal pigment epithelial cells: Protective role of glutathione. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 1539-1554.	1.9	8
211	Eicosapentaenoic acid enhanced apoptotic and oxidant effects of cisplatin via activation of TRPM2 channel in brain tumor cells. <i>Chemico-Biological Interactions</i> , 2022, 359, 109914.	4.0	8
212	Administration of high dose intravitreal melatonin degenerates retinal cells in guinea pigs. <i>Pathophysiology</i> , 2004, 11, 107-111.	2.2	7
213	Treatment with melatonin and selenium attenuates docetaxel-induced apoptosis and oxidative injury in kidney and testes of mice. <i>Andrologia</i> , 2019, 51, e13320.	2.1	7
214	Glutathione depletion induces oxidative injury and apoptosis via TRPM2 channel activation in renal collecting duct cells. <i>Chemico-Biological Interactions</i> , 2021, 334, 109306.	4.0	7
215	Editorial: Involvements of TRP Channels, Oxidative Stress and Apoptosis in Neurodegenerative Diseases. <i>Frontiers in Physiology</i> , 2021, 12, 649230.	2.8	7
216	Deletion of Mitochondrial Translocator Protein (TSPO) Gene Decreases Oxidative Retinal Pigment Epithelial Cell Death via Modulation of TRPM2 Channel. <i>Biology</i> , 2021, 10, 382.	2.8	7

#	ARTICLE	IF	CITATIONS
217	Paclitaxel Promotes Oxidative Stressâ€Mediated Human Laryngeal Squamous Tumor Cell Death through the Stimulation of Calcium and Zinc Signaling Pathways: No Synergic Action of Melatonin. <i>Biological Trace Element Research</i> , 2022, 200, 2084-2098.	3.5	7
218	Effects of hormone replacement therapy with vitamin C and E supplementation on plasma thyroid hormone levels in postmenopausal women with Type 2 diabetes. <i>Biomedicine and Pharmacotherapy</i> , 2009, 63, 717-722.	5.6	6
219	Extremely low-frequency magnetic field induces manganese accumulation in brain, kidney and liver of rats. <i>Toxicology and Industrial Health</i> , 2015, 31, 576-580.	1.4	6
220	Editorial: Involvements of TRP Channels and Oxidative Stress in Pain. <i>Frontiers in Physiology</i> , 2018, 9, 1084.	2.8	6
221	Carvacrol protects the ARPE19 retinal pigment epithelial cells against high glucose-induced oxidative stress, apoptosis, and inflammation by suppressing the TRPM2 channel signaling pathways. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 0, , .	1.9	6
222	Effects of Cellular Phone- and Wi-Fi-Induced Electromagnetic Radiation on Oxidative Stress and Molecular Pathways in Brain. , 2014, , 2431-2449.		5
223	Amantadine Attenuated Hypoxia-Induced Mitochondrial Oxidative Neurotoxicity, Apoptosis, and Inflammation via the Inhibition of TRPM2 and TRPV4 Channels. <i>Molecular Neurobiology</i> , 2022, 59, 3703-3720.	4.0	5
224	The Effects of Selenium and Vitamin E on some Heamatological and Biochemical Values of Blood in Lambs. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 1996, 20, 185-190.	0.5	5
225	Effects of Vitamin E and Selenium on Rumen Protozoa in Lambs. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 1997, 21, 81-90.	0.5	5
226	Short-Term Ketamine Treatment Decreases Oxidative Stress Without Influencing TRPM2 and TRPV1 Channel Gating in the Hippocampus and Dorsal Root Ganglion of Rats. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 133-144.	3.3	4
227	Microglia and its role in neurodegenerative diseases. <i>Journal of Cellular Neuroscience and Oxidative Stress</i> , 2019, 11, 861-873.	0.2	4
228	Melatonin reduces lens oxidative stress level in STZ-induced diabetic rats through supporting glutathione peroxidase and reduced glutathione values. <i>Journal of Cellular Neuroscience and Oxidative Stress</i> , 2016, 8, 588-594.	0.2	4
229	The Effects of Vitamin E on some Haematological and Biochemical values in the lambs. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 1996, 20, 39-43.	0.5	4
230	TRPM2 Channel Inhibition Attenuates Amyloid Î²42-Induced Apoptosis and Oxidative Stress in the Hippocampus of Mice. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 1335-1353.	3.3	4
231	Effects of Various Storage Temperature and Storage Time on Vitamin E Levels of Fish Muscle. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 1997, 21, 211-214.	0.5	3
232	Rituximab Attenuated Lipopolysaccharide-Induced Oxidative Cytotoxicity, Apoptosis, and Inflammation in the Human Retina Cells via Modulating the TRPM2 Signaling Pathways. <i>Ocular Immunology and Inflammation</i> , 2022, 30, 1315-1328.	1.8	3
233	Editorial (Thematic Issue: Role of Antioxidants Treatments on Oxidative Stress and Calcium Entry in) Tj ETQq1 1 0.784314 rgBT /Overl	2.9	2
234	TRPV1 stimulation increased oxidative neurotoxicity and apoptosis in the glia cell membrane but not in the perinuclear area: An evidence of TRPV1 subtype. <i>Metabolic Brain Disease</i> , 2022, 37, 2291-2304.	2.9	2

#	ARTICLE	IF	CITATIONS
235	Melatonin ameliorates docetaxel-induced mitochondrial oxidative toxicity and cytokine generation in the laryngo-tracheal epithelial cell. <i>Biocell</i> , 2021, 45, 177-188.	0.7	1
236	Is <i>Hypericum perforatum</i> agonist or antagonist of TRPC6 in neurons?. <i>Journal of Cellular Neuroscience and Oxidative Stress</i> , 2016, 8, 595-600.	0.2	1
237	Regeneration of mechanical sciatic nerve injury is affected by cold and heat exposure: involvements of the TRPM2 and TRPM8 channels. <i>International Journal of Burns and Trauma</i> , 2020, 10, 279-295.	0.2	1
238	Increased Resistance to the Convulsive Effects of Penthylenetetrazol in the Hyperammonemic Dogs with Hepatic Failure. <i>Turkish Journal of Medical Sciences</i> , 1996, 26, 227-230.	0.9	1
239	Effects of Injection of HCG and GnRH on Serum Progesterone and Vitamin E in Synchronised Cows with Prostaglandin F ₂ Alpha. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 1997, 21, 393-398.	0.5	1
240	Correlation Between Plasma Levels of Vitamin E and Progesterone in Sheep During Pregnancy and After Parturition. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 1997, 21, 179-182.	0.5	0
241	Changes in Blood Plasma Vitamin E and Some Biochemical Parameters Levels During Different Phases of Pregnancy and at Parturition in Awasi and Akkaraman Ewes. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 1997, 21, 205-210.	0.5	0