

Mustafa NazÄ±roÄlu

List of Publications by Year in descending order

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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	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
2	Paclitaxel Promotes Oxidative Stress-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
3	A novel antagonist of TRPM2 and TRPV4 channels: Carvacrol. <i>Metabolic Brain Disease</i> , 2022, 37, 711-728.	2.9	26
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	Editorial: Involvements of TRP Channels, Oxidative Stress and Apoptosis in Neurodegenerative Diseases. <i>Frontiers in Physiology</i> , 2021, 12, 649230.	2.8	7

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	<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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	Selenium and Neurological Diseases: Focus on Peripheral Pain and TRP Channels. <i>Current Neuropharmacology</i> , 2020, 18, 501-517.	2.9	41
35	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
36	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

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37	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
38	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
39	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
40	ADP-Ribose and oxidative stress activate TRPM8 channel in prostate cancer and kidney cells. <i>Scientific Reports</i> , 2019, 9, 4100.	3.3	16
41	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
42	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
43	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
44	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
45	Selenium attenuates docetaxel-induced apoptosis and mitochondrial oxidative stress in kidney cells. <i>Anti-Cancer Drugs</i> , 2019, 30, 339-346.	1.4	19
46	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
47	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
48	Microglia and its role in neurodegenerative diseases. <i>Journal of Cellular Neuroscience and Oxidative Stress</i> , 2019, 11, 861-873.	0.2	4
49	Long term exposure to cell phone frequencies (900 and 1800 MHz) 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
50	<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
51	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
52	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
53	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
54	Editorial: Involvements of TRP Channels and Oxidative Stress in Pain. <i>Frontiers in Physiology</i> , 2018, 9, 1084.	2.8	6

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55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	Ovariectomy-Induced Mitochondrial Oxidative Stress, Apoptosis, and Calcium Ion Influx Through TRPA1, TRPM2, and TRPV1 Are Prevented by 17 β -Estradiol, Tamoxifen, and Raloxifene in the Hippocampus and Dorsal Root Ganglion of Rats. <i>Molecular Neurobiology</i> , 2017, 54, 7620-7638.	4.0	57
67	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
68	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
69	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
70	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
71	Thermo-Sensitive TRP Channels: Novel Targets for Treating Chemotherapy-Induced Peripheral Pain. <i>Frontiers in Physiology</i> , 2017, 8, 1040.	2.8	90
72	Targeting breast cancer cells by MRS1477, a positive allosteric modulator of TRPV1 channels. <i>PLoS ONE</i> , 2017, 12, e0179950.	2.5	32

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	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
81	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
82	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
83	Is Hypericum perforatum agonist or antagonist of TRPC6 in neurons?. <i>Journal of Cellular Neuroscience and Oxidative Stress</i> , 2016, 8, 595-600.	0.2	1
84	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
85	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
86	Editorial (Thematic Issue: Role of Antioxidants Treatments on Oxidative Stress and Calcium Entry in) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	2.9	2
87	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
88	Riboflavin and Vitamin E Increase Brain Calcium and Antioxidants, and Microsomal 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
89	Involvement of apoptosis and calcium accumulation through TRPV1 channels in neurobiology of epilepsy. <i>Neuroscience</i> , 2015, 293, 55-66.	2.3	43
90	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

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91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	TRPV1 Channel: A Potential Drug Target for Treating Epilepsy. <i>Current Neuropharmacology</i> , 2015, 13, 239-247.	2.9	82
99	Psychiatric Disorders and TRP Channels: Focus on Psychotropic Drugs. <i>Current Neuropharmacology</i> , 2015, 13, 248-257.	2.9	43
100	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
101	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
102	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
103	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
104	<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
105	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
106	Effects of Cellular Phone- and Wi-Fi-Induced Electromagnetic Radiation on Oxidative Stress and Molecular Pathways in Brain. , 2014, , 2431-2449.		5
107	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.	1.5	31
108	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

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109	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
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	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
118	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
119	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
120	Modulation of wireless (2.45 GHz)-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
121	Wi-Fi (2.45 GHz)- and Mobile Phone (900 and 1800 MHz)-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
122	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
123	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
124	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
125	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
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#	ARTICLE	IF	CITATIONS
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