Bilal ǰÄž

List of Publications by Year in descending order

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304368 414034 1,245 33 22 32 h-index citations g-index papers 34 34 34 1649 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	The protective role of selenium against dental amalgam-induced intracellular oxidative toxicity through the TRPV1 channel in DBTRG glioblastoma cells. Journal of Applied Oral Science, 2021, 29, e20200414.	0.7	5
2	Editorial: Emerging Roles of TRP Channels in Brain Pathology. Frontiers in Cell and Developmental Biology, 2021, 9, 705196.	1.8	5
3	Noopept Attenuates Diabetes-Mediated Neuropathic Pain and Oxidative Hippocampal Neurotoxicity via Inhibition of TRPV1 Channel in Rats. Molecular Neurobiology, 2021, 58, 5031-5051.	1.9	19
4	Resveratrol diminishes bisphenol A-induced oxidative stress through TRPM2 channel in the mouse kidney cortical collecting duct cells. Journal of Receptor and Signal Transduction Research, 2020, 40, 570-583.	1.3	14
5	Albumin evokes Ca2+-induced cell oxidative stress and apoptosis through TRPM2 channel in renal collecting duct cells reduced by curcumin. Scientific Reports, 2019, 9, 12403.	1.6	23
6	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. Archives of Medical Science, 2019, 15, 1415-1424.	0.4	14
7	Inhibitions of anandamide transport and FAAH synthesis decrease apoptosis and oxidative stress through inhibition of TRPV1Âchannel in an in vitro seizure model. Molecular and Cellular Biochemistry, 2019, 453, 143-155.	1.4	30
8	Using fluorescent calcium indicators in neuronal ion channel studies. Journal of Cellular Neuroscience and Oxidative Stress, 2019, 11, 9-9.	0.1	0
9	Menthol evokes Ca2+ signals and induces oxidative stress independently of the presence of TRPM8 (menthol) receptor in cancer cells. Redox Biology, 2018, 14, 439-449.	3.9	31
10	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. Metabolic Brain Disease, 2018, 33, 1761-1774.	1.4	23
11	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. Journal of Receptor and Signal Transduction Research, 2017, 37, 84-93.	1.3	55
12	Involvement of TRPM2 and TRPV1 channels on hyperalgesia, apoptosis and oxidative stress in rat fibromyalgia model: Protective role of selenium. Scientific Reports, 2017, 7, 17543.	1.6	45
13	Inhibition of the TRPM2 and TRPV1 Channels through Hypericum perforatum in Sciatic Nerve Injury-induced Rats Demonstrates their Key Role in Apoptosis and Mitochondrial Oxidative Stress of Sciatic Nerve and Dorsal Root Ganglion. Frontiers in Physiology, 2017, 8, 335.	1.3	35
14	Targeting breast cancer cells by MRS1477, a positive allosteric modulator of TRPV1 channels. PLoS ONE, 2017, 12, e0179950.	1.1	32
15	The neuroprotective action of dexmedetomidine on apoptosis, calcium entry and oxidative stress in cerebral ischemia-induced rats: Contribution of TRPM2 and TRPV1 channels. Scientific Reports, 2016, 6, 37196.	1.6	75
16	Synergic Effects of Doxorubicin and Melatonin on Apoptosis and Mitochondrial Oxidative Stress in MCF-7 Breast Cancer Cells: Involvement of TRPV1 Channels. Journal of Membrane Biology, 2016, 249, 129-140.	1.0	91
17	The efficiency of Poly(<scp>ADP</scp> â€Ribose) Polymerase (<scp>PARP</scp>) cleavage on detection of apoptosis in an experimental model of testicular torsion. International Journal of Experimental Pathology, 2015, 96, 294-300.	0.6	19
18	Epilepsy But Not Mobile Phone Frequency (900ÂMHz) Induces Apoptosis and Calcium Entry in Hippocampus of Epileptic Rat: Involvement of TRPV1 Channels. Journal of Membrane Biology, 2015, 248, 83-91.	1.0	19

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19	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. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 2756-2765.	1.4	67
20	Melatonin and selenium reduce plasma cytokine and brain oxidative stress levels in diabetic rats. Brain Injury, 2015, 29, 1490-1496.	0.6	33
21	Modulation of oxidative stress and Ca2+ mobilization through TRPM2 channels in rat dorsal root ganglion neuron by Hypericum perforatum. Neuroscience, 2014, 263, 27-35.	1.1	29
22	Hypericum perforatum Modulates Apoptosis and Calcium Mobilization Through Voltage-Gated and TRPM2 Calcium Channels in Neutrophil of Patients with Behcet's Disease. Journal of Membrane Biology, 2014, 247, 253-262.	1.0	24
23	Selenium Reduces Mobile Phone (900ÂMHz)-Induced Oxidative Stress, Mitochondrial Function, and Apoptosis in Breast Cancer Cells. Biological Trace Element Research, 2014, 160, 285-293.	1.9	49
24	Neuroprotection induced by N-acetylcysteine against cytosolic glutathione depletion-induced Ca2+ influx in dorsal root ganglion neurons of mice: Role of TRPV1 channels. Neuroscience, 2013, 242, 151-160.	1.1	67
25	Selenium Modulates Oxidative Stressâ€Induced <scp>TRPM</scp> 2 Cation Channel Currents in Transfected Chinese Hamster Ovary Cells. Basic and Clinical Pharmacology and Toxicology, 2013, 112, 96-102.	1.2	25
26	Role of TRPM2 cation channels in dorsal root ganglion of rats after experimental spinal cord injury. Muscle and Nerve, 2013, 48, 945-950.	1.0	16
27	2.45-Gz wireless devices induce oxidative stress and proliferation through cytosolic Ca ²⁺ influx in human leukemia cancer cells. International Journal of Radiation Biology, 2012, 88, 449-456.	1.0	30
28	Melatonin potentiates chemotherapyâ€induced cytotoxicity and apoptosis in rat pancreatic tumor cells. Journal of Pineal Research, 2012, 53, 91-98.	3.4	147
29	Melatonin modulates wireless (2.45GHz)-induced oxidative injury through TRPM2 and voltage gated Ca2+ channels in brain and dorsal root ganglion in rat. Physiology and Behavior, 2012, 105, 683-692.	1.0	74
30	Aminoethoxydiphenyl Borate and Flufenamic Acid Inhibit Ca2+ Influx Through TRPM2 Channels in Rat Dorsal Root Ganglion Neurons Activated by ADP-Ribose and Rotenone. Journal of Membrane Biology, 2011, 241, 69-75.	1.0	51
31	Glutathione Modulates Ca2+ Influx and Oxidative Toxicity Through TRPM2 Channel in Rat Dorsal Root Ganglion Neurons. Journal of Membrane Biology, 2011, 242, 109-118.	1.0	59
32	Colchicine Modulates Oxidative Stress in Serum and Neutrophil of Patients with Behçet Disease Through Regulation of Ca2+ Release and Antioxidant System. Journal of Membrane Biology, 2011, 244, 113-120.	1.0	35
33	RENAL HÜCRELERDE METOTREKSAT KAYNAKLI SİTOTOKSİSİTE: KURKUMİN'İN KORUYUCU ROLÃo Āœniversitesi SaÄŸlık Hizmetleri Meslek Yýksek Okulu Dergisi, 0, , .	æ. İnön O.1	ü