

# Bilal Ä°Ä

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,245  
citations

304368

22  
h-index

414034

32  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1649  
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin potentiates chemotherapy-induced cytotoxicity and apoptosis in rat pancreatic tumor cells. <i>Journal of Pineal Research</i> , 2012, 53, 91-98.	3.4	147
2	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.	1.0	91
3	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.	1.6	75
4	Melatonin modulates wireless (2.45GHz)-induced oxidative injury through TRPM2 and voltage gated Ca <sup>2+</sup> channels in brain and dorsal root ganglion in rat. <i>Physiology and Behavior</i> , 2012, 105, 683-692.	1.0	74
5	Neuroprotection induced by N-acetylcysteine against cytosolic glutathione depletion-induced Ca <sup>2+</sup> influx in dorsal root ganglion neurons of mice: Role of TRPV1 channels. <i>Neuroscience</i> , 2013, 242, 151-160.	1.1	67
6	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.	1.4	67
7	Glutathione Modulates Ca <sup>2+</sup> Influx and Oxidative Toxicity Through TRPM2 Channel in Rat Dorsal Root Ganglion Neurons. <i>Journal of Membrane Biology</i> , 2011, 242, 109-118.	1.0	59
8	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.	1.3	55
9	Aminoethoxydiphenyl Borate and Flufenamic Acid Inhibit Ca <sup>2+</sup> 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
10	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.	1.9	49
11	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.	1.6	45
12	Colchicine Modulates Oxidative Stress in Serum and Neutrophil of Patients with Behçet Disease Through Regulation of Ca <sup>2+</sup> Release and Antioxidant System. <i>Journal of Membrane Biology</i> , 2011, 244, 113-120.	1.0	35
13	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.	1.3	35
14	Melatonin and selenium reduce plasma cytokine and brain oxidative stress levels in diabetic rats. <i>Brain Injury</i> , 2015, 29, 1490-1496.	0.6	33
15	Targeting breast cancer cells by MRS1477, a positive allosteric modulator of TRPV1 channels. <i>PLoS ONE</i> , 2017, 12, e0179950.	1.1	32
16	Menthol evokes Ca <sup>2+</sup> signals and induces oxidative stress independently of the presence of TRPM8 (menthol) receptor in cancer cells. <i>Redox Biology</i> , 2018, 14, 439-449.	3.9	31
17	2.45-Gz wireless devices induce oxidative stress and proliferation through cytosolic Ca <sup>2+</sup> influx in human leukemia cancer cells. <i>International Journal of Radiation Biology</i> , 2012, 88, 449-456.	1.0	30
18	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.	1.4	30

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19	Modulation of oxidative stress and Ca <sup>2+</sup> mobilization through TRPM2 channels in rat dorsal root ganglion neuron by Hypericum perforatum. <i>Neuroscience</i> , 2014, 263, 27-35.	1.1	29
20	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.	1.2	25
21	Hypericum perforatum Modulates Apoptosis and Calcium Mobilization Through Voltage-Gated and TRPM2 Calcium Channels in Neutrophil of Patients with Behçet's Disease. <i>Journal of Membrane Biology</i> , 2014, 247, 253-262.	1.0	24
22	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.	1.4	23
23	Albumin evokes Ca <sup>2+</sup> -induced cell oxidative stress and apoptosis through TRPM2 channel in renal collecting duct cells reduced by curcumin. <i>Scientific Reports</i> , 2019, 9, 12403.	1.6	23
24	The efficiency of Poly(ADP-Ribose) Polymerase (PARP) cleavage on detection of apoptosis in an experimental model of testicular torsion. <i>International Journal of Experimental Pathology</i> , 2015, 96, 294-300.	0.6	19
25	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.	1.0	19
26	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.	1.9	19
27	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.	1.0	16
28	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.	0.4	14
29	Resveratrol diminishes bisphenol A-induced oxidative stress through TRPM2 channel in the mouse kidney cortical collecting duct cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2020, 40, 570-583.	1.3	14
30	The protective role of selenium against dental amalgam-induced intracellular oxidative toxicity through the TRPV1 channel in DBTRG glioblastoma cells. <i>Journal of Applied Oral Science</i> , 2021, 29, e20200414.	0.7	5
31	Editorial: Emerging Roles of TRP Channels in Brain Pathology. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 705196.	1.8	5
32	RENAL HİCRELERDE METOTREKSAT KAYNAKLI SİTOKİNLERİNİN KURKUMİNİN KORUYUCU ROLÜ. <i>Özellikler ve Hizmetleri Meslek Yüksek Okulu Dergisi</i> , 0, .	0.1	1
33	Using fluorescent calcium indicators in neuronal ion channel studies. <i>Journal of Cellular Neuroscience and Oxidative Stress</i> , 2019, 11, 9-9.	0.1	0