Mustafa B A Djamgoz

List of Publications by Year
in descending order

58	2,915	185998 28	168136 53
papers	citations	h-index	g-index

59	59	59	3526
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Voltage-Gated Sodium Channel Expression and Potentiation of Human Breast Cancer Metastasis. Clinical Cancer Research, 2005, 11, 5381-5389.	3.2	410
2	Triple negative breast cancer: Emerging therapeutic modalities and novel combination therapies. Cancer Treatment Reviews, 2018, 62, 110-122.	3.4	273
3	Immuno-Oncology: Emerging Targets and Combination Therapies. Frontiers in Oncology, 2018, 8, 315.	1.3	244
4	The neonatal splice variant of Nav1.5 potentiates in vitro invasive behaviour of MDA-MB-231 human breast cancer cells. Breast Cancer Research and Treatment, 2007, 101, 149-160.	1.1	157
5	Regulation of voltage-gated sodium channel expression in cancer: hormones, growth factors and auto-regulation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130105.	1.8	123
6	Molecular pharmacology of voltage-gated sodium channel expression in metastatic disease: Clinical potential of neonatal Nav1.5 in breast cancer. European Journal of Pharmacology, 2009, 625, 206-219.	1.7	108
7	Alternative splicing of Nav1.5: An electrophysiological comparison of â€˜neonatalâ€™ and â€˜adultâ€™ isoforms and critical involvement of a lysine residue. Journal of Cellular Physiology, 2008, 216, 716-726.	2.0	102
8	Activity-dependent regulation of voltage-gated Na+channel expression in Mat-LyLu rat prostate cancer cell line. Journal of Physiology, 2006, 573, 343-356.	1.3	101
9	Overview of the oncogenic signaling pathways in colorectal cancer: Mechanistic insights. Seminars in Cancer Biology, 2019, 58, 65-79.	4.3	94
10	A novel polyclonal antibody specific for the Nav1.5 voltage-gated Na+ channel â€˜neonatalâ€™ splice form. Journal of Neuroscience Methods, 2005, 147, 88-98.	1.3	92
11	Voltage-gated sodium channel activity promotes prostate cancer metastasis in vivo. Cancer Letters, 2012, 323, 58-61.	3.2	87
12	In Vivo Evidence for Voltage-Gated Sodium Channel Expression in Carcinomas and Potentiation of Metastasis. Cancers, 2019, 11, 1675.	1.7	86
13	Ion transport and cancer: from initiation to metastasis. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130092.	1.8	72
14	Ca2+ Influx through Reverse Mode Na+/Ca2+ Exchange Is Critical for Vascular Endothelial Growth Factor-mediated Extracellular Signal-regulated Kinase (ERK) 1/2 Activation and Angiogenic Functions of Human Endothelial Cells. Journal of Biological Chemistry, 2011, 286, 37919-37931.	1.6	67
15	Proteinâ€“protein interactions involving voltage-gated sodium channels: Post-translational regulation, intracellular trafficking and functional expression. International Journal of Biochemistry and Cell Biology, 2009, 41, 1471-1481.	1.2	63
16	Persistent Current Blockers of Voltage-Gated Sodium Channels: A Clinical Opportunity for Controlling Metastatic Disease. Recent Patents on Anti-Cancer Drug Discovery, 2012, 8, 66-84.	0.8	62
17	Nerve growth factor enhances voltage-gated Na+ channel activity and Transwell migration in Mat-LyLu rat prostate cancer cell line. Journal of Cellular Physiology, 2007, 210, 602-608.	2.0	51
18	Protein kinase A and regulation of neonatal Nav1.5 expression in human breast cancer cells: Activity-dependent positive feedback and cellular migration. International Journal of Biochemistry and Cell Biology, 2010, 42, 346-358.	1.2	51

#	Article	IF	Citations
19	Epidermal growth factor upregulates motility of Matâ€LyLu rat prostate cancer cells partially via voltageâ€gated Na⁺ channel activity. Journal of Cellular Physiology, 2008, 215, 77-81.	2.0	50
20	Intracellular calcium oscillations in strongly metastatic human breast and prostate cancer cells: control by voltage-gated sodium channel activity. European Biophysics Journal, 2016, 45, 735-748.	1.2	49
21	Mesenchymal stem cell differentiation: Control by calciumâ€activated potassium channels. Journal of Cellular Physiology, 2018, 233, 3755-3768.	2.0	45
22	Colorectal cancer invasiveness in vitro: Predominant contribution of neonatal Nav1.5 under normoxia and hypoxia. Journal of Cellular Physiology, 2019, 234, 6582-6593.	2.0	44
23	Nerve input to tumours: Pathophysiological consequences of a dynamic relationship. Biochimica Et Biophysica Acta: Reviews on Cancer, 2020, 1874, 188411.	3.3	42
24	Estrogen and nonâ€genomic upregulation of voltageâ€gated Na⁺ channel activity in MDAâ€MBâ€231 human breast cancer cells: Role in adhesion. Journal of Cellular Physiology, 2010, 224, 527-539.	2.0	38
25	Bioelectrical understanding and engineering of cell biology. Journal of the Royal Society Interface, 2020, 17, 20200013.	1.5	37
26	Caffeic acid phenethyl ester: Inhibition of metastatic cell behaviours via voltage-gated sodium channel in human breast cancer in vitro. International Journal of Biochemistry and Cell Biology, 2016, 71, 111-118.	1.2	34
27	Expression of Na+-dependent citrate transport in a strongly metastatic human prostate cancer PC-3M cell line: regulation by voltage-gated Na+channel activity. Journal of Physiology, 2005, 563, 393-408.	1.3	32
28	Anti-metastatic effect of ranolazine in an in vivo rat model of prostate cancer, and expression of voltage-gated sodium channel protein in human prostate. Prostate Cancer and Prostatic Diseases, 2019, 22, 569-579.	2.0	31
29	Neonatal Nav1.5 protein expression in normal adult human tissues and breast cancer. Pathology Research and Practice, 2017, 213, 900-907.	1.0	29
30	Human Breast Cancer Cells Demonstrate Electrical Excitability. Frontiers in Neuroscience, 2020, 14, 404.	1.4	28
31	ARSENIC: A Review on Exposure Pathways, Accumulation, Mobility and Transmission into the Human Food Chain. Reviews of Environmental Contamination and Toxicology, 2016, 243, 27-51.	0.7	25
32	Pancreatic Cancer (PDAC): Introduction of Evidence-Based Complementary Measures into Integrative Clinical Management. Cancers, 2020, 12, 3096.	1.7	25
33	Serum concentration modifies amplitude and kinetics of voltage-gated Na+ current in the Mat-LyLu cell line of rat prostate cancer. International Journal of Biochemistry and Cell Biology, 2004, 36, 1249-1260.	1.2	22
34	Propranolol inhibits neonatal Nav1.5 activity and invasiveness of MDAâ€MBâ€231 breast cancer cells: Effects of combination with ranolazine. Journal of Cellular Physiology, 2019, 234, 23066-23081.	2.0	20
35	Gabapentin, an Analgesic Used Against Cancerâ€Associated Neuropathic Pain: Effects on Prostate Cancer Progression in an In Vivo Rat Model. Basic and Clinical Pharmacology and Toxicology, 2016, 118, 200-207.	1.2	18
36	Sigma-1 receptors modulate neonatal Nav1.5 ion channels in breast cancer cell lines. European Biophysics Journal, 2016, 45, 671-683.	1.2	16

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37	Combinatorial Therapy of Cancer: Possible Advantages of Involving Modulators of Ionic Mechanisms. Cancers, 2022, 14, 2703.	1.7	11
38	Riluzole: Antiâ€invasive effects on rat prostate cancer cells under normoxic and hypoxic conditions. Basic and Clinical Pharmacology and Toxicology, 2020, 127, 254-264.	1.2	10
39	Neonatal Na_V1.5 channels: pharmacological distinctiveness of a cancerâ€related voltageâ€gated sodium channel splice variant. British Journal of Pharmacology, 2022, 179, 473-486.	2.7	10
40	Anti-invasive effects of minoxidil on human breast cancer cells: combination with ranolazine. Clinical and Experimental Metastasis, 2022, 39, 679-689.	1.7	10
41	Blood pressure and risk of cancer progression â€“ A possible connection with salt and voltage-gated sodium channel. Medical Hypotheses, 2015, 85, 591-593.	0.8	8
42	Cationic Modulation of Voltage-Gated Sodium Channel (Nav1.5): Neonatal Versus Adult Splice Variantsâ€”1. Monovalent (H⁺) Ions. Bioelectricity, 2019, 1, 139-147.	0.6	7
43	Hyponatremia and Cancer Progression: Possible Association with Sodium-Transporting Proteins. Bioelectricity, 2020, 2, 14-20.	0.6	5
44	Integrative Management of Pancreatic Cancer (PDAC): Emerging Complementary Agents and Modalities. Nutrition and Cancer, 2021, , 1-24.	0.9	5
45	Neonatal Nav1.5 Protein Expression in Human Colorectal Cancer: Immunohistochemical Characterization and Clinical Evaluation. Cancers, 2021, 13, 3832.	1.7	5
46	Clinical Potential of Nerve Input to Tumors: A Bioelectricity Perspective. Bioelectricity, 2021, 3, 14-26.	0.6	4
47	Mechanosensitive Ion Channels and Stem Cell Differentiation. Bioelectricity, 2021, 3, 249-254.	0.6	3
48	Society of General Physiologists Symposium on â€œIon Channels and Transporters in Immunity, Inflammation and Antitumor Immunityâ€•(held online on September 11, 2020). Bioelectricity, 2020, 2, 418-423.	0.6	2
49	Ion Transporting Proteins and Cancer: Progress and Perspectives. Reviews of Physiology, Biochemistry and Pharmacology, 2021, , .	0.9	2
50	Bioelectricity of Cancer. Bioelectricity, 2019, 1, 113-113.	0.6	1
51	The Bioelectricity Revolution: A Discussion Among the Founding Associate Editors. Bioelectricity, 2019, 1, 8-15.	0.6	1
52	Comments on: Antiepileptic drugs and prostate cancer risk in the Finnish Randomized Study of Screening for Prostate Cancer. International Journal of Cancer, 2022, 150, 1212-1213.	2.3	1
53	Bioelectricity: From Endogenous Mechanisms to Opportunities in Synthetic Bioengineering. Bioelectricity, 2022, 4, 1-2.	0.6	1
54	Hepatic Arginase - Nitric oxide imbalance: Impact of carcinogenesis and therapeutic effect of sodium channel blockage in an in vivo rat model. Turkish Journal of Biochemistry, 2016, 41, .	0.3	0

#	Article	IF	Citations
55	Cationic Modulation of Voltage-Gated Sodium Channel (Nav1.5): Neonatal Versus Adult Splice Variantsâ€"2. Divalent (Cd2+) and Trivalent (Gd3+) Ions. Bioelectricity, 2019, 1, 148-157.	0.6	0
56	Inaugural Issue. Bioelectricity, 2020, 2, 1-1.	0.6	0
57	Bioelectricity Is the Bridge Where Cancer Meets Neuroscience. Bioelectricity, 2021, 3, 159-160.	0.6	0
58	3rd International Meeting on Cancer and Ion Channels September 16â€"18, 2021; Istanbul Medipol University, Kavacik, Istanbul, Turkey. Bioelectricity, 2021, 3, 292-293.	0.6	0