

Mustafa B A Djamgoz

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,915
citations

185998

28
h-index

168136

53
g-index

59
all docs

59
docs citations

59
times ranked

3526
citing authors

#	ARTICLE	IF	CITATIONS
1	Neonatal Na ^V 1.5 channels: pharmacological distinctiveness of a cancer-related voltage-gated sodium channel splice variant. <i>British Journal of Pharmacology</i> , 2022, 179, 473-486.	2.7	10
2	Comments on: Antiepileptic drugs and prostate cancer risk in the Finnish Randomized Study of Screening for Prostate Cancer. <i>International Journal of Cancer</i> , 2022, 150, 1212-1213.	2.3	1
3	Bioelectricity: From Endogenous Mechanisms to Opportunities in Synthetic Bioengineering. <i>Bioelectricity</i> , 2022, 4, 1-2.	0.6	1
4	Combinatorial Therapy of Cancer: Possible Advantages of Involving Modulators of Ionic Mechanisms. <i>Cancers</i> , 2022, 14, 2703.	1.7	11
5	Anti-invasive effects of minoxidil on human breast cancer cells: combination with ranolazine. <i>Clinical and Experimental Metastasis</i> , 2022, 39, 679-689.	1.7	10
6	Clinical Potential of Nerve Input to Tumors: A Bioelectricity Perspective. <i>Bioelectricity</i> , 2021, 3, 14-26.	0.6	4
7	Integrative Management of Pancreatic Cancer (PDAC): Emerging Complementary Agents and Modalities. <i>Nutrition and Cancer</i> , 2021, , 1-24.	0.9	5
8	Neonatal Nav1.5 Protein Expression in Human Colorectal Cancer: Immunohistochemical Characterization and Clinical Evaluation. <i>Cancers</i> , 2021, 13, 3832.	1.7	5
9	Bioelectricity Is the Bridge Where Cancer Meets Neuroscience. <i>Bioelectricity</i> , 2021, 3, 159-160.	0.6	0
10	3rd International Meeting on Cancer and Ion Channels September 16-18, 2021; Istanbul Medipol University, Kavacik, Istanbul, Turkey. <i>Bioelectricity</i> , 2021, 3, 292-293.	0.6	0
11	Ion Transporting Proteins and Cancer: Progress and Perspectives. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2021, , .	0.9	2
12	Mechanosensitive Ion Channels and Stem Cell Differentiation. <i>Bioelectricity</i> , 2021, 3, 249-254.	0.6	3
13	Nerve input to tumours: Pathophysiological consequences of a dynamic relationship. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188411.	3.3	42
14	Pancreatic Cancer (PDAC): Introduction of Evidence-Based Complementary Measures into Integrative Clinical Management. <i>Cancers</i> , 2020, 12, 3096.	1.7	25
15	Inaugural Issue. <i>Bioelectricity</i> , 2020, 2, 1-1.	0.6	0
16	Bioelectrical understanding and engineering of cell biology. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200013.	1.5	37
17	Hyponatremia and Cancer Progression: Possible Association with Sodium-Transporting Proteins. <i>Bioelectricity</i> , 2020, 2, 14-20.	0.6	5
18	Human Breast Cancer Cells Demonstrate Electrical Excitability. <i>Frontiers in Neuroscience</i> , 2020, 14, 404.	1.4	28

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19	Riluzole: Anti-invasive effects on rat prostate cancer cells under normoxic and hypoxic conditions. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 127, 254-264.	1.2	10
20	Society of General Physiologists Symposium on "Ion Channels and Transporters in Immunity, Inflammation and Antitumor Immunity" (held online on September 11, 2020). <i>Bioelectricity</i> , 2020, 2, 418-423.	0.6	2
21	Bioelectricity of Cancer. <i>Bioelectricity</i> , 2019, 1, 113-113.	0.6	1
22	Cationic Modulation of Voltage-Gated Sodium Channel (Nav1.5): Neonatal Versus Adult Splice Variants ¹ . Monovalent (H ⁺) Ions. <i>Bioelectricity</i> , 2019, 1, 139-147.	0.6	7
23	In Vivo Evidence for Voltage-Gated Sodium Channel Expression in Carcinomas and Potentiation of Metastasis. <i>Cancers</i> , 2019, 11, 1675.	1.7	86
24	Cationic Modulation of Voltage-Gated Sodium Channel (Nav1.5): Neonatal Versus Adult Splice Variants ² . Divalent (Cd ²⁺) and Trivalent (Gd ³⁺) Ions. <i>Bioelectricity</i> , 2019, 1, 148-157.	0.6	0
25	Propranolol inhibits neonatal Nav1.5 activity and invasiveness of MDA-MB-231 breast cancer cells: Effects of combination with ranolazine. <i>Journal of Cellular Physiology</i> , 2019, 234, 23066-23081.	2.0	20
26	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. <i>Prostate Cancer and Prostatic Diseases</i> , 2019, 22, 569-579.	2.0	31
27	Overview of the oncogenic signaling pathways in colorectal cancer: Mechanistic insights. <i>Seminars in Cancer Biology</i> , 2019, 58, 65-79.	4.3	94
28	Colorectal cancer invasiveness in vitro: Predominant contribution of neonatal Nav1.5 under normoxia and hypoxia. <i>Journal of Cellular Physiology</i> , 2019, 234, 6582-6593.	2.0	44
29	The Bioelectricity Revolution: A Discussion Among the Founding Associate Editors. <i>Bioelectricity</i> , 2019, 1, 8-15.	0.6	1
30	Triple negative breast cancer: Emerging therapeutic modalities and novel combination therapies. <i>Cancer Treatment Reviews</i> , 2018, 62, 110-122.	3.4	273
31	Mesenchymal stem cell differentiation: Control by calcium-activated potassium channels. <i>Journal of Cellular Physiology</i> , 2018, 233, 3755-3768.	2.0	45
32	Immuno-Oncology: Emerging Targets and Combination Therapies. <i>Frontiers in Oncology</i> , 2018, 8, 315.	1.3	244
33	Neonatal Nav1.5 protein expression in normal adult human tissues and breast cancer. <i>Pathology Research and Practice</i> , 2017, 213, 900-907.	1.0	29
34	ARSENIC: A Review on Exposure Pathways, Accumulation, Mobility and Transmission into the Human Food Chain. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 243, 27-51.	0.7	25
35	Sigma-1 receptors modulate neonatal Nav1.5 ion channels in breast cancer cell lines. <i>European Biophysics Journal</i> , 2016, 45, 671-683.	1.2	16
36	Hepatic Arginase - Nitric oxide imbalance: Impact of carcinogenesis and therapeutic effect of sodium channel blockage in an in vivo rat model. <i>Turkish Journal of Biochemistry</i> , 2016, 41, .	0.3	0

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37	Intracellular calcium oscillations in strongly metastatic human breast and prostate cancer cells: control by voltage-gated sodium channel activity. <i>European Biophysics Journal</i> , 2016, 45, 735-748.	1.2	49
38	Gabapentin, an Analgesic Used Against Cancer-Associated Neuropathic Pain: Effects on Prostate Cancer Progression in an <i>In Vivo</i> Rat Model. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 118, 200-207.	1.2	18
39	Caffeic acid phenethyl ester: Inhibition of metastatic cell behaviours via voltage-gated sodium channel in human breast cancer in vitro. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 71, 111-118.	1.2	34
40	Blood pressure and risk of cancer progression – A possible connection with salt and voltage-gated sodium channel. <i>Medical Hypotheses</i> , 2015, 85, 591-593.	0.8	8
41	Ion transport and cancer: from initiation to metastasis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130092.	1.8	72
42	Regulation of voltage-gated sodium channel expression in cancer: hormones, growth factors and auto-regulation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130105.	1.8	123
43	Voltage-gated sodium channel activity promotes prostate cancer metastasis in vivo. <i>Cancer Letters</i> , 2012, 323, 58-61.	3.2	87
44	Persistent Current Blockers of Voltage-Gated Sodium Channels: A Clinical Opportunity for Controlling Metastatic Disease. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2012, 8, 66-84.	0.8	62
45	Ca ²⁺ Influx through Reverse Mode Na ⁺ /Ca ²⁺ Exchange Is Critical for Vascular Endothelial Growth Factor-mediated Extracellular Signal-regulated Kinase (ERK) 1/2 Activation and Angiogenic Functions of Human Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 37919-37931.	1.6	67
46	Estrogen and non-genomic upregulation of voltage-gated Na ⁺ channel activity in MDA-MB-231 human breast cancer cells: Role in adhesion. <i>Journal of Cellular Physiology</i> , 2010, 224, 527-539.	2.0	38
47	Protein kinase A and regulation of neonatal Nav1.5 expression in human breast cancer cells: Activity-dependent positive feedback and cellular migration. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 346-358.	1.2	51
48	Molecular pharmacology of voltage-gated sodium channel expression in metastatic disease: Clinical potential of neonatal Nav1.5 in breast cancer. <i>European Journal of Pharmacology</i> , 2009, 625, 206-219.	1.7	108
49	Protein-protein interactions involving voltage-gated sodium channels: Post-translational regulation, intracellular trafficking and functional expression. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1471-1481.	1.2	63
50	Epidermal growth factor upregulates motility of Mat-LyLu rat prostate cancer cells partially via voltage-gated Na ⁺ channel activity. <i>Journal of Cellular Physiology</i> , 2008, 215, 77-81.	2.0	50
51	Alternative splicing of Nav1.5: An electrophysiological comparison of neonatal and adult isoforms and critical involvement of a lysine residue. <i>Journal of Cellular Physiology</i> , 2008, 216, 716-726.	2.0	102
52	Nerve growth factor enhances voltage-gated Na ⁺ channel activity and Transwell migration in Mat-LyLu rat prostate cancer cell line. <i>Journal of Cellular Physiology</i> , 2007, 210, 602-608.	2.0	51
53	The neonatal splice variant of Nav1.5 potentiates in vitro invasive behaviour of MDA-MB-231 human breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2007, 101, 149-160.	1.1	157
54	Activity-dependent regulation of voltage-gated Na ⁺ channel expression in Mat-LyLu rat prostate cancer cell line. <i>Journal of Physiology</i> , 2006, 573, 343-356.	1.3	101

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55	Expression of Na ⁺ -dependent citrate transport in a strongly metastatic human prostate cancer PC-3M cell line: regulation by voltage-gated Na ⁺ channel activity. <i>Journal of Physiology</i> , 2005, 563, 393-408.	1.3	32
56	A novel polyclonal antibody specific for the Nav1.5 voltage-gated Na ⁺ channel α -neonatal TM splice form. <i>Journal of Neuroscience Methods</i> , 2005, 147, 88-98.	1.3	92
57	Voltage-Gated Sodium Channel Expression and Potentiation of Human Breast Cancer Metastasis. <i>Clinical Cancer Research</i> , 2005, 11, 5381-5389.	3.2	410
58	Serum concentration modifies amplitude and kinetics of voltage-gated Na ⁺ current in the Mat-LyLu cell line of rat prostate cancer. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 1249-1260.	1.2	22