

Beatrice Mihaela Radu

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

938
citations

516215

16
h-index

454577

30
g-index

45
all docs

45
docs citations

45
times ranked

1177
citing authors

#	ARTICLE	IF	CITATIONS
1	Ca ²⁺ homeostasis in brain microvascular endothelial cells. <i>International Review of Cell and Molecular Biology</i> , 2021, 362, 55-110.	1.6	12
2	Evolution of mathematical models of cardiomyocyte electrophysiology. <i>Mathematical Biosciences</i> , 2021, 334, 108567.	0.9	16
3	Lab-on-a-Chip Platforms as Tools for Drug Screening in Neuropathologies Associated with Blood-Brain Barrier Alterations. <i>Biomolecules</i> , 2021, 11, 916.	1.8	21
4	Assessment of proarrhythmogenic risk for chloroquine and hydroxychloroquine using the CiPA concept. <i>European Journal of Pharmacology</i> , 2021, 913, 174632.	1.7	12
5	Exosomes as intercellular communication messengers for cardiovascular and cerebrovascular diseases. , 2020, , 199-238.		5
6	Using Onset-of-Block Kinetic Analysis of hERG1 Current with a Markov Model to Improve in silico Proarrhythmogenic Risk Prediction. <i>Biophysical Journal</i> , 2020, 118, 265a.	0.2	1
7	Altered Organelle Calcium Transport in Ovarian Physiology and Cancer. <i>Cancers</i> , 2020, 12, 2232.	1.7	6
8	Extracellular Vesicles in Cancer. , 2020, , .		5
9	Role of microRNAs as Clinical Cancer Biomarkers for Ovarian Cancer: A Short Overview. <i>Cells</i> , 2020, 9, 169.	1.8	57
10	G Protein-Coupled Receptors (GPCRs)-Mediated Calcium Signaling in Ovarian Cancer: Focus on GPCRs activated by Neurotransmitters and Inflammation-Associated Molecules. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5568.	1.8	33
11	Recording of multiple ion current components and action potentials in human induced pluripotent stem cell-derived cardiomyocytes via automated patch-clamp. <i>Journal of Pharmacological and Toxicological Methods</i> , 2019, 100, 106599.	0.3	17
12	RNA-Binding Proteins HuB, HuC, and HuD are Distinctly Regulated in Dorsal Root Ganglia Neurons from STZ-Sensitive Compared to STZ-Resistant Diabetic Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1965.	1.8	6
13	Low Level Laser Modulation of Calcium Channels Leads to Neuronal Extensions Growth. , 2019, , .		0
14	Alterations in Calcium Signaling Pathways in Breast Cancer. , 2018, , .		2
15	Muscle Changes During Atrophy. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1088, 73-92.	0.8	36
16	Beta-Estradiol Regulates Voltage-Gated Calcium Channels and Estrogen Receptors in Telocytes from Human Myometrium. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1413.	1.8	31
17	Nonsteroidal anti-inflammatory drugs in clinical and experimental epilepsy. <i>Epilepsy Research</i> , 2017, 131, 15-27.	0.8	37
18	All muscarinic acetylcholine receptors (M1-M5) are expressed in murine brain microvascular endothelium. <i>Scientific Reports</i> , 2017, 7, 5083.	1.6	40

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19	Telocytes heterogeneity: From cellular morphology to functional evidence. <i>Seminars in Cell and Developmental Biology</i> , 2017, 64, 26-39.	2.3	63
20	Calcium Signaling in Interstitial Cells: Focus on Telocytes. <i>International Journal of Molecular Sciences</i> , 2017, 18, 397.	1.8	24
21	Acid-Sensing Ion Channels as Potential Pharmacological Targets in Peripheral and Central Nervous System Diseases. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016, 103, 137-167.	1.0	9
22	Electrophysiological Features of Telocytes. <i>Advances in Experimental Medicine and Biology</i> , 2016, 913, 287-302.	0.8	6
23	Uterine Telocytes: A Review of Current Knowledge ¹ . <i>Biology of Reproduction</i> , 2015, 93, 10.	1.2	63
24	Isolated human uterine telocytes: immunocytochemistry and electrophysiology of T-type calcium channels. <i>Histochemistry and Cell Biology</i> , 2015, 143, 83-94.	0.8	65
25	Are they in or out? The elusive interaction between Qtracker [®] 800 vascular labels and brain endothelial cells. <i>Nanomedicine</i> , 2015, 10, 3329-3342.	1.7	3
26	Unleashing the Potential of Brain Endothelial Cells in Epilepsy. <i>Journal of Neurology & Stroke</i> , 2015, 3, .	0.0	0
27	Advanced Type 1 Diabetes is Associated with ASIC Alterations in Mouse Lower Thoracic Dorsal Root Ganglia Neurons. <i>Cell Biochemistry and Biophysics</i> , 2014, 68, 9-23.	0.9	14
28	Near-infrared low-level laser stimulation of telocytes from human myometrium. <i>Lasers in Medical Science</i> , 2014, 29, 1867-1874.	1.0	57
29	Diabetic Neuropathy: Promises and Disappointments from Benchside to Bedside. <i>Journal of Neurology & Stroke</i> , 2014, 1, .	0.0	1
30	New players in the neurovascular unit: Insights from experimental and clinical epilepsy. <i>Neurochemistry International</i> , 2013, 63, 652-659.	1.9	22
31	TRPV1 Properties in Thoracic Dorsal Root Ganglia Neurons are Modulated by Intraperitoneal Capsaicin Administration in the Late Phase of Type-1 Autoimmune Diabetes. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 187-196.	1.7	14
32	Telocytes: ultrastructural, immunohistochemical and electrophysiological characteristics in human myometrium. <i>Reproduction</i> , 2013, 145, 357-370.	1.1	148
33	Neurovascular Unit in Chronic Pain. <i>Mediators of Inflammation</i> , 2013, 2013, 1-18.	1.4	27
34	Dual Effect of Methylglyoxal on the Intracellular Ca ²⁺ Signaling and Neurite Outgrowth in Mouse Sensory Neurons. <i>Cellular and Molecular Neurobiology</i> , 2012, 32, 1047-1057.	1.7	28
35	Capsaicin short term administration effect on different immune parameters. <i>Roumanian Archives of Microbiology and Immunology</i> , 2012, 71, 221-54.	0.1	2
36	Mechanisms of Ceftazidime and Ciprofloxacin Transport through Porins in Multidrug-Resistance Developed by Extended-Spectrum Beta-Lactamase E.coli Strains. <i>Journal of Fluorescence</i> , 2011, 21, 1421-1429.	1.3	6

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37	Evaluation of Antimicrobial Activity of New Mastoparan Derivatives Using QSAR and Computational Mutagenesis. <i>International Journal of Peptide Research and Therapeutics</i> , 2011, 17, 7-17.	0.9	13
38	Hyperici herba extract interaction with artificial lipid bilayers. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 56, 1283-1289.	1.2	6
39	Gender-Differences in Mice Hypericin Plasma Levels Upon Long-Term Hypericum Administration. <i>Open Natural Products Journal</i> , 2009, 2, 68-70.	0.8	0
40	A fluorescence approach of the gamma radiation effects on gramicidin A inserted in liposomes. <i>Journal of Peptide Science</i> , 2008, 14, 1003-1009.	0.8	0
41	Gender-dependent regulation of G-protein-gated inwardly rectifying potassium current in dorsal raphe neurons in knock-out mice devoid of the 5-hydroxytryptamine transporter. <i>Journal of Neurobiology</i> , 2006, 66, 1475-1488.	3.7	14
42	Extracellular trypsin increases ASIC1a selectivity for monovalent versus divalent cations. <i>Journal of Neuroscience Methods</i> , 2005, 144, 241-248.	1.3	16