

Marijke De Bock

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,484
citations

430874

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580821

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docs citations

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times ranked

2223
citing authors

#	ARTICLE	IF	CITATIONS
1	The connexin43 mimetic peptide Gap19 inhibits hemichannels without altering gap junctional communication in astrocytes. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 306.	3.7	151
2	Endothelial calcium dynamics, connexin channels and blood-brain barrier function. <i>Progress in Neurobiology</i> , 2013, 108, 1-20.	5.7	141
3	Connexin Channels Provide a Target to Manipulate Brain Endothelial Calcium Dynamics and Blood-Brain Barrier Permeability. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1942-1957.	4.3	135
4	Into rather unexplored terrain-transcellular transport across the blood-brain barrier. <i>Glia</i> , 2016, 64, 1097-1123.	4.9	118
5	Connexin targeting peptides as inhibitors of voltage- and intracellular Ca ²⁺ -triggered Cx43 hemichannel opening. <i>Neuropharmacology</i> , 2013, 75, 506-516.	4.1	108
6	Connexin 43 Hemichannels Contribute to Cytoplasmic Ca ²⁺ Oscillations by Providing a Bimodal Ca ²⁺ -dependent Ca ²⁺ Entry Pathway. <i>Journal of Biological Chemistry</i> , 2012, 287, 12250-12266.	3.4	105
7	Pannexin1 as mediator of inflammation and cell death. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 51-61.	4.1	85
8	Peptides and peptide-derived molecules targeting the intracellular domains of Cx43: Gap junctions versus hemichannels. <i>Neuropharmacology</i> , 2013, 75, 491-505.	4.1	78
9	The dual face of connexin-based astroglial Ca ²⁺ communication: A key player in brain physiology and a prime target in pathology. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2211-2232.	4.1	74
10	A new angle on blood-CNS interfaces: A role for connexins?. <i>FEBS Letters</i> , 2014, 588, 1259-1270.	2.8	72
11	Neurological manifestations of oculodentodigital dysplasia: a Cx43 channelopathy of the central nervous system?. <i>Frontiers in Pharmacology</i> , 2013, 4, 120.	3.5	57
12	Targeting MAPK phosphorylation of Connexin43 provides neuroprotection in stroke. <i>Journal of Experimental Medicine</i> , 2019, 216, 916-935.	8.5	50
13	Low extracellular Ca ²⁺ conditions induce an increase in brain endothelial permeability that involves intercellular Ca ²⁺ waves. <i>Brain Research</i> , 2012, 1487, 78-87.	2.2	48
14	Calcium, oxidative stress and connexin channels, a harmonious orchestra directing the response to radiotherapy treatment?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1099-1120.	4.1	48
15	Connexin Channels at the Glio-Vascular Interface: Gatekeepers of the Brain. <i>Neurochemical Research</i> , 2017, 42, 2519-2536.	3.3	38
16	At the cross-point of connexins, calcium, and ATP: blocking hemichannels inhibits vasoconstriction of rat small mesenteric arteries. <i>Cardiovascular Research</i> , 2017, 113, 195-206.	3.8	37
17	Cx43 channels and signaling via IP ₃ /Ca ²⁺ , ATP, and ROS/NO propagate radiation-induced DNA damage to non-irradiated brain microvascular endothelial cells. <i>Cell Death and Disease</i> , 2020, 11, 194.	6.3	34
18	Intracellular Cleavage of the Cx43 C-Terminal Domain by Matrix-Metalloproteases: A Novel Contributor to Inflammation?. <i>Mediators of Inflammation</i> , 2015, 2015, 1-18.	3.0	32

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19	The Effect of <i>Helicobacter felis</i> and <i>Helicobacter bizzozeronii</i> on the Gastric Mucosa in Mongolian Gerbils: a Sequential Pathological Study. <i>Journal of Comparative Pathology</i> , 2006, 135, 226-236.	0.4	19
20	Fluoxetine suppresses calcium signaling in human T lymphocytes through depletion of intracellular calcium stores. <i>Cell Calcium</i> , 2015, 58, 254-263.	2.4	15
21	Calcium, a pivotal player in photodynamic therapy?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1805-1814.	4.1	15
22	Flash Photolysis of Caged IP ₃ to Trigger Intercellular Ca ²⁺ Waves. <i>Cold Spring Harbor Protocols</i> , 2015, 2015, pdb.prot076570.	0.3	9
23	Electroporation Loading of Membrane-Impermeable Molecules to Investigate Intra- and Intercellular Ca ²⁺ Signaling. <i>Cold Spring Harbor Protocols</i> , 2015, 2015, pdb.prot076562.	0.3	7
24	Electroporation Loading and Flash Photolysis to Investigate Intra- and Intercellular Ca ²⁺ Signaling. <i>Cold Spring Harbor Protocols</i> , 2015, 2015, pdb.top066068.	0.3	5
25	Electroporation Loading and Dye Transfer: A Safe and Robust Method to Probe Gap Junctional Coupling. <i>Methods in Molecular Biology</i> , 2016, 1437, 155-169.	0.9	3