

Radoslaw Dobrowolski

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,255
citations

331538

21
h-index

477173

29
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33
docs citations

33
times ranked

3527
citing authors

#	ARTICLE	IF	CITATIONS
1	Wnt Signaling Requires Sequestration of Glycogen Synthase Kinase 3 inside Multivesicular Endosomes. <i>Cell</i> , 2010, 143, 1136-1148.	13.5	618
2	The conditional connexin43G138R mouse mutant represents a new model of hereditary oculodentodigital dysplasia in humans. <i>Human Molecular Genetics</i> , 2008, 17, 539-554.	1.4	157
3	Endocytic control of growth factor signalling: multivesicular bodies as signalling organelles. <i>Nature Reviews Molecular Cell Biology</i> , 2012, 13, 53-60.	16.1	149
4	Extracellular Ca ²⁺ Acts as a Mediator of Communication from Neurons to Glia. <i>Science Signaling</i> , 2012, 5, ra8.	1.6	135
5	Connexin-43 upregulation in micrometastases and tumor vasculature and its role in tumor cell attachment to pulmonary endothelium. <i>BMC Medicine</i> , 2008, 6, 20.	2.3	130
6	Dysregulation of Nutrient Sensing and CLEARance in Presenilin Deficiency. <i>Cell Reports</i> , 2016, 14, 2166-2179.	2.9	115
7	Connexin-Caused Genetic Diseases and Corresponding Mouse Models. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 283-296.	2.5	111
8	mTOR-mediated regulation of metabolism in aging. <i>Aging Cell</i> , 2017, 16, 1219-1233.	3.0	98
9	TFEB-driven endocytosis coordinates mTORC1 signaling and autophagy. <i>Autophagy</i> , 2019, 15, 151-164.	4.3	95
10	Some Oculodentodigital Dysplasia-Associated Cx43 Mutations Cause Increased Hemichannel Activity in Addition to Deficient Gap Junction Channels. <i>Journal of Membrane Biology</i> , 2007, 219, 9-17.	1.0	93
11	Presenilin Deficiency or Lysosomal Inhibition Enhances Wnt Signaling through Relocalization of GSK3 to the Late-Endosomal Compartment. <i>Cell Reports</i> , 2012, 2, 1316-1328.	2.9	76
12	The amino acid metabolite homocysteine activates mTORC1 to inhibit autophagy and form abnormal proteins in human neurons and mice. <i>FASEB Journal</i> , 2017, 31, 598-609.	0.2	57
13	The Connexin40A96S mutation from a patient with atrial fibrillation causes decreased atrial conduction velocities and sustained episodes of induced atrial fibrillation in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 65, 19-32.	0.9	52
14	Mouse lens connexin23 (Gje1) does not form functional gap junction channels but causes enhanced ATP release from HeLa cells. <i>European Journal of Cell Biology</i> , 2009, 88, 65-77.	1.6	42
15	Human connexin31.9, unlike its orthologous protein connexin30.2 in the mouse, is not detectable in the human cardiac conduction system. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 553-559.	0.9	41
16	The Connexin40 A96S Mutation Causes Renin-Dependent Hypertension. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1031-1040.	3.0	38
17	The TSG101 protein binds to connexins and is involved in connexin degradation. <i>Experimental Cell Research</i> , 2009, 315, 1053-1062.	1.2	36
18	Dual reporter approaches for identification of Cre efficacy and astrocyte heterogeneity. <i>FASEB Journal</i> , 2012, 26, 4576-4583.	0.2	28

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19	Connexin45 Provides Optimal Atrioventricular Nodal Conduction in the Adult Mouse Heart. <i>Circulation Research</i> , 2012, 111, 1528-1538.	2.0	25
20	Lack of Laminin β 1 in Embryonic Stem Cell-Derived Cardiomyocytes Causes Inhomogeneous Electrical Spreading Despite Intact Differentiation and Function. <i>Stem Cells</i> , 2009, 27, 88-99.	1.4	24
21	The Connexin31 F137L mutant mouse as a model for the human skin disease Erythrokeratoderma variabilis (EKV). <i>Human Molecular Genetics</i> , 2007, 16, 1216-1224.	1.4	23
22	Pathogenic Tau Causes a Toxic Depletion of Nuclear Calcium. <i>Cell Reports</i> , 2020, 32, 107900.	2.9	23
23	Hepatoma-derived growth factor (<i>HDGF</i>) is dispensable for normal mouse development. <i>Developmental Dynamics</i> , 2008, 237, 1875-1885.	0.8	21
24	Age-Dependent Effects of ALK5 Inhibition and Mechanism of Neuroprotection in Neonatal Hypoxic-Ischemic Brain Injury. <i>Developmental Neuroscience</i> , 2017, 39, 338-351.	1.0	14
25	The role of nuclear Ca ²⁺ in maintaining neuronal homeostasis and brain health. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	13
26	Connexin43, but not connexin30, contributes to adult neurogenesis in the dentate gyrus. <i>Brain Research Bulletin</i> , 2018, 136, 91-100.	1.4	12
27	Rab8 attenuates Wnt signaling and is required for mesenchymal differentiation into adipocytes. <i>Journal of Biological Chemistry</i> , 2021, 296, 100488.	1.6	9
28	Moderately Inducing Autophagy Reduces Tertiary Brain Injury after Perinatal Hypoxia-Ischemia. <i>Cells</i> , 2021, 10, 898.	1.8	8
29	Cellular metabolism and lysosomal mTOR signaling. <i>Cell Death in Therapy</i> , 2015, 1, .	0.3	7
30	Mechanisms of tertiary neurodegeneration after neonatal hypoxic-ischemic brain damage. <i>Pediatric Medicine</i> , 0, 5, 28-28.	1.1	4
31	Amino acid metabolites, mTORC1 and aging. <i>Aging</i> , 2017, 9, 1641-1642.	1.4	0
32	RyR-ing up nuclear calcium signaling and CREB-mediated gene expression. <i>Cell Calcium</i> , 2021, 100, 102482.	1.1	0