

Bruce J Nicholson

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

2,365
citations

331670

21
h-index

454955

30
g-index

38
all docs

38
docs citations

38
times ranked

1939
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular junction and mesenchymal factors delineate an endometriosis-specific response of endometrial stromal cells to the mesothelium. <i>Molecular and Cellular Endocrinology</i> , 2022, 539, 111481.	3.2	2
2	Connexins and cAMP Cross-Talk in Cancer Progression and Metastasis. <i>Cancers</i> , 2021, 13, 58.	3.7	10
3	LRG1 is an adipokine that mediates obesity-induced hepatosteatosis and insulin resistance. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	30
4	The Role of Connexin 43 in Lung Disease. <i>Life</i> , 2020, 10, 363.	2.4	8
5	Adipokines Deregulate Cellular Communication via Epigenetic Repression of <i>Gap Junction</i> Loci in Obese Endometrial Cancer. <i>Cancer Research</i> , 2019, 79, 196-208.	0.9	16
6	Induction of Gap Junctional Coupling by Secreted Factor(s) from Mesothelial Cells is Required for the Invasiveness of Endometriosis. <i>FASEB Journal</i> , 2018, 32, 533.17.	0.5	0
7	Permeant-specific gating of connexin 30 hemichannels. <i>Journal of Biological Chemistry</i> , 2017, 292, 19999-20009.	3.4	19
8	Connexin 26 gap junction coupling selectively contributes to reduced adhesivity and increased cell migration. <i>Journal of Cell Science</i> , 2016, 129, 4399-4410.	2.0	23
9	The contribution of <i>Chlamydia</i>-specific CD8⁺ T cells to upper genital tract pathology. <i>Immunology and Cell Biology</i> , 2016, 94, 208-212.	2.3	56
10	Connexin and Pannexin Based Channels in the Nervous System. , 2014, , 257-283.		2
11	The role of connexins in ear and skin physiology â€” Functional insights from disease-associated mutations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 167-178.	2.6	106
12	Cataract-Causing Mutation of Human Connexin 46 Impairs Gap Junction, but Increases Hemichannel Function and Cell Death. <i>PLoS ONE</i> , 2013, 8, e74732.	2.5	37
13	Intercellular Redistribution of cAMP Underlies Selective Suppression of Cancer Cell Growth by Connexin26. <i>PLoS ONE</i> , 2013, 8, e82335.	2.5	27
14	Coregulation of Multiple Signaling Mechanisms in pp60v-Src-Induced Closure of Cx43 Gap Junction Channels. <i>Journal of Membrane Biology</i> , 2012, 245, 495-506.	2.1	15
15	Asymmetric Configurations and N-terminal Rearrangements in Connexin26 Gap Junction Channels. <i>Journal of Molecular Biology</i> , 2011, 405, 724-735.	4.2	63
16	Analysis of Four Connexin26 Mutant Gap Junctions and Hemichannels Reveals Variations in Hexamer Stability. <i>Biophysical Journal</i> , 2010, 98, 1809-1819.	0.5	22
17	Mutation of a Conserved Threonine in the Third Transmembrane Helix of Î±- and Î²-Connexins Creates a Dominant-negative Closed Gap Junction Channel. <i>Journal of Biological Chemistry</i> , 2006, 281, 7994-8009.	3.4	77
18	Insights into mechanisms of growth suppression by Cx26 in HeLa cells. <i>FASEB Journal</i> , 2006, 20, A936.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Structural organization of gap junction channels. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2005, 1711, 99-125.	2.6	204
20	The Permeability of Gap Junction Channels to Probes of Different Size Is Dependent on Connexin Composition and Permeant-Pore Affinities. <i>Biophysical Journal</i> , 2004, 87, 958-973.	0.5	231
21	A Transient Diffusion Model Yields Unitary Gap Junctional Permeabilities from Images of Cell-to-Cell Fluorescent Dye Transfer Between <i>Xenopus</i> Oocytes. <i>Biophysical Journal</i> , 2004, 86, 2058-2077.	0.5	59
22	A Closed Gap Junction Channel State Caused By A Single Site Mutation in the 3rd Transmembrane Helix. <i>Microscopy and Microanalysis</i> , 2004, 10, 1498-1499.	0.4	1
23	Gap junctions “ from cell to molecule. <i>Journal of Cell Science</i> , 2003, 116, 4479-4481.	2.0	70
24	Isolation and characterization of gap junctions from tissue culture cells 1 Edited by W. Baumeister. <i>Journal of Molecular Biology</i> , 2002, 315, 587-600.	4.2	44
25	Size Selectivity Between Gap Junction Channels Composed of Different Connexins. <i>Cell Communication and Adhesion</i> , 2001, 8, 187-192.	1.0	43
26	Dissection of the Molecular Basis of pp60v-src Induced Gating of Connexin 43 Gap Junction Channels. <i>Journal of Cell Biology</i> , 1999, 144, 1033-1045.	5.2	161
27	Selective transfer of endogenous metabolites through gap junctions composed of different connexins. <i>Nature Cell Biology</i> , 1999, 1, 457-459.	10.3	284
28	Different Ionic Selectivities for Connexins 26 and 32 Produce Rectifying Gap Junction Channels. <i>Biophysical Journal</i> , 1999, 77, 2968-2987.	0.5	92
29	Direct Isolation and Analysis of Endogenous Transjunctional ADP from Cx43 Transfected C6 Glioma Cells. <i>Experimental Cell Research</i> , 1998, 239, 82-92.	2.6	62
30	The Pattern of Disulfide Linkages in the Extracellular Loop Regions of Connexin 32 Suggests a Model for the Docking Interface of Gap Junctions. <i>Journal of Cell Biology</i> , 1998, 140, 1187-1197.	5.2	188
31	Structure of gap junction intercellular channels. <i>Current Opinion in Structural Biology</i> , 1996, 6, 183-192.	5.7	184
32	Identification of a proline residue as a transduction element involved in voltage gating of gap junctions. <i>Nature</i> , 1993, 365, 847-849.	27.8	159
33	Comparative analysis of the gap junction protein from rat heart and liver: Is there a tissue specificity of gap junctions?. <i>Cell</i> , 1983, 35, 539-549.	28.9	70