

Bradley Doble

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

9,762
citations

36
h-index

67
g-index

67
ext. papers

10,677
ext. citations

10
avg, IF

5.84
L-index

#	Paper	IF	Citations
61	The ground state of embryonic stem cell self-renewal. <i>Nature</i> , 2008 , 453, 519-23	50.4	2511
60	GSK-3: tricks of the trade for a multi-tasking kinase. <i>Journal of Cell Science</i> , 2003 , 116, 1175-86	5.3	1675
59	A dual-kinase mechanism for Wnt co-receptor phosphorylation and activation. <i>Nature</i> , 2005 , 438, 873-7	50.4	630
58	Functional redundancy of GSK-3alpha and GSK-3beta in Wnt/beta-catenin signaling shown by using an allelic series of embryonic stem cell lines. <i>Developmental Cell</i> , 2007 , 12, 957-71	10.2	373
57	Phosphorylation by p38 MAPK as an alternative pathway for GSK3beta inactivation. <i>Science</i> , 2008 , 320, 667-70	33.3	361
56	Initiation of Wnt signaling: control of Wnt coreceptor Lrp6 phosphorylation/activation via frizzled, dishevelled and axin functions. <i>Development (Cambridge)</i> , 2008 , 135, 367-75	6.6	336
55	GSK-3 is a master regulator of neural progenitor homeostasis. <i>Nature Neuroscience</i> , 2009 , 12, 1390-7	25.5	309
54	Glycogen synthase kinase-3--an overview of an over-achieving protein kinase. <i>Current Drug Targets</i> , 2006 , 7, 1377-88	3	231
53	Glycogen synthase kinase 3alpha-specific regulation of murine hepatic glycogen metabolism. <i>Cell Metabolism</i> , 2007 , 6, 329-37	24.6	225
52	Tissue-specific role of glycogen synthase kinase 3beta in glucose homeostasis and insulin action. <i>Molecular and Cellular Biology</i> , 2008 , 28, 6314-28	4.8	188
51	Beta-catenin enhances Oct-4 activity and reinforces pluripotency through a TCF-independent mechanism. <i>Cell Stem Cell</i> , 2011 , 8, 214-27	18	181
50	Deletion of GSK-3beta in mice leads to hypertrophic cardiomyopathy secondary to cardiomyoblast hyperproliferation. <i>Journal of Clinical Investigation</i> , 2008 , 118, 3609-18	15.9	177
49	The epsilon subtype of protein kinase C is required for cardiomyocyte connexin-43 phosphorylation. <i>Circulation Research</i> , 2000 , 86, 293-301	15.7	160
48	Prevention of amino acid conversion in SILAC experiments with embryonic stem cells. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 1587-97	7.6	156
47	The carboxy-tail of connexin-43 localizes to the nucleus and inhibits cell growth. <i>Molecular and Cellular Biochemistry</i> , 2003 , 242, 35-38	4.2	152
46	R-spondin1 is a high affinity ligand for LRP6 and induces LRP6 phosphorylation and beta-catenin signaling. <i>Journal of Biological Chemistry</i> , 2007 , 282, 15903-11	5.4	146
45	Role of glycogen synthase kinase-3 in cell fate and epithelial-mesenchymal transitions. <i>Cells Tissues Organs</i> , 2007 , 185, 73-84	2.1	144

44	Abnormalities in brain structure and behavior in GSK-3alpha mutant mice. <i>Molecular Brain</i> , 2009 , 2, 35	4.5	138
43	Nucleotide sequence of katG, encoding catalase HPI of Escherichia coli. <i>Journal of Bacteriology</i> , 1988 , 170, 4415-9	3.5	124
42	Glycogen synthase kinase-3 in insulin and Wnt signalling: a double-edged sword?. <i>Biochemical Society Transactions</i> , 2004 , 32, 803-8	5.1	122
41	IL-17 receptor signaling inhibits C/EBPbeta by sequential phosphorylation of the regulatory 2 domain. <i>Science Signaling</i> , 2009 , 2, ra8	8.8	104
40	Phosphorylation of serine 262 in the gap junction protein connexin-43 regulates DNA synthesis in cell-cell contact forming cardiomyocytes. <i>Journal of Cell Science</i> , 2004 , 117, 507-14	5.3	99
39	Selective monoclonal antibody recognition and cellular localization of an unphosphorylated form of connexin43. <i>Experimental Cell Research</i> , 1997 , 236, 127-36	4.2	98
38	Glycogen synthase kinase 3, circadian rhythms, and bipolar disorder: a molecular link in the therapeutic action of lithium. <i>Journal of Circadian Rhythms</i> , 2007 , 5, 3	2.5	90
37	Genetic deficiency of glycogen synthase kinase-3beta corrects diabetes in mouse models of insulin resistance. <i>PLoS Biology</i> , 2008 , 6, e37	9.7	86
36	Basic fibroblast growth factor stimulates connexin-43 expression and intercellular communication of cardiac fibroblasts. <i>Molecular and Cellular Biochemistry</i> , 1995 , 143, 81-7	4.2	76
35	The carboxy-tail of connexin-43 localizes to the nucleus and inhibits cell growth. <i>Molecular and Cellular Biochemistry</i> , 2003 , 242, 35-8	4.2	76
34	Phosphatidylinositol 3-kinase (PI3K) signaling via glycogen synthase kinase-3 (Gsk-3) regulates DNA methylation of imprinted loci. <i>Journal of Biological Chemistry</i> , 2010 , 285, 41337-47	5.4	71
33	Acute protection of ischemic heart by FGF-2: involvement of FGF-2 receptors and protein kinase C. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 282, H1071-80	5.2	68
32	Fibroblast growth factor-2 decreases metabolic coupling and stimulates phosphorylation as well as masking of connexin43 epitopes in cardiac myocytes. <i>Circulation Research</i> , 1996 , 79, 647-58	15.7	67
31	FGF-2-induced negative inotropism and cardioprotection are inhibited by chelerythrine: involvement of sarcolemmal calcium-independent protein kinase C. <i>Journal of Molecular and Cellular Cardiology</i> , 1998 , 30, 2695-709	5.8	55
30	Medulloblastoma stem cells: where development and cancer cross pathways. <i>Pediatric Research</i> , 2012 , 71, 516-22	3.2	47
29	Over-expression of CUG- or AUG-initiated forms of basic fibroblast growth factor in cardiac myocytes results in similar effects on mitosis and protein synthesis but distinct nuclear morphologies. <i>Journal of Molecular and Cellular Cardiology</i> , 1994 , 26, 1045-60	5.8	46
28	GSK-3alpha directly regulates beta-adrenergic signaling and the response of the heart to hemodynamic stress in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2280-91	15.9	44
27	GSK3 Deficiencies in Hematopoietic Stem Cells Initiate Pre-neoplastic State that Is Predictive of Clinical Outcomes of Human Acute Leukemia. <i>Cancer Cell</i> , 2016 , 29, 61-74	24.3	41

26	Regulation of basic fibroblast growth factor (bFGF) and FGF receptors in the heart. <i>Annals of the New York Academy of Sciences</i> , 1995 , 752, 353-69	6.5	37
25	Perinatal phenotype and hypothyroidism are associated with elevated levels of 21.5- to 22-kDa basic fibroblast growth factor in cardiac ventricles. <i>Developmental Biology</i> , 1993 , 157, 507-16	3.1	33
24	Pyruvium Targets CD133 in Human Glioblastoma Brain Tumor-Initiating Cells. <i>Clinical Cancer Research</i> , 2015 , 21, 5324-37	12.9	29
23	Medulloblastoma stem cells: modeling tumor heterogeneity. <i>Cancer Letters</i> , 2013 , 338, 23-31	9.9	25
22	Basic fibroblast growth factor in cultured cardiac myocytes. <i>Annals of the New York Academy of Sciences</i> , 1991 , 638, 244-55	6.5	25
21	Fine-Tuning of the RIG-I-Like Receptor/Interferon Regulatory Factor 3-Dependent Antiviral Innate Immune Response by the Glycogen Synthase Kinase 3/ β Catenin Pathway. <i>Molecular and Cellular Biology</i> , 2015 , 35, 3029-43	4.8	24
20	A Single TCF Transcription Factor, Regardless of Its Activation Capacity, Is Sufficient for Effective Trilineage Differentiation of ESCs. <i>Cell Reports</i> , 2017 , 20, 2424-2438	10.6	21
19	CUG-initiated FGF-2 induces chromatin compaction in cultured cardiac myocytes and in vitro. <i>Journal of Cellular Physiology</i> , 2001 , 186, 457-67	7	21
18	Calcium protects pituitary basic fibroblast growth factors from limited proteolysis by co-purifying proteases. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 173, 1116-22	3.4	18
17	A CD133-AKT-Wnt signaling axis drives glioblastoma brain tumor-initiating cells. <i>Oncogene</i> , 2020 , 39, 1590-1599	9.2	17
16	Ectopic β Catenin expression partially mimics the effects of stabilized β Catenin on embryonic stem cell differentiation. <i>PLoS ONE</i> , 2013 , 8, e65320	3.7	13
15	Wnt activation as a therapeutic strategy in medulloblastoma. <i>Nature Communications</i> , 2020 , 11, 4323	17.4	13
14	Cardiomyocyte gap junctions: a target of growth-promoting signaling. <i>Trends in Cardiovascular Medicine</i> , 1998 , 8, 180-7	6.9	11
13	BMI1 is a therapeutic target in recurrent medulloblastoma. <i>Oncogene</i> , 2019 , 38, 1702-1716	9.2	11
12	Exploring pluripotency with chemical genetics. <i>Cell Stem Cell</i> , 2009 , 4, 98-100	18	10
11	Inhibition of TGF β signaling potentiates the FGF-2-induced stimulation of cardiomyocyte DNA synthesis. <i>Cardiovascular Research</i> , 2004 , 64, 516-25	9.9	10
10	Basic fibroblast growth factor in cardiac myocytes: expression and effects. <i>Developments in Cardiovascular Medicine</i> , 1993 , 55-75		10
9	Gene Expression Profiling in Mouse Embryonic Stem Cells Reveals Glycogen Synthase Kinase-3-Dependent Targets of Phosphatidylinositol 3-Kinase and Wnt/ β Catenin Signaling Pathways. <i>Frontiers in Endocrinology</i> , 2014 , 5, 133	5.7	8

8	Glycogen synthase kinase-3 (Gsk-3) plays a fundamental role in maintaining DNA methylation at imprinted loci in mouse embryonic stem cells. <i>Molecular Biology of the Cell</i> , 2015 , 26, 2139-50	3.5	5
7	ECatenin safeguards the ground state of mouse pluripotency by strengthening the robustness of the transcriptional apparatus. <i>Science Advances</i> , 2020 , 6, eaba1593	14.3	5
6	The responses of neural stem cells to the level of GSK-3 depend on the tissue of origin. <i>Biology Open</i> , 2013 , 2, 812-21	2.2	4
5	Multimerin 1 supports platelet function in vivo and binds to specific GPAGPOGPX motifs in fibrillar collagens that enhance platelet adhesion. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 547-561	15.4	3
4	TCF/LEF regulation of the topologically associated domain ADI promotes mESCs to exit the pluripotent ground state. <i>Cell Reports</i> , 2021 , 36, 109705	10.6	1
3	Arhgef2 regulates mitotic spindle orientation in hematopoietic stem cells and is essential for productive hematopoiesis. <i>Blood Advances</i> , 2021 , 5, 3120-3133	7.8	0
2	The carboxy-tail of connexin-43 localizes to the nucleus and inhibits cell growth 2003 , 35-38		0
1	Effects of Ischemia on Cardiomyocyte Connexin-43 Distribution and Phosphorylation Studied in in vivo and in vitro Models. <i>Progress in Experimental Cardiology</i> , 2004 , 257-268		