James R Woodgett

List of Publications by Year in Descending Order

317 papers	47,557 citations	108 h-index	214 g-index
370 ext. papers	50,433 ext. citations	11.9 avg, IF	7.36 L-index

#	Paper	IF	Citations
317	Multicenter international assessment of a SARS-CoV-2 RT-LAMP test for point of care clinical application.. *PLoS ONE*, **2022**, 17, e0268340	3.7	0
316	Comparison of SARS-CoV-2 indirect and direct RT-qPCR detection methods. *Virology Journal*, **2021**, 18, 99	6.1	8
315	Glycogen synthase kinase 3 alpha/beta deletion induces precocious growth plate remodeling in mice. *Journal of Molecular Medicine*, **2021**, 99, 831-844	5.5	4
314	Single allele loss-of-function mutations select and sculpt conditional cooperative networks in breast cancer. *Nature Communications*, **2021**, 12, 5238	17.4	0
313	GSK-3 mediates nuclear translocation of p62/SQSTM1 in MPTP-induced mouse model of Parkinson disease. *Neuroscience Letters*, **2021**, 763, 136177	3.3	1
312	GSK-3 Contributes to Parkinsonian Dopaminergic Neuron Death: Evidence From Conditional Knockout Mice and Tideglusib. *Frontiers in Molecular Neuroscience*, **2020**, 13, 81	6.1	10
311	Emerging roles of GSK-3 in pathophysiology: Emphasis on cardio-metabolic disorders. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2020**, 1867, 118616	4.9	14
310	Glycogen synthase kinase-3 inhibits tubular regeneration in acute kidney injury by a FoxM1-dependent mechanism. *FASEB Journal*, **2020**, 34, 13597-13608	0.9	7
309	Podocyte GSK3 is an evolutionarily conserved critical regulator of kidney function. *Nature Communications*, **2019**, 10, 403	17.4	27
308	A subgroup of microRNAs defines PTEN-deficient, triple-negative breast cancer patients with poorest prognosis and alterations in RB1, MYC, and Wnt signaling. *Breast Cancer Research*, **2019**, 21, 18	8.3	20
307	Cardiomyocyte-GSK-3 promotes mPTP opening and heart failure in mice with chronic pressure overload. *Journal of Molecular and Cellular Cardiology*, **2019**, 130, 65-75	5.8	13
306	Toronto Workshop on Late Recurrence in Estrogen Receptor-Positive Breast Cancer: Part 2: Approaches to Predict and Identify Late Recurrence, Research Directions. *JNCI Cancer Spectrum*, **2019**, 3, pkz049	4.6	4
305	Toronto Workshop on Late Recurrence in Estrogen Receptor-Positive Breast Cancer: Part 1: Late Recurrence: Current Understanding, Clinical Considerations. *JNCI Cancer Spectrum*, **2019**, 3, pkz050	4.6	6
304	A Low-Therapeutic Dose of Lithium Inhibits GSK3 and Enhances Myoblast Fusion in C2C12 Cells. *Cells*, **2019**, 8,	7.9	13
303	Podocyte GSK3 is important for autophagy and its loss detrimental for glomerular function. *FASEB BioAdvances*, **2019**, 1, 498-510	2.8	6
302	Molecular stratification within triple-negative breast cancer subtypes. *Scientific Reports*, **2019**, 9, 19107	4.9	33
301	A Hematogenous Route for Medulloblastoma Leptomeningeal Metastases. *Cell*, **2018**, 172, 1050-1062.e14	36.2	46

300	Identification of CDC25 as a Common Therapeutic Target for Triple-Negative Breast Cancer. *Cell Reports*, **2018**, 23, 112-126	10.6	38
299	Gimap5-dependent inactivation of GSK3β is required for CD4 T cell homeostasis and prevention of immune pathology. *Nature Communications*, **2018**, 9, 430	17.4	16
298	Isoform-specific requirement for GSK3β in sperm for male fertility. *Biology of Reproduction*, **2018**, 99, 384-394	3.9	20
297	Correction of GSK3β at young age prevents muscle pathology in mice with myotonic dystrophy type 1. *FASEB Journal*, **2018**, 32, 2073-2085	0.9	18
296	Polypharmacological Profiles Underlying the Antitumor Property of Root (Danshen) Interfering with NOX-Dependent Neutrophil Extracellular Traps. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 4908328	6.7	11
295	Gsk3 is a metabolic checkpoint regulator in B cells. *Nature Immunology*, **2017**, 18, 303-312	19.1	141
294	A ZIP6-ZIP10 heteromer controls NCAM1 phosphorylation and integration into focal adhesion complexes during epithelial-to-mesenchymal transition. *Scientific Reports*, **2017**, 7, 40313	4.9	17
293	Glycogen Synthase Kinase 3: A Kinase for All Pathways?. *Current Topics in Developmental Biology*, **2017**, 123, 277-302	5.3	110
292	Xanthatin triggers Chk1-mediated DNA damage response and destabilizes Cdc25C via lysosomal degradation in lung cancer cells. *Toxicology and Applied Pharmacology*, **2017**, 337, 85-94	4.6	14
291	Glycogen Synthase Kinase-3 Modulates Cbl-b and Constrains T Cell Activation. *Journal of Immunology*, **2017**, 199, 4056-4065	5.3	7
290	Recent advances in understanding the cellular roles of GSK-3. *F1000Research*, **2017**, 6,	3.6	53
289	Xanthatin anti-tumor cytotoxicity is mediated via glycogen synthase kinase-3β and β-catenin. *Biochemical Pharmacology*, **2016**, 115, 18-27	6	20
288	Mutational Analysis of Glycogen Synthase Kinase 3β Protein Kinase Together with Kinome-Wide Binding and Stability Studies Suggests Context-Dependent Recognition of Kinases by the Chaperone Heat Shock Protein 90. *Molecular and Cellular Biology*, **2016**, 36, 1007-18	4.8	8
287	P-129 Gimap5 Is Required for GSK3β Inhibition Controlling the Transcriptional Program Required for T Cell Proliferation/Differentiation While Maintaining Gut Homeostasis. *Inflammatory Bowel Diseases*, **2016**, 22, S49	4.5	
286	Loss of Adult Cardiac Myocyte GSK-3 Leads to Mitotic Catastrophe Resulting in Fatal Dilated Cardiomyopathy. *Circulation Research*, **2016**, 118, 1208-22	15.7	55
285	Protein Kinases: Physiological Roles in Cell Signalling **2016**, 1-9		
284	Nuclear GSK3β promotes tumorigenesis by phosphorylating KDM1A and inducing its deubiquitylation by USP22. *Nature Cell Biology*, **2016**, 18, 954-966	23.4	86
283	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. *Molecular and Cellular Biology*, **2015**, 35, 3029-43	4.8	24

282	Glycogen synthase kinase 3β regulates urine concentrating mechanism in mice. *American Journal of Physiology - Renal Physiology*, **2015**, 308, F650-60	4.3	23
281	Ras Signaling Is a Key Determinant for Metastatic Dissemination and Poor Survival of Luminal Breast Cancer Patients. *Cancer Research*, **2015**, 75, 4960-72	10.1	33
280	Effect of glycogen synthase kinase-3 inactivation on mouse mammary gland development and oncogenesis. *Oncogene*, **2015**, 34, 3514-26	9.2	24
279	The GSK-3 family as therapeutic target for myocardial diseases. *Circulation Research*, **2015**, 116, 138-49	15.7	127
278	Glycogen synthase kinase-3β promotes cyst expansion in polycystic kidney disease. *Kidney International*, **2015**, 87, 1164-75	9.9	29
277	Burning platforms: friending social media's role in #scicomm. *Trends in Cell Biology*, **2014**, 24, 555-7	18.3	2
276	Cardiomyocyte-specific deletion of Gsk3α mitigates post-myocardial infarction remodeling, contractile dysfunction, and heart failure. *Journal of the American College of Cardiology*, **2014**, 64, 696-706	15.1	42
275	Cardiac fibroblast glycogen synthase kinase-3β regulates ventricular remodeling and dysfunction in ischemic heart. *Circulation*, **2014**, 130, 419-30	16.7	111
274	Signals controlling un-differentiated states in embryonic stem and cancer cells: role of the phosphatidylinositol 3'kinase pathway. *Journal of Cellular Physiology*, **2014**, 229, 1312-22	7	17
273	mTOR regulates brain morphogenesis by mediating GSK3 signaling. *Development (Cambridge)*, **2014**, 141, 4076-86	6.6	74
272	How to Become a Control Freak. *Science Signaling*, **2014**, 7, pe25-pe25	8.8	
271	Neuronal deletion of GSK3β increases microtubule speed in the growth cone and enhances axon regeneration via CRMP-2 and independently of MAP1B and CLASP2. *BMC Biology*, **2014**, 12, 47	7.3	58
270	GSK-3β function in bone regulates skeletal development, whole-body metabolism, and male life span. *Endocrinology*, **2013**, 154, 3702-18	4.8	27
269	Activation of PDK-1 maintains mouse embryonic stem cell self-renewal in a PKB-dependent manner. *Oncogene*, **2013**, 32, 5397-408	9.2	13
268	Impact: Akin to quantifying dreams. *Nature*, **2013**, 503, 198	50.4	
267	There's more to lithium than Nirvana. *Nature Reviews Molecular Cell Biology*, **2013**, 14, 466	48.7	
266	The responses of neural stem cells to the level of GSK-3 depend on the tissue of origin. *Biology Open*, **2013**, 2, 812-21	2.2	4
265	Regulation of Th1 cells and experimental autoimmune encephalomyelitis by glycogen synthase kinase-3. *Journal of Immunology*, **2013**, 190, 5000-11	5.3	58

264	Acute WNT signalling activation perturbs differentiation within the adult stomach and rapidly leads to tumour formation. *Oncogene*, **2013**, 32, 2048-57	9.2	42
263	Single unpurified breast tumor-initiating cells from multiple mouse models efficiently elicit tumors in immune-competent hosts. *PLoS ONE*, **2013**, 8, e58151	3.7	10
262	GSK-3β is a central regulator of age-related pathologies in mice. *Journal of Clinical Investigation*, **2013**, 123, 1821-32	15.9	108
261	Inhibition of GSK3β mediated BACE1 expression reduces Alzheimer-associated phenotypes. *Journal of Clinical Investigation*, **2013**, 123, 224-35	15.9	243
260	Towards the preparation of radiolabeled 1-aryl-3-benzyl ureas: Radiosynthesis of [(11)C-carbonyl] AR-A014418 by [(11)C]CO(2) fixation. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 2099-101	2.9	31
259	Inactivation of the enzyme GSK3β by the kinase IKKi promotes AKT-mTOR signaling pathway that mediates interleukin-1-induced Th17 cell maintenance. *Immunity*, **2012**, 37, 800-12	32.3	59
258	We must be open about our mistakes. *Nature*, **2012**, 489, 7	50.4	3
257	The effects of glycogen synthase kinase-3beta in serotonin neurons. *PLoS ONE*, **2012**, 7, e43262	3.7	19
256	GSK3β mediates muscle pathology in myotonic dystrophy. *Journal of Clinical Investigation*, **2012**, 122, 4461-72	15.9	82
255	GSK-3α and GSK-3β proteins are involved in early stages of chondrocyte differentiation with functional redundancy through RelA protein phosphorylation. *Journal of Biological Chemistry*, **2012**, 287, 29227-36	5.4	36
254	NIH funding: Thousand-citation papers are outliers. *Nature*, **2012**, 492, 356	50.4	1
253	Specific deletion of glycogen synthase kinase-3β in the renal proximal tubule protects against acute nephrotoxic injury in mice. *Kidney International*, **2012**, 82, 1000-9	9.9	36
252	Glycogen synthase kinase-3β limits ischemic injury, cardiac rupture, post-myocardial infarction remodeling and death. *Circulation*, **2012**, 125, 65-75	16.7	48
251	Neurological functions of the masterswitch protein kinase - gsk-3. *Frontiers in Molecular Neuroscience*, **2012**, 5, 48	6.1	19
250	Renal Collecting Duct Specific GSK 3 alpha Regulates Cellular Distribution and Lithium-Induced NDI. *FASEB Journal*, **2012**, 26, 885.16	0.9	
249	Genetic inactivation of GSK3β rescues spine deficits in Disc1-L100P mutant mice. *Schizophrenia Research*, **2011**, 129, 74-9	3.6	28
248	GSK-3β/β kinases and amyloid production in vivo. *Nature*, **2011**, 480, E4-5; discussion E6	50.4	63
247	Targeting GSK-3 family members in the heart: a very sharp double-edged sword. *Journal of Molecular and Cellular Cardiology*, **2011**, 51, 607-13	5.8	54

246	GSK-3: Functional Insights from Cell Biology and Animal Models. *Frontiers in Molecular Neuroscience* , **2011**, 4, 40	6.1	313
245	Tissue-specific analysis of glycogen synthase kinase-3 (GSK-3) in glucose metabolism: effect of strain variation. *PLoS ONE*, **2011**, 6, e15845	3.7	29
244	Assessment of social interaction behaviors. *Journal of Visualized Experiments*, **2011**,	1.6	203
243	Catenin activation synergizes with PTEN loss to cause bladder cancer formation. *Oncogene*, **2011**, 30, 178-89	9.2	82
242	Selective loss of glycogen synthase kinase-3 in birds reveals distinct roles for GSK-3 isozymes in tau phosphorylation. *FEBS Letters*, **2011**, 585, 1158-62	3.8	34
241	Genetic and pharmacological evidence for schizophrenia-related Disc1 interaction with GSK-3. *Synapse*, **2011**, 65, 234-48	2.4	74
240	Deletion of glycogen synthase kinase-3 in cartilage results in up-regulation of glycogen synthase kinase-3 protein expression. *Endocrinology*, **2011**, 152, 1755-66	4.8	32
239	Defining the role of APC in the mitotic spindle checkpoint in vivo: APC-deficient cells are resistant to Taxol. *Oncogene*, **2010**, 29, 6418-27	9.2	26
238	Basic research: bizarre but essential. *Nature*, **2010**, 467, 400	50.4	
237	When pathways collide: collaboration and connivance among signalling proteins in development. *Nature Reviews Molecular Cell Biology*, **2010**, 11, 404-13	48.7	127
236	GSK-3alpha directly regulates beta-adrenergic signaling and the response of the heart to hemodynamic stress in mice. *Journal of Clinical Investigation*, **2010**, 120, 2280-91	15.9	44
235	Glycogen synthase kinase-3beta regulates post-myocardial infarction remodeling and stress-induced cardiomyocyte proliferation in vivo. *Circulation Research*, **2010**, 106, 1635-45	15.7	88
234	GSK3beta mediates renal response to vasopressin by modulating adenylate cyclase activity. *Journal of the American Society of Nephrology: JASN*, **2010**, 21, 428-37	12.7	63
233	Role of phosphoinositide 3-kinase {alpha}, protein kinase C, and L-type Ca2+ channels in mediating the complex actions of angiotensin II on mouse cardiac contractility. *Hypertension*, **2010**, 56, 422-9	8.5	21
232	Inhibitory phosphorylation of GSK-3 by CaMKII couples depolarization to neuronal survival. *Journal of Biological Chemistry*, **2010**, 285, 41122-34	5.4	65
231	Conditional ablation of Gsk-3 in islet beta cells results in expanded mass and resistance to fat feeding-induced diabetes in mice. *Diabetologia*, **2010**, 53, 2600-10	10.3	82
230	Does GSK-3 provide a shortcut for PI3K activation of Wnt signalling?. *F1000 Biology Reports*, **2010**, 2, 82		45
229	Mitogen-Activated Protein Kinases **2010**, 533-538		1

228	Lef1 haploinsufficient mice display a low turnover and low bone mass phenotype in a gender- and age-specific manner. *PLoS ONE*, **2009**, 4, e5438	3.7	47
227	Unique and overlapping functions of GSK-3 isoforms in cell differentiation and proliferation and cardiovascular development. *Journal of Biological Chemistry*, **2009**, 284, 9643-7	5.4	99
226	IL-17 receptor signaling inhibits C/EBPbeta by sequential phosphorylation of the regulatory 2 domain. *Science Signaling*, **2009**, 2, ra8	8.8	104
225	Akt1 and akt2 play distinct roles in the initiation and metastatic phases of mammary tumor progression. *Cancer Research*, **2009**, 69, 5057-64	10.1	136
224	Utility of metformin in breast cancer treatment, is neoangiogenesis a risk factor?. *Breast Cancer Research and Treatment*, **2009**, 114, 387-9	4.4	35
223	GSK-3 is a master regulator of neural progenitor homeostasis. *Nature Neuroscience*, **2009**, 12, 1390-7	25.5	309
222	Exploring pluripotency with chemical genetics. *Cell Stem Cell*, **2009**, 4, 98-100	18	10
221	Abnormalities in brain structure and behavior in GSK-3alpha mutant mice. *Molecular Brain*, **2009**, 2, 35	4.5	138
220	Frequent accumulation of nuclear E-cadherin and alterations in the Wnt signaling pathway in esophageal squamous cell carcinomas. *Modern Pathology*, **2008**, 21, 271-81	9.8	49
219	The ground state of embryonic stem cell self-renewal. *Nature*, **2008**, 453, 519-23	50.4	2511
218	Micromanaging ideas risks impeding flow of potential benefits. *Nature*, **2008**, 454, 939	50.4	
217	Glycogen synthase kinase-3 and cancer: good cop, bad cop?. *Cancer Cell*, **2008**, 14, 351-3	24.3	84
216	Clinical uses of microarrays in cancer research. *Methods in Molecular Medicine*, **2008**, 141, 87-113		11
215	Targeting glycogen synthase kinase-3 (GSK-3) in the treatment of Type 2 diabetes. *Expert Opinion on Therapeutic Targets*, **2008**, 12, 1265-74	6.4	71
214	Tissue-specific role of glycogen synthase kinase 3beta in glucose homeostasis and insulin action. *Molecular and Cellular Biology*, **2008**, 28, 6314-28	4.8	188
213	Homozygous deletion of glycogen synthase kinase 3beta bypasses senescence allowing Ras transformation of primary murine fibroblasts. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 5248-53	11.5	18
212	Genetic deficiency of glycogen synthase kinase-3beta corrects diabetes in mouse models of insulin resistance. *PLoS Biology*, **2008**, 6, e37	9.7	86
211	Initiation of Wnt signaling: control of Wnt coreceptor Lrp6 phosphorylation/activation via frizzled, dishevelled and axin functions. *Development (Cambridge)*, **2008**, 135, 367-75	6.6	336

210	Glycogen synthase kinase-3beta heterozygote knockout mice as a model of findings in postmortem schizophrenia brain or as a model of behaviors mimicking lithium action: negative results. *Behavioural Pharmacology*, **2008**, 19, 217-24	2.4	34
209	Rationally designed PKA inhibitors for positron emission tomography: Synthesis and cerebral biodistribution of N-(2-(4-bromocinnamylamino)ethyl)-N-[11C]methyl-isoquinoline-5-sulfonamide. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 5277-84	3.4	14
208	Phosphorylation of GSK-3beta by cGMP-dependent protein kinase II promotes hypertrophic differentiation of murine chondrocytes. *Journal of Clinical Investigation*, **2008**, 118, 2506-15	15.9	40
207	Phosphorylation of GSK-3by cGMP-dependent protein kinase II promotes hypertrophic differentiation of murine chondrocytes. *Journal of Clinical Investigation*, **2008**, 118, 2986-2986	15.9	48
206	GSK-3beta in mouse fibroblasts controls wound healing and fibrosis through an endothelin-1-dependent mechanism. *Journal of Clinical Investigation*, **2008**, 118, 3279-90	15.9	39
205	GSK-3beta in mouse fibroblast controls wound healing and fibrosis through an endothelin-1-dependent mechanism. *Journal of Clinical Investigation*, **2008**, 118, 3812	15.9	40
204	Deletion of GSK-3beta in mice leads to hypertrophic cardiomyopathy secondary to cardiomyoblast hyperproliferation. *Journal of Clinical Investigation*, **2008**, 118, 3609-18	15.9	177
203	Glycogen synthase kinase 3, circadian rhythms, and bipolar disorder: a molecular link in the therapeutic action of lithium. *Journal of Circadian Rhythms*, **2007**, 5, 3	2.5	90
202	Role of glycogen synthase kinase-3 in cell fate and epithelial-mesenchymal transitions. *Cells Tissues Organs*, **2007**, 185, 73-84	2.1	144
201	GSK-3beta controls osteogenesis through regulating Runx2 activity. *PLoS ONE*, **2007**, 2, e837	3.7	113
200	Glycogen synthase kinase-3beta induces neuronal cell death via direct phosphorylation of mixed lineage kinase 3. *Journal of Biological Chemistry*, **2007**, 282, 30393-405	5.4	60
199	R-spondin1 is a high affinity ligand for LRP6 and induces LRP6 phosphorylation and beta-catenin signaling. *Journal of Biological Chemistry*, **2007**, 282, 15903-11	5.4	146
198	CD4+ and CD8+ T cell survival is regulated differentially by protein kinase Ctheta, c-Rel, and protein kinase B. *Journal of Immunology*, **2007**, 178, 2932-9	5.3	44
197	Systematic discovery of in vivo phosphorylation networks. *Cell*, **2007**, 129, 1415-26	56.2	611
196	Glycogen synthase kinase 3alpha-specific regulation of murine hepatic glycogen metabolism. *Cell Metabolism*, **2007**, 6, 329-37	24.6	225
195	Functional redundancy of GSK-3alpha and GSK-3beta in Wnt/beta-catenin signaling shown by using an allelic series of embryonic stem cell lines. *Developmental Cell*, **2007**, 12, 957-71	10.2	373
194	Functional distinctions of protein kinase B/Akt isoforms defined by their influence on cell migration. *Trends in Cell Biology*, **2006**, 16, 461-6	18.3	149
193	Serum and glucocorticoid-regulated protein kinases: variations on a theme. *Journal of Cellular Biochemistry*, **2006**, 98, 1391-407	4.7	99

192	Role of the Phox homology domain and phosphorylation in activation of serum and glucocorticoid-regulated kinase-3. *Journal of Biological Chemistry*, **2006**, 281, 23978-89	5.4	48
191	Differential gene expression profiling of short and long term denervated muscle. *FASEB Journal*, **2006**, 20, 115-7	0.9	100
190	Expression of Wnt-signaling pathway proteins in intraductal papillary mucinous neoplasms of the pancreas: a tissue microarray analysis. *Human Pathology*, **2006**, 37, 212-7	3.7	43
189	IFN-gamma suppresses IL-10 production and synergizes with TLR2 by regulating GSK3 and CREB/AP-1 proteins. *Immunity*, **2006**, 24, 563-74	32.3	319
188	Essential roles for GSK-3s and GSK-3-primed substrates in neurotrophin-induced and hippocampal axon growth. *Neuron*, **2006**, 52, 981-96	13.9	195
187	Glycogen synthase kinase-3--an overview of an over-achieving protein kinase. *Current Drug Targets*, **2006**, 7, 1377-88	3	231
186	CpG Island microarray probe sequences derived from a physical library are representative of CpG Islands annotated on the human genome. *Nucleic Acids Research*, **2005**, 33, 2952-61	20.1	82
185	Problems with co-funding in Canada. *Science*, **2005**, 308, 1867	33.3	5
184	Chronic activation of protein kinase Bbeta/Akt2 leads to multinucleation and cell fusion in human epithelial kidney cells: events associated with tumorigenesis. *Oncogene*, **2005**, 24, 5459-70	9.2	30
183	A dual-kinase mechanism for Wnt co-receptor phosphorylation and activation. *Nature*, **2005**, 438, 873-7	50.4	630
182	Recent advances in the protein kinase B signaling pathway. *Current Opinion in Cell Biology*, **2005**, 17, 150-7	9	304
181	Cardioprotective stress response in the human fetal heart. *Journal of Thoracic and Cardiovascular Surgery*, **2005**, 129, 1128-36	1.5	27
180	Differential gene expression profile reveals deregulation of pregnancy specific beta1 glycoprotein 9 early during colorectal carcinogenesis. *BMC Cancer*, **2005**, 5, 66	4.8	32
179	Phosphoinositide-dependent phosphorylation of PDK1 regulates nuclear translocation. *Molecular and Cellular Biology*, **2005**, 25, 2347-63	4.8	67
178	NF-kappaB couples protein kinase B/Akt signaling to distinct survival pathways and the regulation of lymphocyte homeostasis in vivo. *Journal of Immunology*, **2005**, 175, 3790-9	5.3	38
177	The links between axin and carcinogenesis. *Journal of Clinical Pathology*, **2005**, 58, 225-36	3.9	177
176	Lithium antagonizes dopamine-dependent behaviors mediated by an AKT/glycogen synthase kinase 3 signaling cascade. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 5099-104	11.5	668
175	Glycogen synthase kinase 3beta is a negative regulator of growth factor-induced activation of the c-Jun N-terminal kinase. *Journal of Biological Chemistry*, **2004**, 279, 51075-81	5.4	40

174	Activation of Akt-1 (PKB-alpha) can accelerate ErbB-2-mediated mammary tumorigenesis but suppresses tumor invasion. *Cancer Research*, **2004**, 64, 3171-8	10.1	214
173	Glycogen synthase kinase-3beta haploinsufficiency mimics the behavioral and molecular effects of lithium. *Journal of Neuroscience*, **2004**, 24, 6791-8	6.6	379
172	Kinase-dead PKB gene therapy combined with hyperthermia for human breast cancer. *Cancer Gene Therapy*, **2004**, 11, 52-60	5.4	13
171	Proteomic, functional, and domain-based analysis of in vivo 14-3-3 binding proteins involved in cytoskeletal regulation and cellular organization. *Current Biology*, **2004**, 14, 1436-50	6.3	382
170	Glycogen synthase kinase-3 in insulin and Wnt signalling: a double-edged sword?. *Biochemical Society Transactions*, **2004**, 32, 803-8	5.1	122
169	Glycogen Synthase Kinase-3 **2004**, 255-260		1
168	Stabilization of beta-catenin by a Wnt-independent mechanism regulates cardiomyocyte growth. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 4610-5	11.5	198
167	Physiological roles of glycogen synthase kinase-3: potential as a therapeutic target for diabetes and other disorders. *Current Drug Targets Immune, Endocrine and Metabolic Disorders*, **2003**, 3, 281-90		65
166	What is the "gold" standard to indicate a gene inclusively ie including regulatory, promoter or other elements at both ends of the transcribable DNA segment?. *IUBMB Life*, **2003**, 55, 285-6	4.7	
165	Negative regulation of phosphatidylinositol 3-kinase and Akt signalling pathway by PKC. *Cellular Signalling*, **2003**, 15, 37-45	4.9	57
164	GSK-3: tricks of the trade for a multi-tasking kinase. *Journal of Cell Science*, **2003**, 116, 1175-86	5.3	1675
163	Unravelling the activation mechanisms of protein kinase B/Akt. *FEBS Letters*, **2003**, 546, 108-12	3.8	312
162	JNK1 activity lowers the cellular production of H2O2 and modulates the growth arrest response to scavenging of H2O2 by catalase. *Experimental Cell Research*, **2003**, 285, 146-58	4.2	11
161	Negative regulation of mixed lineage kinase 3 by protein kinase B/AKT leads to cell survival. *Journal of Biological Chemistry*, **2003**, 278, 3897-902	5.4	116
160	MAP Kinases **2003**, 493-497		
159	The active form of glycogen synthase kinase-3beta is associated with granulovacuolar degeneration in neurons in Alzheimer© disease. *Acta Neuropathologica*, **2002**, 103, 91-9	14.3	149
158	Convergence of multiple signaling cascades at glycogen synthase kinase 3: Edg receptor-mediated phosphorylation and inactivation by lysophosphatidic acid through a protein kinase C-dependent intracellular pathway. *Molecular and Cellular Biology*, **2002**, 22, 2099-110	4.8	147
157	CD28-dependent activation of protein kinase B/Akt blocks Fas-mediated apoptosis by preventing death-inducing signaling complex assembly. *Journal of Experimental Medicine*, **2002**, 196, 335-48	16.6	116

156	Open heart surgery of PI-3 kinase signaling. *Cell Cycle*, **2002**, 1, 404-5	4.7	
155	Multiple phosphoinositide 3-kinase-dependent steps in activation of protein kinase B. *Molecular and Cellular Biology*, **2002**, 22, 6247-60	4.8	278
154	A molecular compendium of genes expressed in multiple myeloma. *Blood*, **2002**, 100, 2175-86	2.2	155
153	DREAM is a critical transcriptional repressor for pain modulation. *Cell*, **2002**, 108, 31-43	56.2	234
152	Role of glycogen synthase kinase-3 in cancer: regulation by Wnts and other signaling pathways. *Advances in Cancer Research*, **2002**, 84, 203-29	5.9	108
151	Chapter 13 Mitogen-activated protein kinases and stress. *Cell and Molecular Response To Stress*, **2001**, 2, 175-193		5
150	Glycogen synthase kinase-3: properties, functions, and regulation. *Chemical Reviews*, **2001**, 101, 2527-40	68.1	323
149	Phosphatidylinositol 3Ckinase signaling in mammary tumorigenesis. *Journal of Mammary Gland Biology and Neoplasia*, **2001**, 6, 83-99	2.4	31
148	The role of protein kinase B (PKB) in modulating heat sensitivity in a human breast cancer cell line. *International Journal of Radiation Oncology Biology Physics*, **2001**, 50, 1041-50	4	17
147	PKB/AKT: functional insights from genetic models. *Nature Reviews Molecular Cell Biology*, **2001**, 2, 760-8	48.7	516
146	Extracellular matrix composition determines the transcriptional response to epidermal growth factor receptor activation. *Proceedings of the National Academy of Sciences of the United States of America*, **2001**, 98, 4472-7	11.5	52
145	Judging a protein by more than its name: GSK-3. *Science Signaling*, **2001**, 2001, re12	8.8	169
144	Expression of active protein kinase B in T cells perturbs both T and B cell homeostasis and promotes inflammation. *Journal of Immunology*, **2001**, 167, 42-8	5.3	75
143	X protein of hepatitis B virus inhibits Fas-mediated apoptosis and is associated with up-regulation of the SAPK/JNK pathway. *Journal of Biological Chemistry*, **2001**, 276, 8328-40	5.4	133
142	Activation of Akt (protein kinase B) in mammary epithelium provides a critical cell survival signal required for tumor progression. *Molecular and Cellular Biology*, **2001**, 21, 2203-12	4.8	242
141	Regulation of Drosophila tracheal system development by protein kinase B. *Developmental Cell*, **2001**, 1, 817-27	10.2	31
140	Opposing regulation of B cell receptor-induced activation of mitogen-activated protein kinases by CD45. *FEBS Letters*, **2001**, 490, 97-101	3.8	7
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