

# Christopher J Phiel

## List of Publications by Year in descending order

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28  
papers

4,195  
citations

430442

18  
h-index

525886

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

6299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone Deacetylase Is a Direct Target of Valproic Acid, a Potent Anticonvulsant, Mood Stabilizer, and Teratogen. <i>Journal of Biological Chemistry</i> , 2001, 276, 36734-36741.	1.6	1,501
2	GSK-3 $\beta$ regulates production of Alzheimer's disease amyloid- $\beta$ peptides. <i>Nature</i> , 2003, 423, 435-439.	13.7	1,113
3	MOLECULAR TARGETS OF LITHIUM ACTION. <i>Annual Review of Pharmacology and Toxicology</i> , 2001, 41, 789-813.	4.2	464
4	Inhibitory Phosphorylation of Glycogen Synthase Kinase-3 (GSK-3) in Response to Lithium. <i>Journal of Biological Chemistry</i> , 2003, 278, 33067-33077.	1.6	391
5	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, 41337-41347.	1.6	80
6	Glycogen Synthase Kinase-3 $\beta$ Promotes Fatty Acid Uptake and Lipotoxic Cardiomyopathy. <i>Cell Metabolism</i> , 2019, 29, 1119-1134.e12.	7.2	77
7	Live-cell single-molecule dynamics of PcG proteins imposed by the DIPG H3.3K27M mutation. <i>Nature Communications</i> , 2018, 9, 2080.	5.8	63
8	Targeted Disruption of Glycogen Synthase Kinase 3a (Gsk3a) in Mice Affects Sperm Motility Resulting in Male Infertility. <i>Biology of Reproduction</i> , 2015, 92, 65.	1.2	54
9	Functions of B56-containing PP2As in major developmental and cancer signaling pathways. <i>Life Sciences</i> , 2010, 87, 659-666.	2.0	53
10	PP2A:B56 $\mu$ is required for eye induction and eye field separation. <i>Developmental Biology</i> , 2007, 302, 477-493.	0.9	52
11	Glycogen synthase kinase 3 controls migration of the neural crest lineage in mouse and <i>Xenopus</i> . <i>Nature Communications</i> , 2018, 9, 1126.	5.8	50
12	<i>Gsk3<math>\beta</math></i> is required in the epithelium for palatal elevation in mice. <i>Developmental Dynamics</i> , 2010, 239, 3235-3246.	0.8	36
13	Cbx2 stably associates with mitotic chromosomes via a PRC2- or PRC1-independent mechanism and is needed for recruiting PRC1 complex to mitotic chromosomes. <i>Molecular Biology of the Cell</i> , 2014, 25, 3726-3739.	0.9	36
14	A Noncatalytic Domain of Glycogen Synthase Kinase-3 (GSK-3) Is Essential for Activity. <i>Journal of Biological Chemistry</i> , 2010, 285, 7957-7963.	1.6	35
15	Differential Binding of an SRF/NK-2/MEF2 Transcription Factor Complex in Normal Versus Neoplastic Smooth Muscle Tissues. <i>Journal of Biological Chemistry</i> , 2001, 276, 34637-34650.	1.6	32
16	Isoform-specific requirement for GSK3 $\beta$ in sperm for male fertility. <i>Biology of Reproduction</i> , 2018, 99, 384-394.	1.2	30
17	The Role for Oxidative Stress in Aberrant DNA Methylation in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2012, 9, 1077-1096.	0.7	27
18	Glycogen synthase kinase-3 (GSK-3) activity regulates mRNA methylation in mouse embryonic stem cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 10731-10743.	1.6	27

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19	A simple and efficient method for transfecting mouse embryonic stem cells using polyethylenimine. <i>Experimental Cell Research</i> , 2015, 330, 178-185.	1.2	17
20	A novel interaction between Glycogen Synthase Kinase-3 $\beta$ (GSK-3 $\beta$ ) and the scaffold protein Receptor for Activated C-Kinase 1 (RACK1) regulates the circadian clock. <i>International Journal of Biochemistry and Molecular Biology</i> , 2011, 2, 318-27.	0.1	15
21	JLK Inhibitors: Isocoumarin Compounds as Putative Probes to Selectively Target the $\beta$ -Secretase Pathway. <i>Current Alzheimer Research</i> , 2005, 2, 327-334.	0.7	10
22	Gene Expression Profiling in Mouse Embryonic Stem Cells Reveals Glycogen Synthase Kinase-3-Dependent Targets of Phosphatidylinositol 3-Kinase and Wnt/ $\beta$ -Catenin Signaling Pathways. <i>Frontiers in Endocrinology</i> , 2014, 5, 133.	1.5	8
23	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, 2139-2150.	0.9	7
24	Associations between maternal depression and mother and infant oxytocin receptor gene (OXTR_rs53576) polymorphisms. <i>Developmental Psychobiology</i> , 2020, 62, 496-504.	0.9	7
25	Regulation of eukaryotic translation initiation factor 6 dynamics through multisite phosphorylation by GSK3. <i>Journal of Biological Chemistry</i> , 2020, 295, 12796-12813.	1.6	6
26	The late positive potential and subjective arousal ratings evoked by negative images vary as a function of oxytocin receptor genotype SNP rs53576. <i>NeuroReport</i> , 2018, 29, 1145-1150.	0.6	3
27	Phiel et al. reply. <i>Nature</i> , 2011, 480, E6-E6.	13.7	1
28	A dual-kinase mechanism controls APC phosphorylation and dissociation from microtubules during mitosis. <i>FASEB Journal</i> , 2009, 23, 491.10.	0.2	0