Christopher J Phiel

List of Publications by Year
in descending order

28	4,195	430874 18	526287 27
papers	citations	h-index	g-index

30	30	30	6299
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Histone Deacetylase Is a Direct Target of Valproic Acid, a Potent Anticonvulsant, Mood Stabilizer, and Teratogen. Journal of Biological Chemistry, 2001, 276, 36734-36741.	3.4	1,501
2	GSK-3Î± regulates production of Alzheimer's disease amyloid-Î² peptides. Nature, 2003, 423, 435-439.	27.8	1,113
3	Molecular Targets of Lithium Action. Annual Review of Pharmacology and Toxicology, 2001, 41, 789-813.	9.4	464
4	Inhibitory Phosphorylation of Glycogen Synthase Kinase-3 (GSK-3) in Response to Lithium. Journal of Biological Chemistry, 2003, 278, 33067-33077.	3.4	391
5	Phosphatidylinositol 3-Kinase (PI3K) Signaling via Glycogen Synthase Kinase-3 (Gsk-3) Regulates DNA Methylation of Imprinted Loci. Journal of Biological Chemistry, 2010, 285, 41337-41347.	3.4	80
6	Glycogen Synthase Kinase-3Î± Promotes Fatty Acid Uptake and Lipotoxic Cardiomyopathy. Cell Metabolism, 2019, 29, 1119-1134.e12.	16.2	77
7	Live-cell single-molecule dynamics of PcG proteins imposed by the DIPG H3.3K27M mutation. Nature Communications, 2018, 9, 2080.	12.8	63
8	Targeted Disruption of Glycogen Synthase Kinase 3a (Gsk3a) in Mice Affects Sperm Motility Resulting in Male Infertility1. Biology of Reproduction, 2015, 92, 65.	2.7	54
9	Functions of B56-containing PP2As in major developmental and cancer signaling pathways. Life Sciences, 2010, 87, 659-666.	4.3	53
10	PP2A:B56Îµ is required for eye induction and eye field separation. Developmental Biology, 2007, 302, 477-493.	2.0	52
11	Glycogen synthase kinase 3 controls migration of the neural crest lineage in mouse and Xenopus. Nature Communications, 2018, 9, 1126.	12.8	50
12	Gsk3Î² is required in the epithelium for palatal elevation in mice. Developmental Dynamics, 2010, 239, 3235-3246.	1.8	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. Molecular Biology of the Cell, 2014, 25, 3726-3739.	2.1	36
14	A Noncatalytic Domain of Glycogen Synthase Kinase-3 (GSK-3) Is Essential for Activity. Journal of Biological Chemistry, 2010, 285, 7957-7963.	3.4	35
15	Differential Binding of an SRF/NK-2/MEF2 Transcription Factor Complex in Normal Versus Neoplastic Smooth Muscle Tissues. Journal of Biological Chemistry, 2001, 276, 34637-34650.	3.4	32
16	Isoform-specific requirement for GSK3Î± in sperm for male fertilityâ€. Biology of Reproduction, 2018, 99, 384-394.	2.7	30
17	The Role for Oxidative Stress in Aberrant DNA Methylation in Alzheimerâ€™s Disease. Current Alzheimer Research, 2012, 9, 1077-1096.	1.4	27
18	Glycogen synthase kinase-3 (GSK-3) activity regulates mRNA methylation in mouse embryonic stem cells. Journal of Biological Chemistry, 2018, 293, 10731-10743.	3.4	27

#	Article	IF	Citations
19	A simple and efficient method for transfecting mouse embryonic stem cells using polyethylenimine. Experimental Cell Research, 2015, 330, 178-185.	2.6	17
20	A novel interaction between Glycogen Synthase Kinase-3Î± (GSK-3Î±) and the scaffold protein Receptor for Activated C-Kinase 1 (RACK1) regulates the circadian clock. International Journal of Biochemistry and Molecular Biology, 2011, 2, 318-27.	0.1	15
21	JLK Inhibitors: Isocoumarin Compounds as Putative Probes to Selectively Target the γ-Secretase Pathway. Current Alzheimer Research, 2005, 2, 327-334.	1.4	10
22	Gene Expression Profiling in Mouse Embryonic Stem Cells Reveals Glycogen Synthase Kinase-3-Dependent Targets of Phosphatidylinositol 3-Kinase and Wnt/ÃŽÂ²-Catenin Signaling Pathways. Frontiers in Endocrinology, 2014, 5, 133.	3.5	8
23	Glycogen synthase kinase-3 (Gsk-3) plays a fundamental role in maintaining DNA methylation at imprinted loci in mouse embryonic stem cells. Molecular Biology of the Cell, 2015, 26, 2139-2150.	2.1	7
24	Associations between maternal depression and mother and infant oxytocin receptor gene (OXTR_rs53576) polymorphisms. Developmental Psychobiology, 2020, 62, 496-504.	1.6	7
25	Regulation of eukaryotic translation initiation factor 6 dynamics through multisite phosphorylation by GSK3. Journal of Biological Chemistry, 2020, 295, 12796-12813.	3.4	6
26	The late positive potential and subjective arousal ratings evoked by negative images vary as a function of oxytocin receptor genotype SNP rs53576. NeuroReport, 2018, 29, 1145-1150.	1.2	3
27	Phiel et al. reply. Nature, 2011, 480, E6-E6.	27.8	1
28	A dualâ€kinase mechanism controls APC phosphorylation and dissociation from microtubules during mitosis. FASEB Journal, 2009, 23, 491.10.	0.5	0