

Matthew Kirkham

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

4,836
citations

361296
20
h-index

610775
24
g-index

24
all docs

24
docs citations

24
times ranked

5390
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional genomic analysis of cell division in <i>C. elegans</i> using RNAi of genes on chromosome III. <i>Nature</i> , 2000, 408, 331-336.	13.7	854
2	PTRF-Cavin, a Conserved Cytoplasmic Protein Required for Caveola Formation and Function. <i>Cell</i> , 2008, 132, 113-124.	13.5	647
3	Cytoplasmic Dynein Is Required for Distinct Aspects of Mtoc Positioning, Including Centrosome Separation, in the One Cell Stage <i>Caenorhabditis elegans</i> Embryo. <i>Journal of Cell Biology</i> , 1999, 147, 135-150.	2.3	419
4	Functional Analysis of Kinetochore Assembly in <i>Caenorhabditis elegans</i> . <i>Journal of Cell Biology</i> , 2001, 153, 1209-1226.	2.3	416
5	Aurora-A kinase is required for centrosome maturation in <i>Caenorhabditis elegans</i> . <i>Journal of Cell Biology</i> , 2001, 155, 1109-1116.	2.3	395
6	Ultrastructural identification of uncoated caveolin-independent early endocytic vehicles. <i>Journal of Cell Biology</i> , 2005, 168, 465-476.	2.3	385
7	SAS-4 Is a <i>C. elegans</i> Centriolar Protein that Controls Centrosome Size. <i>Cell</i> , 2003, 112, 575-587.	13.5	294
8	Clathrin-independent carriers form a high capacity endocytic sorting system at the leading edge of migrating cells. <i>Journal of Cell Biology</i> , 2010, 190, 675-691.	2.3	263
9	Clathrin-independent endocytosis: New insights into caveolae and non-caveolar lipid raft carriers. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2005, 1745, 273-286.	1.9	253
10	The kinetically dominant assembly pathway for centrosomal asters in <i>Caenorhabditis elegans</i> is β -tubulin dependent. <i>Journal of Cell Biology</i> , 2002, 157, 591-602.	2.3	213
11	Clathrin-independent endocytosis: New insights into caveolae and non-caveolar lipid raft carriers. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2005, 1746, 350-363.	1.9	118
12	Evolutionary analysis and molecular dissection of caveola biogenesis. <i>Journal of Cell Science</i> , 2008, 121, 2075-2086.	1.2	110
13	zyg-8, a Gene Required for Spindle Positioning in <i>C. elegans</i> , Encodes a Doublecortin-Related Kinase that Promotes Microtubule Assembly. <i>Developmental Cell</i> , 2001, 1, 363-375.	3.1	98
14	Efficient regeneration by activation of neurogenesis in homeostatically quiescent regions of the adult vertebrate brain. <i>Development (Cambridge)</i> , 2010, 137, 4127-4134.	1.2	90
15	Dopamine Controls Neurogenesis in the Adult Salamander Midbrain in Homeostasis and during Regeneration of Dopamine Neurons. <i>Cell Stem Cell</i> , 2011, 8, 426-433.	5.2	76
16	A reference transcriptome and inferred proteome for the salamander <i>Notophthalmus viridescens</i> . <i>Experimental Cell Research</i> , 2013, 319, 1187-1197.	1.2	49
17	Progenitor Cell Dynamics in the Newt Telencephalon during Homeostasis and Neuronal Regeneration. <i>Stem Cell Reports</i> , 2014, 2, 507-519.	2.3	45
18	Husbandry of Spanish Ribbed Newts (<i>Pleurodeles waltl</i>). <i>Methods in Molecular Biology</i> , 2015, 1290, 47-70.	0.4	29

#	ARTICLE	IF	CITATIONS
19	Microglia activation during neuroregeneration in the adult vertebrate brain. Neuroscience Letters, 2011, 497, 11-16.	1.0	22
20	A chemical screen identifies trifluoperazine as an inhibitor of glioblastoma growth. Biochemical and Biophysical Research Communications, 2017, 494, 477-483.	1.0	22
21	Not lost in translation. Seminars in Cell and Developmental Biology, 2009, 20, 691-696.	2.3	16
22	Studying Newt Brain Regeneration Following Subtype Specific Neuronal Ablation. Methods in Molecular Biology, 2015, 1290, 91-99.	0.4	9
23	CUBIC-f: An optimized clearing method for cell tracing and evaluation of neurite density in the salamander brain. Journal of Neuroscience Methods, 2021, 348, 109002.	1.3	8
24	Reprint of: A chemical screen identifies trifluoperazine as an inhibitor of glioblastoma growth. Biochemical and Biophysical Research Communications, 2018, 499, 136-142.	1.0	5