Kenneth E Sawin

List of Publications by Year
in descending order

31 papers	1,273 citations	430874 18 h-index	434195 31 g-index
37 all docs	37 docs citations	37 times ranked	1019 citing authors

#	Article	IF	Citations
1	Microtubule-independent movement of the fission yeast nucleus. Journal of Cell Science, 2021, 134, .	2.0	3
2	Reconstitution of Microtubule Nucleation InÂVitro Reveals Novel Roles for Mzt1. Current Biology, 2019, 29, 2199-2207.e10.	3.9	22
3	Identification of 15 New Bypassable Essential Genes of Fission Yeast. Cell Structure and Function, 2019, 44, 113-119.	1.1	10
4	Fission Yeast NDR/LATS Kinase Orb6 Regulates Exocytosis via Phosphorylation of the Exocyst Complex. Cell Reports, 2019, 26, 1654-1667.e7.	6.4	27
5	Local and global Cdc42 GEFs for fission yeast cell polarity are coordinated by microtubules and the Tea1/Tea4/Pom1 axis. Journal of Cell Science, 2018, 131, .	2.0	27
6	Exportin Crm1 is repurposed as a docking protein to generate microtubule organizing centers at the nuclear pore. ELife, 2018, 7, .	6.0	15
7	Construction, Growth, and Harvesting of Fission Yeast Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC) Strains. Cold Spring Harbor Protocols, 2017, 2017, pdb.prot091678.	0.3	5
8	Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC)-Based Quantitative Proteomics and Phosphoproteomics in Fission Yeast. Cold Spring Harbor Protocols, 2017, 2017, pdb.prot091686.	0.3	3
9	Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC) Technology in Fission Yeast. Cold Spring Harbor Protocols, 2017, 2017, pdb.top079814.	0.3	9
10	Remodeling of the Fission Yeast Cdc42 Cell-Polarity Module via the Sty1 p38 Stress-Activated Protein Kinase Pathway. Current Biology, 2016, 26, 2921-2928.	3.9	51
11	Deletion of Genes Encoding Arginase Improves Use of â€œHeavyâ€•Isotope-Labeled Arginine for Mass Spectrometry in Fission Yeast. PLoS ONE, 2015, 10, e0129548.	2.5	5
12	Mto2 multisite phosphorylation inactivates non-spindle microtubule nucleation complexes during mitosis. Nature Communications, 2015, 6, 7929.	12.8	27
13	Pom1 regulates the assembly of Cdr2â€“Mid1 cortical nodes for robust spatial control of cytokinesis. Journal of Cell Biology, 2014, 206, 61-77.	5.2	57
14	Activation of the Î³-Tubulin Complex by the Mto1/2 Complex. Current Biology, 2014, 24, 896-903.	3.9	49
15	Microtubule stabilization in vivo by nucleation-incompetent Î³-tubulin complex. Journal of Cell Science, 2011, 124, 1207-1213.	2.0	19
16	Characterization of Mug33 reveals complementary roles for actin cable-dependent transport and exocyst regulators in fission yeast exocytosis. Journal of Cell Science, 2011, 124, 2187-2199.	2.0	33
17	A Catalytic Role for Mod5 in the Formation of the Tea1 Cell Polarity Landmark. Current Biology, 2010, 20, 1752-1757.	3.9	37
18	Fission Yeast Mto1 Regulates Diversity of Cytoplasmic Microtubule Organizing Centers. Current Biology, 2010, 20, 1959-1965.	3.9	55

#	Article	IF	Citations
19	Inexpensive synthetic-based matrix for both conventional and rapid purification of protein A- and tandem affinity purification-tagged proteins. Analytical Biochemistry, 2010, 397, 241-243.	2.4	3
20	A Genetic Engineering Solution to the â€œArginine Conversion Problemâ€•in Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC). Molecular and Cellular Proteomics, 2010, 9, 1567-1577.	3.8	66
21	New and Old Reagents for Fluorescent Protein Tagging of Microtubules in Fission Yeast. Methods in Cell Biology, 2010, 97, 147-172.	1.1	44
22	Two distinct regions of Mto1 are required for normal microtubule nucleation and efficient association with the Î³-tubulin complex in vivo. Journal of Cell Science, 2008, 121, 3971-3980.	2.0	57
23	Cell Division: Mid-Level Management. Current Biology, 2007, 17, R93-R95.	3.9	1
24	Cytoplasmic microtubule organization in fission yeast. Yeast, 2006, 23, 1001-1014.	1.7	104
25	Noncore Components of the Fission Yeast Î³-Tubulin Complex. Molecular Biology of the Cell, 2006, 17, 5075-5093.	2.1	58
26	Fission Yeast mto2p Regulates Microtubule Nucleation by the Centrosomin-related Protein mto1p. Molecular Biology of the Cell, 2005, 16, 3040-3051.	2.1	71
27	Role of microtubules and tea1p in establishment and maintenance of fission yeast cell polarity. Journal of Cell Science, 2004, 117, 689-700.	2.0	81
28	Microtubule Nucleation at Non-Spindle Pole Body Microtubule-Organizing Centers Requires Fission Yeast Centrosomin-Related Protein mod20p. Current Biology, 2004, 14, 763-775.	3.9	167
29	Microtubule Dynamics: Faint Speckle, Hidden Dragon. Current Biology, 2004, 14, R702-R704.	3.9	5
30	Cell Polarity: Following Formin Function. Current Biology, 2002, 12, R6-R8.	3.9	16
31	Regulation of Cell Polarity by Microtubules in Fission Yeast. Journal of Cell Biology, 1998, 142, 457-471.	5.2	140