

Xin Xiang

List of Publications by Year in descending order

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41
papers

2,069
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236925

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docs citations

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1293
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#	ARTICLE	IF	CITATIONS
1	The <i>Aspergillus</i> cytoplasmic dynein heavy chain and NUDF localize to microtubule ends and affect microtubule dynamics. <i>Current Biology</i> , 2001, 11, 719-724.	3.9	175
2	Accumulation of Cytoplasmic Dynein and Dynactin at Microtubule Plus Ends in <i>Aspergillus nidulans</i> is Kinesin Dependent. <i>Molecular Biology of the Cell</i> , 2003, 14, 1479-1488.	2.1	161
3	Nuclear migration, nucleokinesis and lissencephaly. <i>Trends in Cell Biology</i> , 1998, 8, 467-470.	7.9	153
4	HookA is a novel dynein-early endosome linker critical for cargo movement in vivo. <i>Journal of Cell Biology</i> , 2014, 204, 1009-1026.	5.2	115
5	Nuclear migration advances in fungi. <i>Trends in Cell Biology</i> , 1995, 5, 278-282.	7.9	102
6	Dynamics of cytoplasmic dynein in living cells and the effect of a mutation in the dynactin complex actin-related protein Arp1. <i>Current Biology</i> , 2000, 10, 603-606.	3.9	101
7	Motor proteins at the microtubule plus-end. <i>Trends in Cell Biology</i> , 2006, 16, 135-143.	7.9	96
8	Nuclear migration and positioning in filamentous fungi. <i>Fungal Genetics and Biology</i> , 2004, 41, 411-419.	2.1	93
9	Maturation of late Golgi cisternae into RabE ^{RAB11} exocytic post-Golgi carriers visualized in vivo. <i>Molecular Biology of the Cell</i> , 2014, 25, 2428-2443.	2.1	86
10	Cytoskeleton and motor proteins in filamentous fungi. <i>Current Opinion in Microbiology</i> , 2003, 6, 628-633.	5.1	76
11	Polymyxin B, in combination with fluconazole, exerts a potent fungicidal effect. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 931-938.	3.0	75
12	The p25 subunit of the dynactin complex is required for dynein-early endosome interaction. <i>Journal of Cell Biology</i> , 2011, 193, 1245-1255.	5.2	75
13	The microtubule plus-end localization of <i>Aspergillus</i> dynein is important for dynein-early-endosome interaction but not for dynein ATPase activation. <i>Journal of Cell Science</i> , 2010, 123, 3596-3604.	2.0	71
14	LIS1 regulates cargo-adaptor-mediated activation of dynein by overcoming its autoinhibition in vivo. <i>Journal of Cell Biology</i> , 2019, 218, 3630-3646.	5.2	63
15	CLIP-170 Homologue and NUDE Play Overlapping Roles in NUDF Localization in <i>Aspergillus nidulans</i> . <i>Molecular Biology of the Cell</i> , 2006, 17, 2021-2034.	2.1	55
16	FHIP and FTS proteins are critical for dynein-mediated transport of early endosomes in <i>Aspergillus</i> . <i>Molecular Biology of the Cell</i> , 2014, 25, 2181-2189.	2.1	54
17	Transport of fungal RAB11 secretory vesicles involves myosin-5, dynein/dynactin/p25, and kinesin-1 and is independent of kinesin-3. <i>Molecular Biology of the Cell</i> , 2017, 28, 947-961.	2.1	49
18	The requirement of the LC8 dynein light chain for nuclear migration and septum positioning is temperature dependent in <i>Aspergillus nidulans</i> . <i>Molecular Microbiology</i> , 2003, 47, 291-301.	2.5	42

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19	Cytoplasmic dynein and early endosome transport. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3267-3280.	5.4	40
20	Nuclear movement in fungi. <i>Seminars in Cell and Developmental Biology</i> , 2018, 82, 3-16.	5.0	39
21	The mitotic kinesin-14 KlpA contains a context-dependent directionality switch. <i>Nature Communications</i> , 2017, 8, 13999.	12.8	38
22	Point Mutations in the Stem Region and the Fourth AAA Domain of Cytoplasmic Dynein Heavy Chain Partially Suppress the Phenotype of NUDF/LIS1 Loss in <i>Aspergillus nidulans</i> . <i>Genetics</i> , 2007, 175, 1185-1196.	2.9	31
23	Arp11 Affects Dynein-Dynactin Interaction and is Essential for Dynein Function in <i>Aspergillus nidulans</i> . <i>Traffic</i> , 2008, 9, 1073-1087.	2.7	31
24	In Vivo Roles of the Basic Domain of Dynactin p150 in Microtubule Plus-End Tracking and Dynein Function. <i>Traffic</i> , 2012, 13, 375-387.	2.7	31
25	LIS1 at the microtubule plus end and its role in dynein-mediated nuclear migration. <i>Journal of Cell Biology</i> , 2003, 160, 289-290.	5.2	25
26	Cytoplasmic Dynein's Mitotic Spindle Pole Localization Requires a Functional Anaphase-promoting Complex, β -Tubulin, and NUDF/LIS1 in <i>Aspergillus nidulans</i> . <i>Molecular Biology of the Cell</i> , 2005, 16, 3591-3605.	2.1	23
27	Identification of a Novel Site in the Tail of Dynein Heavy Chain Important for Dynein Function in Vivo. <i>Journal of Biological Chemistry</i> , 2013, 288, 2271-2280.	3.4	22
28	p25 of the dynactin complex plays a dual role in cargo binding and dynactin regulation. <i>Journal of Biological Chemistry</i> , 2018, 293, 15606-15619.	3.4	21
29	Cargo-Mediated Activation of Cytoplasmic Dynein in vivo. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 598952.	3.7	20
30	Dynein Light Intermediate Chain in <i>Aspergillus nidulans</i> Is Essential for the Interaction between Heavy and Intermediate Chains. <i>Journal of Biological Chemistry</i> , 2009, 284, 34760-34768.	3.4	19
31	Discovery of a vezatin-like protein for dynein-mediated early endosome transport. <i>Molecular Biology of the Cell</i> , 2015, 26, 3816-3827.	2.1	19
32	Establishing a novel knock-in mouse line for studying neuronal cytoplasmic dynein under normal and pathological conditions. <i>Cytoskeleton</i> , 2013, 70, 215-227.	2.0	15
33	The <i>Aspergillus nidulans</i> bimC4 mutation provides an excellent tool for identification of kinesin-14 inhibitors. <i>Fungal Genetics and Biology</i> , 2015, 82, 51-55.	2.1	9
34	Dynein activation in vivo is regulated by the nucleotide states of its AAA3 domain. <i>Current Biology</i> , 2021, 31, 4486-4498.e6.	3.9	9
35	A +TIP for a smooth trip. <i>Journal of Cell Biology</i> , 2006, 172, 651-654.	5.2	7
36	Nuclear Positioning: Dynein Needed for Microtubule Shrinkage-Coupled Movement. <i>Current Biology</i> , 2012, 22, R496-R499.	3.9	7

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37	The spindle pole-body localization of activated cytoplasmic dynein is cell cycle-dependent in <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2021, 148, 103519.	2.1	7
38	The actin capping protein in <i>Aspergillus nidulans</i> enhances dynein function without significantly affecting Arp1 filament assembly. <i>Scientific Reports</i> , 2018, 8, 11419.	3.3	6
39	The splicing-factor Prp40 affects dynein–dynactin function in <i>Aspergillus nidulans</i> . <i>Molecular Biology of the Cell</i> , 2020, 31, 1289-1301.	2.1	4
40	The Cytoskeleton in Filamentous Fungi. , 0, , 207-223.		2
41	Insights into cytoplasmic dynein function and regulation from fungal genetics. , 2018, , 470-501.		1