Christian Pohl

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6984786/publications.pdf

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22 papers	1,467 citations	840119 11 h-index	713013 21 g-index
24 all docs	24 docs citations	24 times ranked	1905 citing authors

#	Article	IF	Citations
1	Cellular quality control by the ubiquitin-proteasome system and autophagy. Science, 2019, 366, 818-822.	6.0	633
2	Midbody ring disposal by autophagy is a post-abscission event of cytokinesis. Nature Cell Biology, 2009, 11, 65-70.	4.6	183
3	Final Stages of Cytokinesis and Midbody Ring Formation Are Controlled by BRUCE. Cell, 2008, 132, 832-845.	13.5	167
4	Chiral Forces Organize Left-Right Patterning in C. elegans by Uncoupling Midline and Anteroposterior Axis. Developmental Cell, 2010, 19, 402-412.	3.1	121
5	Coupling of Rotational Cortical Flow, Asymmetric Midbody Positioning, and Spindle Rotation Mediates Dorsoventral Axis Formation in C.Âelegans. Developmental Cell, 2014, 28, 253-267.	3.1	108
6	Actomyosin-based Self-organization of cell internalization during C. elegans gastrulation. BMC Biology, 2012, 10, 94.	1.7	46
7	Cytoskeletal Symmetry Breaking and Chirality: From Reconstituted Systems to Animal Development. Symmetry, 2015, 7, 2062-2107.	1.1	36
8	Mechanical stress induces a scalable switch in cortical flow polarization during cytokinesis. Journal of Cell Science, 2019, 132, .	1.2	31
9	Autophagy and modular restructuring of metabolism control germline tumor differentiation and proliferation inC. elegans. Autophagy, 2016, 12, 529-546.	4.3	25
10	Left-right patterning in the C. elegans embryo. Communicative and Integrative Biology, 2011, 4, 34-40.	0.6	21
11	Tracking and Quantifying Developmental Processes in C. elegans Using Open-source Tools. Journal of Visualized Experiments, 2015, , e53469.	0.2	21
12	A function for the midbody remnant in embryonic patterning. Communicative and Integrative Biology, 2014, 7, e28533.	0.6	12
13	Left-right patterning in the C. elegans embryo: Unique mechanisms and common principles. Communicative and Integrative Biology, 2011, 4, 34-40.	0.6	10
14	The Midbody and its Remnant in Cell Polarization and Asymmetric Cell Division. Results and Problems in Cell Differentiation, 2017, 61, 165-182.	0.2	7
15	Planar Asymmetries in the C. elegans Embryo Emerge by Differential Retention of aPARs at Cell-Cell Contacts. Frontiers in Cell and Developmental Biology, 2019, 7, 209.	1.8	7
16	Dual control of cytokinesis by the ubiquitin and autophagy pathways. Autophagy, 2009, 5, 561-562.	4.3	6
17	Fighting mycobacteria through ISGylation. EMBO Reports, 2012, 13, 872-873.	2.0	5
18	Differential Thresholds of Proteasome Activation Reveal Two Separable Mechanisms of Sensory Organ Polarization in C. elegans. Frontiers in Cell and Developmental Biology, 2021, 9, 619596.	1.8	4

#	Article	IF	Citations
19	Development of a Selective Dual Discoidin Domain Receptor (DDR)/p38 Kinase Chemical Probe. Journal of Medicinal Chemistry, 2021, 64, 13451-13474.	2.9	4
20	Design and Development of a Chemical Probe for Pseudokinase Ca2+/calmodulin-Dependent Ser/Thr Kinase. Journal of Medicinal Chemistry, 2021, 64, 14358-14376.	2.9	3
21	Acute heat shock leads to cortical domain internalization and polarity loss in the C. elegans embryo. Genesis, 2016, 54, 220-228.	0.8	2
22	A Maternal-Effect Toxin Affects Epithelial Differentiation and Tissue Mechanics in Caenorhabditis elegans. Frontiers in Cell and Developmental Biology, 2021, 9, 743496.	1.8	0