Christian Pohl

List of Publications by Year
in descending order

22	1,467	840119 11	713013 21
papers	citations	h-index	g-index

24	24	24	1905
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Development of a Selective Dual Discoidin Domain Receptor (DDR)/p38 Kinase Chemical Probe. Journal of Medicinal Chemistry, 2021, 64, 13451-13474.	2.9	4
3	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
4	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
5	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
6	Cellular quality control by the ubiquitin-proteasome system and autophagy. Science, 2019, 366, 818-822.	6.0	633
7	Mechanical stress induces a scalable switch in cortical flow polarization during cytokinesis. Journal of Cell Science, 2019, 132, .	1.2	31
8	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
9	Acute heat shock leads to cortical domain internalization and polarity loss in the C. elegans embryo. Genesis, 2016, 54, 220-228.	0.8	2
10	Autophagy and modular restructuring of metabolism control germline tumor differentiation and proliferation inC. elegans. Autophagy, 2016, 12, 529-546.	4.3	25
11	Tracking and Quantifying Developmental Processes in C. elegans Using Open-source Tools. Journal of Visualized Experiments, 2015, , e53469.	0.2	21
12	Cytoskeletal Symmetry Breaking and Chirality: From Reconstituted Systems to Animal Development. Symmetry, 2015, 7, 2062-2107.	1.1	36
13	A function for the midbody remnant in embryonic patterning. Communicative and Integrative Biology, 2014, 7, e28533.	0.6	12
14	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
15	Fighting mycobacteria through ISGylation. EMBO Reports, 2012, 13, 872-873.	2.0	5
16	Actomyosin-based Self-organization of cell internalization during C. elegans gastrulation. BMC Biology, 2012, 10, 94.	1.7	46
17	Left-right patterning in the C. elegans embryo. Communicative and Integrative Biology, 2011, 4, 34-40.	0.6	21
18	Left-right patterning in the C. elegans embryo: Unique mechanisms and common principles. Communicative and Integrative Biology, 2011, 4, 34-40.	0.6	10

#	Article	IF	Citations
19	Chiral Forces Organize Left-Right Patterning in C. elegans by Uncoupling Midline and Anteroposterior Axis. Developmental Cell, 2010, 19, 402-412.	3.1	121
20	Dual control of cytokinesis by the ubiquitin and autophagy pathways. Autophagy, 2009, 5, 561-562.	4.3	6
21	Midbody ring disposal by autophagy is a post-abscission event of cytokinesis. Nature Cell Biology, 2009, 11, 65-70.	4.6	183
22	Final Stages of Cytokinesis and Midbody Ring Formation Are Controlled by BRUCE. Cell, 2008, 132, 832-845.	13.5	167