

Suhong Xu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

758
citations

759233

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docs citations

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times ranked

1067
citing authors

#	ARTICLE	IF	CITATIONS
1	Recruitment of tetraspanin TSP-15 to epidermal wounds promotes plasma membrane repair in <i>C.Âlegans</i> . <i>Developmental Cell</i> , 2022, 57, 1630-1642.e4.	7.0	9
2	Rapid and efficient wounding for inÂvivo studies of neuronal dendrite regeneration and degeneration. <i>Journal of Genetics and Genomics</i> , 2021, 48, 163-166.	3.9	3
3	From wound response to repair â€“ lessons from <i>C. elegans</i> . <i>Cell Regeneration</i> , 2021, 10, 5.	2.6	9
4	Tracing cell-type evolution by cross-species comparison of cell atlases. <i>Cell Reports</i> , 2021, 34, 108803.	6.4	44
5	Redox-sensitive CDC-42 clustering promotes wound closure in <i>C.Âlegans</i> . <i>Cell Reports</i> , 2021, 37, 110040.	6.4	6
6	Sensory Glia Detect Repulsive Odorants and Drive Olfactory Adaptation. <i>Neuron</i> , 2020, 108, 707-721.e8.	8.1	31
7	Actin Polymerization and ESCRT Trigger Recruitment of the Fusogens Syntaxin-2 and EFF-1 to Promote Membrane Repair in <i>C.Âlegans</i> . <i>Developmental Cell</i> , 2020, 54, 624-638.e5.	7.0	20
8	<i>Caenorhabditis elegans</i> homologue of Fam210 is required for oogenesis and reproduction. <i>Journal of Genetics and Genomics</i> , 2020, 47, 694-704.	3.9	8
9	Protocol to Induce Wounding and Measure Membrane Repair in <i>Caenorhabditis elegans</i> Epidermis. <i>STAR Protocols</i> , 2020, 1, 100175.	1.2	5
10	Wounding triggers MIRO-1 dependent mitochondrial fragmentation that accelerates epidermal wound closure through oxidative signaling. <i>Nature Communications</i> , 2020, 11, 1050.	12.8	44
11	DAPK interacts with Patronin and the microtubule cytoskeleton in epidermal development and wound repair. <i>ELife</i> , 2016, 5, .	6.0	17
12	Highly efficient optogenetic cell ablation in <i>C. elegans</i> using membrane-targeted miniSOG. <i>Scientific Reports</i> , 2016, 6, 21271.	3.3	69
13	Targeted Mutagenesis of Duplicated Genes in <i>Caenorhabditis elegans</i> Using CRISPR-Cas9. <i>Journal of Genetics and Genomics</i> , 2016, 43, 103-106.	3.9	19
14	The Application of CRISPR-Cas9 Genome Editing in <i>Caenorhabditis elegans</i> . <i>Journal of Genetics and Genomics</i> , 2015, 42, 413-421.	3.9	15
15	<i>C.Âlegans</i> Epidermal Wounding Induces a Mitochondrial ROS Burst that Promotes Wound Repair. <i>Developmental Cell</i> , 2014, 31, 48-60.	7.0	161
16	Methods for Skin Wounding and Assays for Wound Responses in <i>C. elegans</i> . <i>Journal of Visualized Experiments</i> , 2014, .	0.3	12
17	The wounded worm. <i>Worm</i> , 2012, 1, 134-138.	1.0	17
18	The <i>Caenorhabditis elegans</i> epidermis as a model skin. II: differentiation and physiological roles. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2012, 1, 879-902.	5.9	88

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19	Maternal α Norrin, a Canonical Wnt Signaling Agonist and TGF- β 2 Antagonist, Controls Early Neuroectoderm Specification in <i>Xenopus</i> . <i>PLoS Biology</i> , 2012, 10, e1001286.	5.6	20
20	A G β q-Ca $^{2+}$ Signaling Pathway Promotes Actin-Mediated Epidermal Wound Closure in <i>C.Âelegans</i> . <i>Current Biology</i> , 2011, 21, 1960-1967.	3.9	159