

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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752698

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24
all docs

24
docs citations

24
times ranked

1067
citing authors

#	ARTICLE	IF	CITATIONS
1	C.Âelegans Epidermal Wounding Induces a Mitochondrial ROS Burst that Promotes Wound Repair. <i>Developmental Cell</i> , 2014, 31, 48-60.	7.0	161
2	A GÎ±q-Ca2+ Signaling Pathway Promotes Actin-Mediated Epidermal Wound Closure in C.Âelegans. <i>Current Biology</i> , 2011, 21, 1960-1967.	3.9	159
3	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
4	Highly efficient optogenetic cell ablation in C. elegans using membrane-targeted miniSOG. <i>Scientific Reports</i> , 2016, 6, 21271.	3.3	69
5	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
6	Tracing cell-type evolution by cross-species comparison of cell atlases. <i>Cell Reports</i> , 2021, 34, 108803.	6.4	44
7	Sensory Glia Detect Repulsive Odorants and Drive Olfactory Adaptation. <i>Neuron</i> , 2020, 108, 707-721.e8.	8.1	31
8	Actin Polymerization and ESCRT Trigger Recruitment of the Fusogens Syntaxin-2 and EFF-1 to Promote Membrane Repair in C.Âelegans. <i>Developmental Cell</i> , 2020, 54, 624-638.e5.	7.0	20
9	Maternal xNorrin, a Canonical Wnt Signaling Agonist and TGF-Î² Antagonist, Controls Early Neuroectoderm Specification in Xenopus. <i>PLoS Biology</i> , 2012, 10, e1001286.	5.6	20
10	Targeted Mutagenesis of Duplicated Genes in Caenorhabditis elegans Using CRISPR-Cas9. <i>Journal of Genetics and Genomics</i> , 2016, 43, 103-106.	3.9	19
11	The wounded worm. <i>Worm</i> , 2012, 1, 134-138.	1.0	17
12	DAPK interacts with Patronin and the microtubule cytoskeleton in epidermal development and wound repair. <i>ELife</i> , 2016, 5, .	6.0	17
13	The Application of CRISPR-Cas9 Genome Editing in Caenorhabditis elegans. <i>Journal of Genetics and Genomics</i> , 2015, 42, 413-421.	3.9	15
14	Methods for Skin Wounding and Assays for Wound Responses in C. elegans. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	12
15	From wound response to repair “ lessons from C. elegans. <i>Cell Regeneration</i> , 2021, 10, 5.	2.6	9
16	Recruitment of tetraspanin TSP-15 to epidermal wounds promotes plasma membrane repair in C.Âelegans. <i>Developmental Cell</i> , 2022, 57, 1630-1642.e4.	7.0	9
17	Caenorhabditis elegans homologue of Fam210 is required for oogenesis and reproduction. <i>Journal of Genetics and Genomics</i> , 2020, 47, 694-704.	3.9	8
18	Redox-sensitive CDC-42 clustering promotes wound closure in C.Âelegans. <i>Cell Reports</i> , 2021, 37, 110040.	6.4	6

#	ARTICLE	IF	CITATIONS
19	Protocol to Induce Wounding and Measure Membrane Repair in <i>Caenorhabditis elegans</i> Epidermis. STAR Protocols, 2020, 1, 100175.	1.2	5
20	Rapid and efficient wounding for <i>in vivo</i> studies of neuronal dendrite regeneration and degeneration. Journal of Genetics and Genomics, 2021, 48, 163-166.	3.9	3