

Xinhua Lin

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

4,652
citations

201385

27
h-index

118652

62
g-index

65
all docs

65
docs citations

65
times ranked

5081
citing authors

#	ARTICLE	IF	CITATIONS
1	Functions of heparan sulfate proteoglycans in cell signaling during development. <i>Development (Cambridge)</i> , 2004, 131, 6009-6021.	1.2	569
2	Dally cooperates with Drosophila Frizzled 2 to transduce Wingless signalling. <i>Nature</i> , 1999, 400, 281-284.	13.7	459
3	Recapitulation of SARS-CoV-2 infection and cholangiocyte damage with human liver ductal organoids. <i>Protein and Cell</i> , 2020, 11, 771-775.	4.8	313
4	Shaping Morphogen Gradients by Proteoglycans. <i>Cold Spring Harbor Perspectives in Biology</i> , 2009, 1, a002493-a002493.	2.3	299
5	Drosophila Dpp Morphogen Movement Is Independent of Dynamin-Mediated Endocytosis but Regulated by the Glypican Members of Heparan Sulfate Proteoglycans. <i>Cell</i> , 2004, 119, 231-244.	13.5	275
6	The Retromer Complex Influences Wnt Secretion by Recycling Wntless from Endosomes to the Trans-Golgi Network. <i>Developmental Cell</i> , 2008, 14, 120-131.	3.1	275
7	Drosophila glypicans control the cell-to-cell movement of Hedgehog by a dynamin-independent process. <i>Development (Cambridge)</i> , 2004, 131, 601-611.	1.2	222
8	Distinct and collaborative roles of Drosophila EXT family proteins in morphogen signalling and gradient formation. <i>Development (Cambridge)</i> , 2004, 131, 1563-1575.	1.2	206
9	Drosophila glypicans Dally and Dally-like shape the extracellular Wingless morphogen gradient in the wing disc. <i>Development (Cambridge)</i> , 2005, 132, 667-679.	1.2	190
10	<i>pygopus</i> encodes a nuclear protein essential for Wingless/Wnt signaling. <i>Development (Cambridge)</i> , 2002, 129, 4089-4101.	1.2	155
11	Trachea-Derived Dpp Controls Adult Midgut Homeostasis in Drosophila. <i>Developmental Cell</i> , 2013, 24, 133-143.	3.1	113
12	SNX3 controls Wingless/Wnt secretion through regulating retromer-dependent recycling of Wntless. <i>Cell Research</i> , 2011, 21, 1677-1690.	5.7	112
13	Role of heparan sulfate proteoglycans in cell-cell signaling in Drosophila. <i>Matrix Biology</i> , 2000, 19, 303-307.	1.5	97
14	The cell-surface proteins Dally-like and Ihog differentially regulate Hedgehog signaling strength and range during development. <i>Development (Cambridge)</i> , 2010, 137, 2033-2044.	1.2	97
15	The Core Protein of Glypican Dally-Like Determines Its Biphasic Activity in Wingless Morphogen Signaling. <i>Developmental Cell</i> , 2009, 17, 470-481.	3.1	96
16	Genome-wide RNAi Screen Identifies Networks Involved in Intestinal Stem Cell Regulation in Drosophila. <i>Cell Reports</i> , 2015, 10, 1226-1238.	2.9	88
17	<i>pygopus</i> Encodes a nuclear protein essential for wingless/Wnt signaling. <i>Development (Cambridge)</i> , 2002, 129, 4089-101.	1.2	80
18	Selective Inhibition of STRN3-Containing PP2A Phosphatase Restores Hippo Tumor-Suppressor Activity in Gastric Cancer. <i>Cancer Cell</i> , 2020, 38, 115-128.e9.	7.7	70

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19	Retromer regulates apical-basal polarity through recycling crumbs. <i>Developmental Biology</i> , 2011, 360, 87-95.	0.9	62
20	Roles of N-glycosylation and lipidation in Wg secretion and signaling. <i>Developmental Biology</i> , 2012, 364, 32-41.	0.9	61
21	Developmental roles of heparan sulfate proteoglycans in <i>Drosophila</i> . <i>Glycoconjugate Journal</i> , 2002, 19, 363-368.	1.4	58
22	<i>Drosophila</i> glypican Dally-like acts in FGF-receiving cells to modulate FGF signaling during tracheal morphogenesis. <i>Developmental Biology</i> , 2007, 312, 203-216.	0.9	50
23	EMC3 coordinates surfactant protein and lipid homeostasis required for respiration. <i>Journal of Clinical Investigation</i> , 2017, 127, 4314-4325.	3.9	48
24	<i>Drosophila</i> Perlecan Regulates Intestinal Stem Cell Activity via Cell-Matrix Attachment. <i>Stem Cell Reports</i> , 2014, 2, 761-769.	2.3	46
25	RNF8 and SCML2 cooperate to regulate ubiquitination and H3K27 acetylation for escape gene activation on the sex chromosomes. <i>PLoS Genetics</i> , 2018, 14, e1007233.	1.5	45
26	Windpipe Controls <i>Drosophila</i> Intestinal Homeostasis by Regulating JAK/STAT Pathway via Promoting Receptor Endocytosis and Lysosomal Degradation. <i>PLoS Genetics</i> , 2015, 11, e1005180.	1.5	36
27	<i>Drosophila</i> glypicans Dally and Dally-like are essential regulators for JAK/STAT signaling and Unpaired distribution in eye development. <i>Developmental Biology</i> , 2013, 375, 23-32.	0.9	32
28	Epithelial heparan sulfate regulates Sonic Hedgehog signaling in lung development. <i>PLoS Genetics</i> , 2017, 13, e1006992.	1.5	28
29	<i>Drosophila</i> p24 and Sec22 regulate Wingless trafficking in the early secretory pathway. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 483-489.	1.0	27
30	Opposing roles for glypicans in Hedgehog signalling. <i>Nature Cell Biology</i> , 2008, 10, 761-763.	4.6	25
31	Debra-Mediated Ci Degradation Controls Tissue Homeostasis in <i>Drosophila</i> Adult Midgut. <i>Stem Cell Reports</i> , 2014, 2, 135-144.	2.3	25
32	Znhit1 controls intestinal stem cell maintenance by regulating H2A.Z incorporation. <i>Nature Communications</i> , 2019, 10, 1071.	5.8	25
33	Sulfated is a negative feedback regulator of wingless in <i>Drosophila</i> . <i>Developmental Dynamics</i> , 2011, 240, 640-648.	0.8	23
34	Gene manipulation in liver ductal organoids by optimized recombinant adeno-associated virus vectors. <i>Journal of Biological Chemistry</i> , 2019, 294, 14096-14104.	1.6	22
35	The <i>Drosophila</i> tankyrase regulates Wg signaling depending on the concentration of Daxin. <i>Cellular Signalling</i> , 2014, 26, 1717-1724.	1.7	21
36	Modeling hepatoblastoma development with human fetal liver organoids reveals YAP1 activation is sufficient for tumorigenesis. <i>Protein and Cell</i> , 2022, 13, 683-688.	4.8	18

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37	Drosophila USP5 Controls the Activation of Apoptosis and the Jun N-Terminal Kinase Pathway during Eye Development. <i>PLoS ONE</i> , 2014, 9, e92250.	1.1	17
38	The SRCAP chromatin remodeling complex promotes oxidative metabolism during prenatal heart development. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	17
39	The Sterile 20-Like Kinase Tao Controls Tissue Homeostasis by Regulating the Hippo Pathway in Drosophila Adult Midgut. <i>Journal of Genetics and Genomics</i> , 2014, 41, 429-438.	1.7	16
40	Chromatin remodeler Znhit1 preserves hematopoietic stem cell quiescence by determining the accessibility of distal enhancers. <i>Leukemia</i> , 2020, 34, 3348-3358.	3.3	16
41	An MST4- ϵ -Catenin ^{Thr40} Signaling Axis Controls Intestinal Stem Cell and Tumorigenesis. <i>Advanced Science</i> , 2021, 8, e2004850.	5.6	16
42	Znhit1 controls meiotic initiation in male germ cells by coordinating with Stra8 to activate meiotic gene expression. <i>Developmental Cell</i> , 2022, 57, 901-913.e4.	3.1	16
43	Hyperplastic discs differentially regulates the transcriptional outputs of hedgehog signaling. <i>Mechanisms of Development</i> , 2014, 133, 117-125.	1.7	15
44	The deubiquitinating enzyme Usp5 regulates Notch and RTK signaling during <i>Drosophila</i> eye development. <i>FEBS Letters</i> , 2017, 591, 875-888.	1.3	14
45	Modeling Human Thyroid Development by Fetal Tissue-Derived Organoid Culture. <i>Advanced Science</i> , 2022, 9, e2105568.	5.6	14
46	Generation of liver bipotential organoids with a small-molecule cocktail. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 618-629.	1.5	13
47	Hs3st-A and Hs3st-B regulate intestinal homeostasis in Drosophila adult midgut. <i>Cellular Signalling</i> , 2014, 26, 2317-2325.	1.7	12
48	Tankyrase regulates apoptosis by activating JNK signaling in Drosophila. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 2234-2239.	1.0	11
49	Drosophila miR-932 modulates hedgehog signaling by targeting its co-receptor Brother of ihog. <i>Developmental Biology</i> , 2013, 377, 166-176.	0.9	10
50	Wnt signaling promotes hindgut fate commitment through regulating multi-lineage genes during hESC differentiation. <i>Cellular Signalling</i> , 2017, 29, 12-22.	1.7	10
51	Retromer Promotes Immune Quiescence by Suppressing Spitz-Toll Pathway in <i>Drosophila</i> . <i>Journal of Cellular Physiology</i> , 2014, 229, 512-520.	2.0	9
52	UHRF1-repressed 5 ^m -hydroxymethylcytosine is essential for the male meiotic prophase I. <i>Cell Death and Disease</i> , 2020, 11, 142.	2.7	9
53	EMC3 Is Essential for Retinal Organization and Neurogenesis During Mouse Retinal Development. , 2021, 62, 31.		9
54	Emc3 maintains intestinal homeostasis by preserving secretory lineages. <i>Mucosal Immunology</i> , 2021, 14, 873-886.	2.7	9

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55	SIRT2 knockdown rescues GARS-induced Charcot-Marie-Tooth neuropathy. <i>Aging Cell</i> , 2021, 20, e13391.	3.0	8
56	Defense of COVID-19 by Human Organoids. <i>Phenomics</i> , 2021, 1, 113-128.	0.9	8
57	<i>Drosophila</i> VAMP7 regulates Wingless intracellular trafficking. <i>PLoS ONE</i> , 2017, 12, e0186938.	1.1	7
58	<i>Drosophila</i> heparan sulfate 3-O sulfotransferase B Null Mutant Is Viable and Exhibits No Defects in Notch Signaling. <i>Journal of Genetics and Genomics</i> , 2014, 41, 369-378.	1.7	6
59	dBrms1 Acts as a Positive Regulator of Notch Signaling in <i>Drosophila</i> Wing. <i>Journal of Genetics and Genomics</i> , 2014, 41, 317-325.	1.7	5
60	Critical role of Znhit1 for postnatal heart function and vacuolar cardiomyopathy. <i>JCI Insight</i> , 2022, 7, .	2.3	4
61	Znhit1 Regulates p21 ^{Cip1} to Control Mouse Lens Differentiation. , 2022, 63, 18.		4
62	Sumoylation Stabilizes Smoothed to Promote Hedgehog Signaling. <i>Developmental Cell</i> , 2016, 39, 385-387.	3.1	3
63	Multiple roles of epithelial heparan sulfate in stomach morphogenesis. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	3
64	The rise of developmental biology in China. <i>Development Growth and Differentiation</i> , 2022, 64, 106-115.	0.6	3
65	An essential glycobiology resource for developmental biologists. <i>Development (Cambridge)</i> , 2009, 136, 4072-4073.	1.2	0