Jin Jiang

List of Publications by Year
in descending order

90 papers	10,639 citations	53794 45 h-index	51608 86 g-index
91 all docs	91 docs citations	91 times ranked	9557 citing authors

#	Article	IF	Citations
1	Hedgehog signaling mechanism and role in cancer. Seminars in Cancer Biology, 2022, 85, 107-122.	9.6	60
2	Cell-Based Assays for Smoothened Ubiquitination and Sumoylation. Methods in Molecular Biology, 2022, 2374, 139-147.	0.9	1
3	Characterization of Smoothened Phosphorylation and Activation. Methods in Molecular Biology, 2022, 2374, 121-137.	0.9	0
4	Ci/Gli Phosphorylation by the Fused/Ulk Family Kinases. Methods in Molecular Biology, 2022, 2374, 213-229.	0.9	1
5	Gli Phosphorylation Code in Hedgehog Signal Transduction. Frontiers in Cell and Developmental Biology, 2022, 10, 846927.	3.7	11
6	Revealing the secret behind Smo cholesterylation. Cell Research, 2022, 32, 327-328.	12.0	0
7	Regulation of Smoothened Trafficking and Abundance in Hedgehog Signaling. Frontiers in Cell and Developmental Biology, 2022, 10, 847844.	3.7	1
8	YAP inhibits ERÎ± and ER+ breast cancer growth by disrupting a TEAD-ERÎ± signaling axis. Nature Communications, 2022, 13, .	12.8	22
9	Expression and purification of fused kinase from insect cells for in vitro kinase assay. STAR Protocols, 2021, 2, 100376.	1.2	4
10	Hippo-Independent Regulation of Yki/Yap/Taz: A Non-canonical View. Frontiers in Cell and Developmental Biology, 2021, 9, 658481.	3.7	25
11	Regulation of Hedgehog Signal Transduction by Ubiquitination and Deubiquitination. International Journal of Molecular Sciences, 2021, 22, 13338.	4.1	8
12	CDK7 regulates organ size and tumor growth by safeguarding the Hippo pathway effector Yki/Yap/Taz in the nucleus. Genes and Development, 2020, 34, 53-71.	5.9	43
13	Gilgamesh (Gish)/CK1Î³ regulates tissue homeostasis and aging in adult Drosophila midgut. Journal of Cell Biology, 2020, 219, .	5.2	3
14	Phosphorylation of Ci/Gli by Fused Family Kinases Promotes Hedgehog Signaling. Developmental Cell, 2019, 50, 610-626.e4.	7.0	47
15	Acylglycerol Kinase Maintains Metabolic State and Immune Responses of CD8+ T Cells. Cell Metabolism, 2019, 30, 290-302.e5.	16.2	55
16	Hippo signaling is intrinsically regulated during cell cycle progression by APC/C ^{Cdh1}. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9423-9432.	7.1	48
17	Hedgehog reciprocally controls trafficking of Smo and Ptc through the Smurf family of E3 ubiquitin ligases. Science Signaling, 2018, 11, .	3.6	34
18	Regulation of Yki/Yap subcellular localization and Hpo signaling by a nuclear kinase PRP4K. Nature Communications, 2018, 9, 1657.	12.8	35

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19	Misshapen Connects Food, Mechanosensing, and Intestinal Growth. Developmental Cell, 2018, 45, 417-418.	7.0	2
20	Regulation of Smoothened ubiquitination and cell surface expression by a Cul4-DDB1-GÎ² E3 ubiquitin ligase complex. Journal of Cell Science, 2018, 131, .	2.0	26
21	SENP3 maintains the stability and function of regulatory T cells via BACH2 deSUMOylation. Nature Communications, 2018, 9, 3157.	12.8	87
22	Capping Enzyme mRNA-cap/RNGTT Regulates Hedgehog Pathway Activity by Antagonizing Protein Kinase A. Scientific Reports, 2017, 7, 2891.	3.3	15
23	Injury-stimulated and self-restrained BMP signaling dynamically regulates stem cell pool size during Drosophila midgut regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2699-E2708.	7.1	52
24	Dual role of BMP signaling in the regulation of Drosophila intestinal stem cell self-renewal. Fly, 2017, 11, 297-302.	1.7	8
25	CK1 in Developmental Signaling. Current Topics in Developmental Biology, 2017, 123, 303-329.	2.2	40
26	Regulation of Gli ciliary localization and Hedgehog signaling by the PY-NLS/karyopherin-Î²2 nuclear import system. PLoS Biology, 2017, 15, e2002063.	5.6	41
27	Human CAFs promote lymphangiogenesis in ovarian cancer via the Hh-VEGF-C signaling axis. Oncotarget, 2017, 8, 67315-67328.	1.8	34
28	Intestinal stem cell response to injury: lessons from Drosophila. Cellular and Molecular Life Sciences, 2016, 73, 3337-3349.	5.4	111
29	Regulation of Smoothened Trafficking and Hedgehog Signaling by the SUMO Pathway. Developmental Cell, 2016, 39, 438-451.	7.0	49
30	Regulation of Smoothened Phosphorylation and High-Level Hedgehog Signaling Activity by a Plasma Membrane Associated Kinase. PLoS Biology, 2016, 14, e1002481.	5.6	48
31	Overlapping functions of the MAP4K family kinases Hppy and Msn in Hippo signaling. Cell Discovery, 2015, 1, 15038.	6.7	46
32	Injury-stimulated Hedgehog signaling promotes regenerative proliferation of Drosophila intestinal stem cells. Journal of Cell Biology, 2015, 208, 807-819.	5.2	56
33	Deubiquitination of Ci/Gli by Usp7/HAUSP Regulates Hedgehog Signaling. Developmental Cell, 2015, 34, 58-72.	7.0	75
34	Multisite interaction with Sufu regulates Ci/Gli activity through distinct mechanisms in Hh signal transduction. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6383-6388.	7.1	60
35	Hedgehog fuels gut regeneration. Oncotarget, 2015, 6, 20750-20751.	1.8	1
36	Hedgehog induces formation of PKA-Smoothened complexes to promote Smoothened phosphorylation and pathway activation. Science Signaling, 2014, 7, ra62.	3.6	44

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37	Hedgehog-induced phosphorylation by CK1 sustains the activity of Ci/Gli activator. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5651-60.	7.1	34
38	Drosophila Casein Kinase 2 (CK2) Promotes Warts Protein to Suppress Yorkie Protein Activity for Growth Control. Journal of Biological Chemistry, 2014, 289, 33598-33607.	3.4	7
39	Suppressor of fused impedes Ci/Gli nuclear import by opposing Trn/Kapî²2 in Hedgehog signaling. Journal of Cell Science, 2014, 127, 1092-103.	2.0	34
40	Hedgehog signaling downregulates Suppressor of Fused through the HIB/SPOP-Crn axis in Drosophila. Cell Research, 2014, 24, 595-609.	12.0	22
41	The Conserved Misshapen-Warts-Yorkie Pathway Acts in Enteroblasts to Regulate Intestinal Stem Cells in Drosophila. Developmental Cell, 2014, 31, 291-304.	7.0	112
42	Receptor Modifications in Hedgehog Regulation. Topics in Medicinal Chemistry, 2014, , 109-125.	0.8	0
43	Hedgehog-regulated atypical PKC promotes phosphorylation and activation of Smoothened and Cubitus interruptus in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4842-50.	7.1	35
44	Intestinal epithelium-derived BMP controls stem cell self-renewal in Drosophila adult midgut. ELife, 2014, 3, e01857.	6.0	88
45	Par-1 Regulates Tissue Growth by Influencing Hippo Phosphorylation Status and Hippo-Salvador Association. PLoS Biology, 2013, 11, e1001620.	5.6	56
46	Drosophila Myc integrates multiple signaling pathways to regulate intestinal stem cell proliferation during midgut regeneration. Cell Research, 2013, 23, 1133-1146.	12.0	51
47	Structural insight into the mutual recognition and regulation between Suppressor of Fused and Gli/Ci. Nature Communications, 2013, 4, 2608.	12.8	43
48	Decoding the phosphorylation code in Hedgehog signal transduction. Cell Research, 2013, 23, 186-200.	12.0	119
49	Dimerization and Cytoplasmic Localization Regulate Hippo Kinase Signaling Activity in Organ Size Control. Journal of Biological Chemistry, 2012, 287, 5784-5796.	3.4	44
50	Smoothened transduces Hedgehog signal by forming a complex with Evc/Evc2. Cell Research, 2012, 22, 1593-1604.	12.0	85
51	The Cell Adhesion Molecule Echinoid Functions as a Tumor Suppressor and Upstream Regulator of the Hippo Signaling Pathway. Developmental Cell, 2012, 22, 255-267.	7.0	88
52	Hedgehog-Regulated Ubiquitination Controls Smoothened Trafficking and Cell Surface Expression in Drosophila. PLoS Biology, 2012, 10, e1001239.	5.6	129
53	Tuberous sclerosis complex and Myc coordinate the growth and division ofDrosophilaintestinal stem cells. Journal of Cell Biology, 2011, 193, 695-710.	5.2	87
54	The Hedgehog-induced Smoothened conformational switch assembles a signaling complex that activates Fused by promoting its dimerization and phosphorylation. Development (Cambridge), 2011, 138, 4219-4231.	2.5	56

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55	Sonic Hedgehog Dependent Phosphorylation by CK1Î± and GRK2 Is Required for Ciliary Accumulation and Activation of Smoothened. PLoS Biology, 2011, 9, e1001083.	5.6	176
56	Overview of Hedgehog Signaling Pathway. , 2011, , 1-15.		0
57	Hippo signaling regulatesDrosophilaintestine stem cell proliferation through multiple pathways. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21064-21069.	7.1	283
58	G protein-coupled receptor kinase 2 promotes high-level Hedgehog signaling by regulating the active state of Smo through kinase-dependent and kinase-independent mechanisms in Drosophila. Genes and Development, 2010, 24, 2054-2067.	5.9	87
59	Mammalian Mst1 and Mst2 kinases play essential roles in organ size control and tumor suppression. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1431-1436.	7.1	481
60	Casein Kinase 2 Promotes Hedgehog Signaling by Regulating both Smoothened and Cubitus Interruptus. Journal of Biological Chemistry, 2010, 285, 37218-37226.	3.4	81
61	Hippo signaling regulates Yorkie nuclear localization and activity through 14-3-3 dependent and independent mechanisms. Developmental Biology, 2010, 337, 303-312.	2.0	156
62	Hippo signaling pathway and organ size control. Fly, 2009, 3, 68-73.	1.7	66
63	Identification of Domains Responsible for Ubiquitin-Dependent Degradation of dMyc by Glycogen Synthase Kinase 3Î² and Casein Kinase 1 Kinases. Molecular and Cellular Biology, 2009, 29, 3424-3434.	2.3	34
64	Small-molecule inhibitors reveal multiple strategies for Hedgehog pathway blockade. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14132-14137.	7.1	274
65	Multiple Ser/Thr-rich degrons mediate the degradation of Ci/Gli by the Cul3-HIB/SPOP E3 ubiquitin ligase. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21191-21196.	7.1	127
66	Converse Conformational Control of Smoothened Activity by Structurally Related Small Molecules. Journal of Biological Chemistry, 2009, 284, 20876-20884.	3.4	51
67	Tissue Damage-Induced Intestinal Stem Cell Division in Drosophila. Cell Stem Cell, 2009, 4, 49-61.	11.1	454
68	The TEAD/TEF Family of Transcription Factor Scalloped Mediates Hippo Signaling in Organ Size Control. Developmental Cell, 2008, 14, 377-387.	7.0	547
69	Hedgehog Signaling in Development and Cancer. Developmental Cell, 2008, 15, 801-812.	7.0	986
70	Transducing the Hedgehog Signal Across the Plasma Membrane. Fly, 2007, 1, 333-336.	1.7	16
71	Fusedâ€“Costal2 protein complex regulates Hedgehog-induced Smo phosphorylation and cell-surface accumulation. Genes and Development, 2007, 21, 1949-1963.	5.9	59
72	Suppression of Hedgehog signaling by Cul3 ligases in proliferation control of retinal precursors. Developmental Biology, 2007, 308, 106-119.	2.0	22

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73	Using Immunoprecipitation to Study Proteinâ€"Protein Interactions in the Hedgehog-Signaling Pathway. Methods in Molecular Biology, 2007, 397, 215-229.	0.9	13
74	Hedgehog regulates smoothened activity by inducing a conformational switch. Nature, 2007, 450, 252-258.	27.8	244
75	A Hedgehog-Induced BTB Protein Modulates Hedgehog Signaling by Degrading Ci/Gli Transcription Factor. Developmental Cell, 2006, 10, 719-729.	7.0	205
76	Regulation of wingless signaling by the CKI family in Drosophila limb development. Developmental Biology, 2006, 299, 221-237.	2.0	38
77	Regulation of Hh/Gli Signaling by Dual Ubiquitin Pathways. Cell Cycle, 2006, 5, 2457-2463.	2.6	117
78	Hedgehog-Regulated Costal2-Kinase Complexes Control Phosphorylation and Proteolytic Processing of Cubitus Interruptus. Developmental Cell, 2005, 8, 267-278.	7.0	169
79	Phosphorylation by Double-Time/CKIÎµ and CKIÎ± Targets Cubitus Interruptus for Slimb/Î²-TRCP-Mediated Proteolytic Processing. Developmental Cell, 2005, 9, 819-830.	7.0	132
80	Hedgehog signalling activity of Smoothened requires phosphorylation by protein kinase A and casein kinase I. Nature, 2004, 432, 1045-1050.	27.8	300
81	Multiple Cos2/Ci interactions regulate Ci subcellular localization through microtubule dependent and independent mechanisms. Developmental Biology, 2004, 268, 493-505.	2.0	59
82	The Drosophila Ste20 family kinase dMST functions as a tumor suppressor by restricting cell proliferation and promoting apoptosis. Genes and Development, 2003, 17, 2514-2519.	5.9	347
83	Smoothened transduces Hedgehog signal by physically interacting with Costal2/Fused complex through its C-terminal tail. Genes and Development, 2003, 17, 2709-2720.	5.9	159
84	Degrading Ci: who is Cul-pable?. Genes and Development, 2002, 16, 2315-2321.	5.9	31
85	Shaggy/GSK3 antagonizes Hedgehog signalling by regulating Cubitus interruptus. Nature, 2002, 416, 548-552.	27.8	283
86	Distinct roles of Central missing and Dispatched in sending the Hedgehog signal. Development (Cambridge), 2001, 128, 5119-5127.	2.5	89
87	Interactions with Costal2 and Suppressor of fused regulate nuclear translocation and activity of Cubitus interruptus. Genes and Development, 2000, 14, 2893-2905.	5.9	159
88	Regulation of the Hedgehog and Wingless signalling pathways by the F-box/WD40-repeat protein Slimb. Nature, 1998, 391, 493-496.	27.8	1,610
89	Complementary and Mutually Exclusive Activities of Decapentaplegic and Wingless Organize Axial Patterning during Drosophila Leg Development. Cell, 1996, 86, 401-409.	28.9	175
90	Protein kinase A and hedgehog signaling in drosophila limb development. Cell, 1995, 80, 563-572.	28.9	324