Qinghua Tao

List of Publications by Year
in descending order

40 papers	1,626 citations	361413 20 h-index	330143 37 g-index
40 all docs	40 docs citations	40 times ranked	1980 citing authors

#	Article	IF	Citations
1	Maternal Wnt11 Activates the Canonical Wnt Signaling Pathway Required for Axis Formation in Xenopus Embryos. Cell, 2005, 120, 857-871.	28.9	454
2	Wnt5a and Wnt11 interact in a maternal Dkk1-regulated fashion to activate both canonical and non-canonical signaling in<i>Xenopus</i>axis formation. Development (Cambridge), 2008, 135, 3719-3729.	2.5	131
3	The roles of three signaling pathways in the formation and function of the Spemann Organizer. Development (Cambridge), 2002, 129, 4027-4043.	2.5	116
4	N- and E-cadherins in<i>Xenopus</i>are specifically required in the neural and non-neural ectoderm, respectively, for F-actin assembly and morphogenetic movements. Development (Cambridge), 2009, 136, 1327-1338.	2.5	110
5	Wnt11/Î²-catenin signaling in both oocytes and early embryos acts through LRP6-mediated regulation of axin. Development (Cambridge), 2007, 134, 503-513.	2.5	86
6	Jun NH2-terminal kinase (JNK) prevents nuclear beta-catenin accumulation and regulates axis formation in Xenopus embryos. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16313-16318.	7.1	60
7	Phase separation of Axin organizes the Î²-catenin destruction complex. Journal of Cell Biology, 2021, 220, .	5.2	59
8	Maternal Huluwa dictates the embryonic body axis through Î²-catenin in vertebrates. Science, 2018, 362, .	12.6	52
9	Molecular architecture of the luminal ring of the Xenopus laevis nuclear pore complex. Cell Research, 2020, 30, 532-540.	12.0	51
10	Structure of the cytoplasmic ring of the Xenopus laevis nuclear pore complex by cryo-electron microscopy single particle analysis. Cell Research, 2020, 30, 520-531.	12.0	51
11	Structure of the cytoplasmic ring of the <i>Xenopus laevis</i> nuclear pore complex. Science, 2022, 376, .	12.6	44
12	Transmembrane Protein 198 Promotes LRP6 Phosphorylation and Wnt Signaling Activation. Molecular and Cellular Biology, 2011, 31, 2577-2590.	2.3	37
13	G-protein-coupled signals control cortical actin assembly by controlling cadherin expression in the early Xenopus embryo. Development (Cambridge), 2007, 134, 2651-2661.	2.5	32
14	Organizer-derived Bmp2 is required for the formation of a correct Bmp activity gradient during embryonic development. Nature Communications, 2014, 5, 3766.	12.8	30
15	NEDD4L regulates convergent extension movements in Xenopus embryos via Disheveled-mediated non-canonical Wnt signaling. Developmental Biology, 2014, 392, 15-25.	2.0	29
16	Repression through a distal TCF-3 binding site restricts Xenopus myf-5 expression in gastrula mesoderm. Mechanisms of Development, 2002, 115, 79-89.	1.7	27
17	Lysophosphatidic acid signaling controls cortical actin assembly and cytoarchitecture in Xenopus embryos. Development (Cambridge), 2005, 132, 805-816.	2.5	26
18	KDM3A-mediated demethylation of histone H3 lysine 9 facilitates the chromatin binding of Neurog2 during neurogenesis. Development (Cambridge), 2017, 144, 3674-3685.	2.5	26

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19	Compound C induces protective autophagy in human cholangiocarcinoma cells via Akt/mTORâ€independent pathway. Journal of Cellular Biochemistry, 2018, 119, 5538-5550.	2.6	26
20	Conserved gene regulatory module specifies lateral neural borders across bilaterians. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6352-E6360.	7.1	24
21	A novel G protein-coupled receptor, related to GPR4, is required for assembly of the cortical actin skeleton in early Xenopusembryos. Development (Cambridge), 2005, 132, 2825-2836.	2.5	19
22	Cryo-EM structure of the nuclear ring from Xenopus laevis nuclear pore complex. Cell Research, 2022, 32, 349-358.	12.0	19
23	The role of maternal CREB in early embryogenesis of Xenopus laevis. Developmental Biology, 2003, 261, 337-352.	2.0	17
24	A novel role for ASCL1 in the regulation of mesendoderm formation via HDAC-dependent antagonism of VegT function. Development (Cambridge), 2015, 143, 492-503.	2.5	17
25	An interferon regulatory factor-like binding element restrictsXmyf-5expression in the posterior somites duringXenopusmyogenesis. FEBS Letters, 2001, 505, 47-52.	2.8	12
26	c-Myc promotes cholangiocarcinoma cells to overcome contact inhibition via the mTOR pathway. Oncology Reports, 2017, 38, 2498-2506.	2.6	11
27	The MLL/Setd1b methyltransferase is required for the Spemann's organizer gene activation in Xenopus. Mechanisms of Development, 2016, 142, 1-9.	1.7	8
28	NF2/Merlin is required for the axial pattern formation in the Xenopus laevis embryo. Mechanisms of Development, 2015, 138, 305-312.	1.7	7
29	Lysosomal degradation of the maternal dorsal determinant Hwa safeguards dorsal body axis formation. EMBO Reports, 2021, 22, e53185.	4.5	7
30	The Xenopus noggin promoter drives roof-plate specific transcription. NeuroReport, 2003, 14, 2163-2166.	1.2	6
31	Regulation of Classical Cadherin Membrane Expression and F-Actin Assembly by Alpha-Catenins, during Xenopus Embryogenesis. PLoS ONE, 2012, 7, e38756.	2.5	6
32	Sebox regulates mesoderm formation in early amphibian embryos. Developmental Dynamics, 2015, 244, 1415-1426.	1.8	6
33	Small C-terminal Domain Phosphatase 3 Dephosphorylates the Linker Sites of Receptor-regulated Smads (R-Smads) to Ensure Transforming Growth Factor Î² (TGFÎ²)-mediated Germ Layer Induction in Xenopus Embryos. Journal of Biological Chemistry, 2015, 290, 17239-17249.	3.4	6
34	The RNF146 E3 ubiquitin ligase is required for the control of Wnt signaling and body pattern formation in Xenopus. Mechanisms of Development, 2017, 147, 28-36.	1.7	5
35	The cytokine FAM3B/PANDER is an FGFR ligand that promotes posterior development in <i>Xenopus</i>. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	5
36	Maternal Mga is required for Wnt signaling and organizer formation in the early Xenopus embryo. Acta Biochimica Et Biophysica Sinica, 2012, 44, 939-947.	2.0	3

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37	HMCES modulates the transcriptional regulation of nodal/activin and BMP signaling in mESCs. Cell Reports, 2022, 40, 111038.	6.4	1
38	Analysis for the dorsalization potency of the animal blastomeres of the 16 cell stageXenopus embryo. Science Bulletin, 1999, 44, 538-540.	1.7	0
39	Ascl1 represses the mesendoderm induction in Xenopus. Acta Biochimica Et Biophysica Sinica, 2016, 48, 1006-1015.	2.0	0
40	Expression of the hormonal FGF coâ€receptor <i>Klotho beta</i> in the <i>Xenopus laevis</i> model. Cell Biology International, 2019, 43, 207-213.	3.0	0