Ira L Blitz

List of Publications by Year in descending order

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Version: 2024-02-01

34 papers	2,541 citations	331670 21 h-index	395702 33 g-index
39 all docs	39 docs citations	39 times ranked	3091 citing authors

#	Article	IF	Citations
1	The Genome of the Western Clawed Frog Xenopus tropicalis. Science, 2010, 328, 633-636.	12.6	708
2	Mammalian BMP-1/Tolloid-Related Metalloproteinases, Including Novel Family Member Mammalian Tolloid-Like 2, Have Differential Enzymatic Activities and Distributions of Expression Relevant to Patterning and Skeletogenesis. Developmental Biology, 1999, 213, 283-300.	2.0	313
3	Biallelic genome modification in F₀Xenopus tropicalis embryos using the CRISPR/Cas system. Genesis, 2013, 51, 827-834.	1.6	182
4	Homologues of Twisted gastrulation are extracellular cofactors in antagonism of BMP signalling. Nature, 2001, 410, 475-478.	27.8	173
5	Measuring Absolute RNA Copy Numbers at High Temporal Resolution Reveals Transcriptome Kinetics in Development. Cell Reports, 2016, 14, 632-647.	6.4	155
6	Cas9-Based Genome Editing in Xenopus tropicalis. Methods in Enzymology, 2014, 546, 355-375.	1.0	96
7	HyBMP5-8b , a BMP5-8 orthologue, acts during axial patterning and tentacle formation in hydra. Developmental Biology, 2004, 267, 43-59.	2.0	90
8	BMPs, Smads and metalloproteases: extracellular and intracellular modes of negative regulation. Current Opinion in Genetics and Development, 1998, 8, 443-449.	3.3	73
9	Is Chordin a Long-Range- or Short-Range-Acting Factor? Roles for BMP1-Related Metalloproteases in Chordin and BMP4 Autofeedback Loop Regulation. Developmental Biology, 2000, 223, 120-138.	2.0	64
10	Genome-wide view of TGFÎ²/Foxh1 regulation of the early mesendoderm program. Development (Cambridge), 2014, 141, 4537-4547.	2.5	63
11	Foxh1 Occupies cis-Regulatory Modules Prior to Dynamic Transcription Factor Interactions Controlling the Mesendoderm Gene Program. Developmental Cell, 2017, 40, 595-607.e4.	7.0	63
12	Tob proteins enhance inhibitory Smad-receptor interactions to repress BMP signaling. Mechanisms of Development, 2003, 120, 629-637.	1.7	57
13	Phylogenetic footprinting and genome scanning identify vertebrate BMP response elements and new target genes. Developmental Biology, 2005, 281, 210-226.	2.0	57
14	Schnurri transcription factors from Drosophila and vertebrates can mediate Bmp signaling through a phylogenetically conserved mechanism. Development (Cambridge), 2006, 133, 4025-4034.	2.5	49
15	Twisted gastrulation loss-of-function analyses support its role as a BMP inhibitor during early Xenopus embryogenesis. Development (Cambridge), 2003, 130, 4975-4988.	2.5	47
16	Finding partners: How BMPs select their targets. Developmental Dynamics, 2009, 238, 1321-1331.	1.8	44
17	A gene regulatory program controlling early Xenopus mesendoderm formation: Network conservation and motifs. Seminars in Cell and Developmental Biology, 2017, 66, 12-24.	5.0	38
18	Germ layers to organs: Using Xenopus to study â€œlaterâ€•development. Seminars in Cell and Developmental Biology, 2006, 17, 133-145.	5.0	35

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19	Sox17 and Î²-catenin co-occupy Wnt-responsive enhancers to govern the endoderm gene regulatory network. ELife, 2020, 9, .	6.0	35
20	A catalog of Xenopus tropicalis transcription factors and their regional expression in the early gastrula stage embryo. Developmental Biology, 2017, 426, 409-417.	2.0	34
21	Endodermal Maternal Transcription Factors Establish Super-Enhancers during Zygotic Genome Activation. Cell Reports, 2019, 27, 2962-2977.e5.	6.4	31
22	Leapfrogging: primordial germ cell transplantation permits recovery of CRISPR/Cas9-induced mutations in essential genes. Development (Cambridge), 2016, 143, 2868-75.	2.5	26
23	Developmentally regulated long non-coding RNAs in Xenopus tropicalis. Developmental Biology, 2017, 426, 401-408.	2.0	17
24	Foxh1/Nodal Defines Context-Specific Direct Maternal Wnt/Î²-Catenin Target Gene Regulation in Early Development. IScience, 2020, 23, 101314.	4.1	14
25	Morpholinos Do Not Elicit an Innate Immune Response during Early Xenopus Embryogenesis. Developmental Cell, 2019, 49, 643-650.e3.	7.0	12
26	Control of zygotic genome activation in Xenopus. Current Topics in Developmental Biology, 2021, 145, 167-204.	2.2	12
27	Uncovering the mesendoderm gene regulatory network through multi-omic data integration. Cell Reports, 2022, 38, 110364.	6.4	10
28	CRISPRâ€“Cas9 Mutagenesis in Xenopus tropicalis for Phenotypic Analyses in the F₀ Generation and Beyond. Cold Spring Harbor Protocols, 2022, 2022, pdb.prot106971.	0.3	9
29	Anterograde regulation of mitochondrial genes and FGF21 signaling by hepatic LSD1. JCI Insight, 2021, 6, .	5.0	7
30	DNase-seq to Study Chromatin Accessibility in Early Xenopus tropicalis Embryos. Cold Spring Harbor Protocols, 2019, 2019, pdb.prot098335.	0.3	4
31	Navigating the Xenopus tropicalis Genome. Methods in Molecular Biology, 2012, 917, 43-65.	0.9	3
32	Primordial Germ Cell Transplantation for CRISPR/Cas9-based Leapfrogging in Xenopus. Journal of Visualized Experiments, 2018, , .	0.3	2
33	Leapfrogging: A Method for Targeting Genome Editing to the Germline. , 0, , 84-96.		0
34	Short-Versus Long-Range Effects of Spemannâ€™s Organizer. , 2004, , 11-23.		0