Hajime Ogino

List of Publications by Year
in descending order

47 papers	3,485 citations	257450 24 h-index	265206 42 g-index
49 all docs	49 docs citations	49 times ranked	3895 citing authors

#	Article	IF	Citations
1	Genome evolution in the allotetraploid frog Xenopus laevis. Nature, 2016, 538, 336-343.	27.8	849
2	The Genome of the Western Clawed Frog <i>Xenopus tropicalis</i>. Science, 2010, 328, 633-636.	12.6	708
3	Induction of Lens Differentiation by Activation of a bZIP Transcription Factor, L-Maf. Science, 1998, 280, 115-118.	12.6	269
4	Regulation of Lens Fiber Cell Differentiation by Transcription Factor c-Maf. Journal of Biological Chemistry, 1999, 274, 19254-19260.	3.4	226
5	High-throughput transgenesis in Xenopus using I-SceI meganuclease. Nature Protocols, 2006, 1, 1703-1710.	12.0	124
6	Wnt/Î²-catenin signaling has an essential role in the initiation of limb regeneration. Developmental Biology, 2007, 306, 170-178.	2.0	110
7	Sequential activation of transcription factors in lens induction. Development Growth and Differentiation, 2000, 42, 437-448.	1.5	109
8	Highly efficient transgenesis in Xenopus tropicalis using I-SceI meganuclease. Mechanisms of Development, 2006, 123, 103-113.	1.7	101
9	Convergence of a head-field selector Otx2 and Notch signaling: a mechanism for lens specification. Development (Cambridge), 2008, 135, 249-258.	2.5	79
10	Xenopus tropicalis transgenic lines and their use in the study of embryonic induction. Developmental Dynamics, 2002, 225, 522-535.	1.8	71
11	Conserved expression of mouse Six1 in the pre-placodal region (PPR) and identification of an enhancer for the rostral PPR. Developmental Biology, 2010, 344, 158-171.	2.0	67
12	L-Maf, a downstream target of Pax6, is essential for chick lens development. Mechanisms of Development, 2002, 116, 61-73.	1.7	59
13	Developmental regulation of the chicken Î²B1-crystallin promoter in transgenic mice. Mechanisms of Development, 1996, 57, 79-89.	1.7	55
14	Transcriptional regulators in the Hippo signaling pathway control organ growth in Xenopus tadpole tail regeneration. Developmental Biology, 2014, 396, 31-41.	2.0	48
15	The Stability of the Lens-specific Maf Protein is Regulated by Fibroblast Growth Factor (FGF)/ERK Signaling in Lens Fiber Differentiation. Journal of Biological Chemistry, 2003, 278, 537-544.	3.4	44
16	Different Requirement for Wnt/Î²-Catenin Signaling in Limb Regeneration of Larval and Adult Xenopus. PLoS ONE, 2011, 6, e21721.	2.5	44
17	Xenopus Resources: Transgenic, Inbred and Mutant Animals, Training Opportunities, and Web-Based Support. Frontiers in Physiology, 2019, 10, 387.	2.8	44
18	Isolation, Characterization, and Expression Analysis of Zebrafish Large Mafs. Journal of Biochemistry, 2001, 129, 139-146.	1.7	43

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19	Transcription factors involved in lens development from the preplacodal ectoderm. Developmental Biology, 2012, 363, 333-347.	2.0	42
20	Dynamic in vivo binding of transcription factors to cis-regulatory modules of<i>cer</i>and<i>gsc</i>in the stepwise formation of the Spemannâ€“Mangold organizer. Development (Cambridge), 2012, 139, 1651-1661.	2.5	41
21	Draft genome of Dugesia japonica provides insights into conserved regulatory elements of the brain restriction gene nou-darake in planarians. Zoological Letters, 2018, 4, 24.	1.3	38
22	Evolution of a tissue-specific silencer underlies divergence in the expression of pax2 and pax8 paralogues. Nature Communications, 2012, 3, 848.	12.8	32
23	Epigenetic modification maintains intrinsic limb-cell identity in Xenopus limb bud regeneration. Developmental Biology, 2015, 406, 271-282.	2.0	32
24	Resources and transgenesis techniques for functional genomics in <i>Xenopus</i>. Development Growth and Differentiation, 2009, 51, 387-401.	1.5	30
25	Temporal expression of L-Maf and RaxL in developing chicken retina are arranged into mosaic pattern. Gene Expression Patterns, 2004, 4, 489-494.	0.8	26
26	Conservatism and variability of gene expression profiles among homeologous transcription factors in Xenopus laevis. Developmental Biology, 2017, 426, 301-324.	2.0	24
27	Comparative analysis demonstrates cell type-specific conservation of SOX9 targets between mouse and chicken. Scientific Reports, 2019, 9, 12560.	3.3	22
28	Arid3a regulates nephric tubule regeneration via evolutionarily conserved regeneration signal-response enhancers. ELife, 2019, 8, .	6.0	22
29	Loss of cellâ€extracellular matrix interaction triggers retinal regeneration accompanied by <i>Rax</i> and <i>Pax6</i> Activation. Genesis, 2013, 51, 410-419.	1.6	21
30	Six1 is a key regulator of the developmental and evolutionary architecture of sensory neurons in craniates. BMC Biology, 2014, 12, 40.	3.8	20
31	Essential Roles of Epithelial Bone Morphogenetic Protein Signaling During Prostatic Development. Endocrinology, 2014, 155, 2534-2544.	2.8	13
32	Co-accumulation of cis-regulatory and coding mutations during the pseudogenization of the Xenopus laevis homoeologs six6.L and six6.S. Developmental Biology, 2017, 427, 84-92.	2.0	13
33	Identification of distal enhancers for Six2 expression in pronephros. International Journal of Developmental Biology, 2015, 59, 241-246.	0.6	10
34	Comparative Genomics-Based Identification and Analysis of Cis-Regulatory Elements. Methods in Molecular Biology, 2012, 917, 245-263.	0.9	9
35	Comparative expression analysis of the H3K27 demethylases, JMJD3 and UTX, with the H3K27 methylase, EZH2, in Xenopus. International Journal of Developmental Biology, 2012, 56, 295-300.	0.6	9
36	Evolutionary origin of the Otx2 enhancer for its expression in visceral endoderm. Developmental Biology, 2010, 342, 110-120.	2.0	7

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37	Disruption of Rest Leads to the Early Onset of Cataracts with the Aberrant Terminal Differentiation of Lens Fiber Cells. PLoS ONE, 2016, 11, e0163042.	2.5	7
38	Functional properties of axolotl transient receptor potential ankyrin 1 revealed by the heterologous expression system. NeuroReport, 2019, 30, 323-330.	1.2	5
39	Optimization of <scp>CRISPR/Cas9</scp>â€mediated gene disruption in <i>Xenopus laevis</i> using a phenotypic image analysis technique. Development Growth and Differentiation, 2022, 64, 219-225.	1.5	5
40	Asymmetrically reduced expression of hand1 homeologs involving a single nucleotide substitution in a cis -regulatory element. Developmental Biology, 2017, 425, 152-160.	2.0	3
41	Complete mitochondrial genome of <i>Hynobius dunni</i> (Amphibia, Caudata, Hynobiidae) and its phylogenetic position. Mitochondrial DNA Part B: Resources, 2020, 5, 2241-2242.	0.4	2
42	Heterogeneity of synonymous substitution rates in the Xenopus frog genome. PLoS ONE, 2020, 15, e0236515.	2.5	1
43	Construction of a Set of Full-Length Enriched cDNA Libraries as Genomics Tools for Xenopus Tropicalis Research. Current Genomics, 2003, 4, 635-644.	1.6	1
44	P33. Evolution of a fail-safe regulatory system for kidney development. Differentiation, 2010, 80, S27.	1.9	0
45	P34. Functional analysis of the histone H3K27 methyltransferase and demethylase in Xenopus embryonic development. Differentiation, 2010, 80, S28.	1.9	0
46	Differential Use of Paralogous Genes via Evolution of Cis-Regulatory Elements for Divergent Expression Specificities. , 2014, , 279-289.		0
47	Spontaneous neoplasia in the western clawed frog. MicroPublication Biology, 2020, 2020, .	0.1	0