

# Yoshio Yaoita

## List of Publications by Year in descending order

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31  
papers

924  
citations

394421

19  
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454955

30  
g-index

31  
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31  
docs citations

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times ranked

702  
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of Apoptosis and CPP32 Expression by Thyroid Hormone in a Myoblastic Cell Line Derived from Tadpole Tail. <i>Journal of Biological Chemistry</i> , 1997, 272, 5122-5127.	3.4	91
2	Dual mechanisms governing muscle cell death in tadpole tail during amphibian metamorphosis. <i>Developmental Dynamics</i> , 2003, 227, 246-255.	1.8	90
3	Structure, Expression, and Function of the <i>Xenopus laevis</i> Caspase Family. <i>Journal of Biological Chemistry</i> , 2000, 275, 10484-10491.	3.4	78
4	<i>Xenopus tropicalis</i> : An Ideal Experimental Animal in Amphibia. <i>Experimental Animals</i> , 2010, 59, 395-405.	1.1	58
5	<i>Xenopus pax6</i> mutants affect eye development and other organ systems, and have phenotypic similarities to human aniridia patients. <i>Developmental Biology</i> , 2015, 408, 328-344.	2.0	58
6	Programmed cell death during amphibian metamorphosis. <i>Seminars in Cell and Developmental Biology</i> , 2005, 16, 271-280.	5.0	57
7	Generation of albino <i>Xenopus tropicalis</i> using zinc finger nucleases. <i>Development Growth and Differentiation</i> , 2012, 54, 777-784.	1.5	46
8	Thyroid Hormone Receptor $\beta$ and $\gamma$ Knockout <i>Xenopus tropicalis</i> Tadpoles Reveal Subtype-Specific Roles During Development. <i>Endocrinology</i> , 2018, 159, 733-743.	2.8	42
9	Expression of matrix metalloproteinase genes in regressing or remodeling organs during amphibian metamorphosis. <i>Development Growth and Differentiation</i> , 2007, 49, 131-143.	1.5	39
10	One of the duplicated matrix metalloproteinase-9 genes is expressed in regressing tail during anuran metamorphosis. <i>Development Growth and Differentiation</i> , 2006, 48, 223-241.	1.5	36
11	Tail Resorption During Metamorphosis in <i>Xenopus</i> Tadpoles. <i>Frontiers in Endocrinology</i> , 2019, 10, 143.	3.5	36
12	Regulation of thyroid hormone sensitivity by differential expression of the thyroid hormone receptor during <i>Xenopus</i> metamorphosis. <i>Genes To Cells</i> , 2012, 17, 645-659.	1.2	30
13	Comparison of TALEN scaffolds in <i>Xenopus tropicalis</i> . <i>Biology Open</i> , 2013, 2, 1364-1370.	1.2	28
14	no privacy, a <i>Xenopus tropicalis</i> mutant, is a model of human Hermansky-Pudlak Syndrome and allows visualization of internal organogenesis during tadpole development. <i>Developmental Biology</i> , 2017, 426, 472-486.	2.0	28
15	Expression profiles of the duplicated matrix metalloproteinase-9 genes suggest their different roles in apoptosis of larval intestinal epithelial cells during <i>Xenopus laevis</i> metamorphosis. <i>Developmental Dynamics</i> , 2007, 236, 2338-2345.	1.8	23
16	Targeted Gene Disruption in the <i>Xenopus tropicalis</i> Genome using Designed TALE Nucleases. <i>Zoological Science</i> , 2013, 30, 455-460.	0.7	22
17	The adaptor molecule FADD from <i>Xenopus laevis</i> demonstrates evolutionary conservation of its pro-apoptotic activity. <i>Genes To Cells</i> , 2004, 9, 1249-1264.	1.2	21
18	Highly efficient gene knockout by injection of TALEN mRNAs into oocytes and host transfer in <i>Xenopus laevis</i> . <i>Biology Open</i> , 2015, 4, 180-185.	1.2	21

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19	Inhibition of Nuclear Transport of Caspase-7 by Its Prodomain. <i>Biochemical and Biophysical Research Communications</i> , 2002, 291, 79-84.	2.1	19
20	Tumor Necrosis Factor- $\beta$ Attenuates Thyroid Hormone-Induced Apoptosis in Vascular Endothelial Cell Line XLgo established from <i>Xenopus</i> Tadpole Tails. <i>Endocrinology</i> , 2008, 149, 3379-3389.	2.8	17
21	Ouro proteins are not essential to tail regression during <i>Xenopus tropicalis</i> metamorphosis. <i>Genes To Cells</i> , 2016, 21, 275-286.	1.2	15
22	Mechanisms of tail resorption during anuran metamorphosis. <i>Biomolecular Concepts</i> , 2017, 8, 179-183.	2.2	14
23	Translational regulation by the 5'-UTR of thyroid hormone receptor $\beta$ mRNA. <i>Journal of Biochemistry</i> , 2012, 151, 519-531.	1.7	13
24	Characterization of myosin II regulatory light chain isoforms in <i>Xenopus laevis</i> cells. <i>Cytoskeleton</i> , 2015, 72, 609-620.	2.0	7
25	Development of a new approach for targeted gene editing in primordial germ cells using TALENs in <i>Xenopus</i> . <i>Biology Open</i> , 2015, 4, 259-266.	1.2	7
26	Vitamin A induced homeotic hindlimb formation on dorsal and ventral sides of regenerating tissue of amputated tails of Japanese brown frog tadpoles. <i>Development Growth and Differentiation</i> , 2017, 59, 688-700.	1.5	6
27	Developmental gene expression patterns in the brain and liver of <i>Xenopus tropicalis</i> during metamorphosis climax. <i>Genes To Cells</i> , 2018, 23, 998-1008.	1.2	6
28	Homeotic transformation of tails into limbs in anurans. <i>Development Growth and Differentiation</i> , 2018, 60, 365-376.	1.5	6
29	An Inhibitor of Thyroid Hormone Synthesis Protects Tail Skin Grafts Transplanted to Syngenic Adult Frogs. <i>Zoological Science</i> , 2017, 34, 414-418.	0.7	5
30	Generation of Albino <i>Cynops pyrrhogaster</i> by Genomic Editing of the tyrosinase Gene. <i>Zoological Science</i> , 2016, 33, 290.	0.7	3
31	Sperm MMP-2 is indispensable for fast electrical block to polyspermy at fertilization in <i>Xenopus tropicalis</i> . <i>Molecular Reproduction and Development</i> , 2021, 88, 744-757.	2.0	2