

# Daisuke Kobayashi

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

2,480  
citations

331670

21  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

3143  
citing authors

#	ARTICLE	IF	CITATIONS
1	The medaka draft genome and insights into vertebrate genome evolution. <i>Nature</i> , 2007, 447, 714-719.	27.8	1,037
2	Ktu/PF13 is required for cytoplasmic pre-assembly of axonemal dyneins. <i>Nature</i> , 2008, 456, 611-616.	27.8	342
3	Pkd11 complexes with Pkd2 on motile cilia and functions to establish the left-right axis. <i>Development (Cambridge)</i> , 2011, 138, 1121-1129.	2.5	112
4	Isolation, characterization, and expression of cDNAs encoding the medaka ( <i>Oryzias latipes</i> ) ovarian follicle cytochrome P-450 aromatase. <i>Molecular Reproduction and Development</i> , 1996, 45, 285-290.	2.0	100
5	Medaka ( <i>Oryzias latipes</i> ) FTZ-F1 potentially regulates the transcription of P-450 aromatase in ovarian follicles: cDNA cloning and functional characterization. <i>Molecular and Cellular Endocrinology</i> , 1999, 149, 221-228.	3.2	99
6	Time-lapse analysis reveals different modes of primordial germ cell migration in the medaka <i>Oryzias latipes</i> . <i>Development Growth and Differentiation</i> , 2006, 48, 209-221.	1.5	98
7	Identification and lineage tracing of two populations of somatic gonadal precursors in medaka embryos. <i>Developmental Biology</i> , 2006, 295, 678-688.	2.0	85
8	Elevated expression of <i>charon</i> is regulated by fluid flow in medaka Kupffer's vesicle. <i>Development Growth and Differentiation</i> , 2007, 49, 395-405.	1.5	72
9	Ciliary motility: The components and cytoplasmic preassembly mechanisms of the axonemal dyneins. <i>Development Growth and Differentiation</i> , 2012, 83, S23-S29.	1.9	54
10	Identification and cDNA Cloning of Alveolin, an Extracellular Metalloproteinase, Which Induces Chorion Hardening of Medaka ( <i>Oryzias latipes</i> ) Eggs upon Fertilization. <i>Journal of Biological Chemistry</i> , 2000, 275, 8349-8354.	3.4	50
11	Mutant analyses reveal different functions of <i>fgfr1</i> in medaka and zebrafish despite conserved ligand-receptor relationships. <i>Developmental Biology</i> , 2007, 304, 326-337.	2.0	37
12	Teleost Ovarian Carbonyl Reductase-Like 20 $\beta$ -Hydroxysteroid Dehydrogenase: Potential Role in the Production of Maturation-Inducing Hormone During Final Oocyte Maturation. <i>Biology of Reproduction</i> , 2002, 66, 1498-1504.	2.7	36
13	Steroidogenesis in the Ovarian Follicles of the Medaka ( <i>Oryzias latipes</i> ) during Vitellogenesis and Oocyte Maturation. <i>Zoological Science</i> , 1996, 13, 921-927.	0.7	36
14	Regular Pacemaker Activity Characterizes Gonadotropin-Releasing Hormone 2 Neurons Recorded from Green Fluorescent Protein-Transgenic Medaka. <i>Endocrinology</i> , 2010, 151, 695-701.	2.8	34
15	Development of the endoderm and gut in medaka, <i>Oryzias latipes</i> . <i>Development Growth and Differentiation</i> , 2006, 48, 283-295.	1.5	32
16	UTGB/medaka: genomic resource database for medaka biology. <i>Nucleic Acids Research</i> , 2007, 36, D747-D752.	14.5	32
17	Phenotypic analysis of a novel <i>chordin</i> mutant in medaka. <i>Developmental Dynamics</i> , 2007, 236, 2298-2310.	1.8	32
18	Targeting of Nphp3 to the primary cilia is controlled by an N-terminal myristoylation site and coiled-coil domains. <i>Cytoskeleton</i> , 2012, 69, 221-234.	2.0	31

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19	Maternal-zygotic medaka mutants for <i>fgfr1</i> reveal its essential role in the migration of the axial mesoderm but not the lateral mesoderm. <i>Development (Cambridge)</i> , 2008, 135, 281-290.	2.5	29
20	Loss of PINK1 in medaka fish ( <i>Oryzias latipes</i> ) causes late-onset decrease in spontaneous movement. <i>Neuroscience Research</i> , 2010, 66, 151-161.	1.9	27
21	Whole-cell Enzyme Electrodes Based on Mediated Bioelectrocatalysis. <i>Bioscience, Biotechnology and Biochemistry</i> , 1992, 56, 1359-1360.	1.3	25
22	Loss of zinc finger MYND-type containing 10 ( <i>zmynd10</i> ) affects cilia integrity and axonemal localization of dynein arms, resulting in ciliary dysmotility, polycystic kidney and scoliosis in medaka ( <i>Oryzias latipes</i> ). <i>Developmental Biology</i> , 2017, 430, 69-79.	2.0	19
23	Mutation in the <i>abcb7</i> gene causes abnormal iron and fatty acid metabolism in developing medaka fish. <i>Development Growth and Differentiation</i> , 2008, 50, 703-716.	1.5	18
24	Medaka genome project. <i>Briefings in Functional Genomics &amp; Proteomics</i> , 2008, 7, 415-426.	3.8	17
25	Flavoenzyme-Catalyzed Electrochemical Oxidation of NADH and NADPH in the Absence of External Mediators. <i>Electrochemistry</i> , 1992, 60, 1056-1062.	0.3	14
26	Characterization of the medaka ( <i>Oryzias latipes</i> ) primary ciliary dyskinesia mutant, jaodori: Redundant and distinct roles of dynein axonemal intermediate chain 2 ( <i>dnai2</i> ) in motile cilia. <i>Developmental Biology</i> , 2010, 347, 62-70.	2.0	10
27	Primary Ciliary Dyskinesia in Fish: The Analysis of a Novel Medaka Mutant Kintoun. , 2011, , 131-156.		2