

# Ryouka Kawahara-Miki

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,398  
citations

394286

19  
h-index

345118

36  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraordinary diversity of visual opsin genes in dragonflies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1247-56.	3.3	151
2	Complete in vitro generation of fertile oocytes from mouse primordial germ cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9021-9026.	3.3	148
3	Interrelationships of the 11 gasterosteiform families (sticklebacks, pipefishes, and their relatives): A new perspective based on whole mitogenome sequences from 75 higher teleosts. <i>Molecular Phylogenetics and Evolution</i> , 2008, 46, 224-236.	1.2	105
4	Whole-genome resequencing shows numerous genes with nonsynonymous SNPs in the Japanese native cattle Kuchinoshima-Ushi. <i>BMC Genomics</i> , 2011, 12, 103.	1.2	72
5	Resveratrol Improves the Mitochondrial Function and Fertilization Outcome of Bovine Oocytes. <i>Journal of Reproduction and Development</i> , 2014, 60, 92-99.	0.5	71
6	Next-generation sequencing reveals genomic features in the Japanese quail. <i>Genomics</i> , 2013, 101, 345-353.	1.3	69
7	Resveratrol-induced mitochondrial synthesis and autophagy in oocytes derived from early antral follicles of aged cows. <i>Journal of Reproduction and Development</i> , 2015, 61, 251-259.	0.5	65
8	Stickleback phylogenies resolved: Evidence from mitochondrial genomes and 11 nuclear genes. <i>Molecular Phylogenetics and Evolution</i> , 2009, 50, 401-404.	1.2	62
9	Age-associated changes in gene expression and developmental competence of bovine oocytes, and a possible countermeasure against age-associated events. <i>Molecular Reproduction and Development</i> , 2013, 80, 508-521.	1.0	58
10	Hippocampal clock regulates memory retrieval via Dopamine and PKA-induced GluA1 phosphorylation. <i>Nature Communications</i> , 2019, 10, 5766.	5.8	43
11	Genetic features of red and green junglefowls and relationship with Indonesian native chickens Sumatera and Kedu Hitam. <i>BMC Genomics</i> , 2016, 17, 320.	1.2	40
12	Expression Profiling without Genome Sequence Information in a Non-Model Species, Pandalid Shrimp ( <i>Pandalus latirostris</i> ), by Next-Generation Sequencing. <i>PLoS ONE</i> , 2011, 6, e26043.	1.1	38
13	Dietary glucoraphanin prevents the onset of psychosis in the adult offspring after maternal immune activation. <i>Scientific Reports</i> , 2018, 8, 2158.	1.6	36
14	Diversification and adaptive evolution of putative sweet taste receptors in threespine stickleback. <i>Gene</i> , 2007, 396, 170-179.	1.0	33
15	Comparative transcriptome analysis of rumen papillae in suckling and weaned Japanese Black calves using RNA sequencing. <i>Journal of Animal Science</i> , 2018, 96, 2226-2237.	0.2	31
16	Estradiol supports in vitro development of bovine early antral follicles. <i>Reproduction</i> , 2013, 145, 85-96.	1.1	30
17	OsMYC2 mediates numerous defence-related transcriptional changes via jasmonic acid signalling in rice. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 796-803.	1.0	28
18	Abundant sequence divergence in the native Japanese cattle Mishima-Ushi ( <i>Bos taurus</i> ) detected using whole-genome sequencing. <i>Genomics</i> , 2013, 102, 372-378.	1.3	26

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19	Signs of biological activities of 28,000-year-old mammoth nuclei in mouse oocytes visualized by live-cell imaging. <i>Scientific Reports</i> , 2019, 9, 4050.	1.6	25
20	Electroporation-mediated RNA interference reveals a role of the multicopper oxidase 2 gene in dragonfly cuticular pigmentation. <i>Applied Entomology and Zoology</i> , 2017, 52, 379-387.	0.6	22
21	Differential effects of mitochondrial inhibitors on porcine granulosa cells and oocytes. <i>Theriogenology</i> , 2017, 103, 98-103.	0.9	19
22	Polyacrylamide gel as a culture substrate improves in vitro oocyte growth from porcine early antral follicles. <i>Molecular Reproduction and Development</i> , 2017, 84, 44-54.	1.0	18
23	Age-associated mRNA expression changes in bovine endometrial cells in vitro. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 63.	1.4	18
24	Molecular basis of wax-based color change and UV reflection in dragonflies. <i>ELife</i> , 2019, 8, .	2.8	15
25	Multiple occurrences of spiggin genes in sticklebacks. <i>Gene</i> , 2006, 373, 58-66.	1.0	14
26	Deciphering two rounds of cell lineage segregations during bovine preimplantation development. <i>FASEB Journal</i> , 2021, 35, e21904.	0.2	14
27	Molecular mechanisms underlying metamorphosis in the most-ancestral winged insect. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	14
28	Age-associated changes in bovine oocytes and granulosa cell complexes collected from early antral follicles. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 1079-1088.	1.2	13
29	Role of methionine adenosyltransferase 2A in bovine preimplantation development and its associated genomic regions. <i>Scientific Reports</i> , 2017, 7, 3800.	1.6	13
30	Genetic Divergence in Domestic Japanese Quail Inferred from Mitochondrial DNA D-Loop and Microsatellite Markers. <i>PLoS ONE</i> , 2017, 12, e0169978.	1.1	13
31	Extensive lineage-specific gene duplication and evolution of the spiggin multi-gene family in stickleback. <i>BMC Evolutionary Biology</i> , 2007, 7, 209.	3.2	12
32	Age-dependent changes in inflammation and extracellular matrix in bovine oviduct epithelial cells during the post-ovulatory phase. <i>Molecular Reproduction and Development</i> , 2016, 83, 815-826.	1.0	12
33	Mitochondrial function in immature bovine oocytes is improved by an increase of cellular cyclic AMP. <i>Scientific Reports</i> , 2019, 9, 5167.	1.6	11
34	Cost-effective development of highly polymorphic microsatellite in Japanese quail facilitated by next-generation sequencing. <i>Animal Genetics</i> , 2014, 45, 881-884.	0.6	10
35	An evolutionary insight into the hatching strategies of pipefish and seahorse embryos. , 2016, 326, 125-135.		10
36	Increase in the number of integrin $\beta$ 1-immunoreactive monocyte-lineage cells in experimentally-induced adenomyosis in mice. <i>Life Sciences</i> , 2003, 73, 907-916.	2.0	9

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37	Interploidy gene flow involving the sexual-aseual cycle facilitates the diversification of gynogenetic triploid Carassius fish. Scientific Reports, 2021, 11, 22485.	1.6	7
38	Aggregation of Human Trophoblast Cells into Three-Dimensional Culture System Enhances Anti-Inflammatory Characteristics through Cytoskeleton Regulation. International Journal of Molecular Sciences, 2018, 19, 2322.	1.8	6
39	Molecular analyses of G3A/G3B and G14 equine group A rotaviruses detected between 2012 and 2018 in Japan. Journal of General Virology, 2019, 100, 913-931.	1.3	6
40	Interferon Tau Regulates Cytokine Production and Cellular Function in Human Trophoblast Cell Line. Journal of Interferon and Cytokine Research, 2017, 37, 456-466.	0.5	5
41	Next-Generation Sequencing Reveals Downregulation of the Wnt Signaling Pathway in Human Dysmature Cumulus Cells as a Hallmark for Evaluating Oocyte Quality. Reproductive Medicine, 2020, 1, 205-215.	0.3	5
42	Impaired placentomal interferon signaling as the possible cause of retained fetal membrane in parturition-induced cows. Journal of Reproduction and Development, 2022, 68, 30-37.	0.5	0