Kaori Ishikawa

List of Publications by Year
in descending order

42	2,164	567144 15	330025 37
papers	citations	h-index	g-index

42	42	42	3313
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neuronal degeneration and cognitive impairment can be prevented via the normalization of mitochondrial dynamics. Pharmacological Research, 2021, 163, 105246.	3.1	3
2	Attempts to understand the mechanisms of mitochondrial diseases: The reverse genetics of mouse models for mitochondrial disease. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129835.	1.1	4
3	A high mutation load of m.14597A>G in MT-ND6 causes Leigh syndrome. Scientific Reports, 2021, 11, 11123.	1.6	8
4	Mitochondrial DNA mutations are involved in the acquisition of cisplatin resistance in human lung cancer A549 cells. Oncology Reports, 2021, 47, .	1.2	6
5	Pharmacokinetic and pharmacodynamic modeling of the metastin/kisspeptin analog, TAKâ€448, for its antiâ€tumor efficacy in a rat xenograft model. Biopharmaceutics and Drug Disposition, 2020, 41, 283-294.	1.1	0
6	Disruption of the mouse Shmt2 gene confers embryonic anaemia via foetal liver-specific metabolomic disorders. Scientific Reports, 2019, 9, 16054.	1.6	8
7	Concentration of mitochondrial DNA mutations by cytoplasmic transfer from platelets to cultured mouse cells. PLoS ONE, 2019, 14, e0213283.	1.1	1
8	Acquired expression of mutant Mitofusin 2 causes progressive neurodegeneration and abnormal behavior. Journal of Neuroscience, 2019, 39, 2139-18.	1.7	7
9	Mice deficient in the Shmt2 gene have mitochondrial respiration defects and are embryonic lethal. Scientific Reports, 2018, 8, 425.	1.6	46
10	Usefulness of pharmacokinetic/efficacy analysis of an investigational kisspeptin analog, TAK-448, in quantitatively evaluating anti-tumor growth effect in the rat VCaP androgen-sensitive prostate cancer model. European Journal of Pharmacology, 2018, 828, 126-134.	1.7	4
11	Mito-miceâ^† and mitochondrial DNA mutator mice as models of human osteoporosis caused not by aging but by hyperparathyroidism. Experimental Animals, 2018, 67, 509-516.	0.7	5
12	A novel mutation in TAZ causes mitochondrial respiratory chain disorder without cardiomyopathy. Journal of Human Genetics, 2017, 62, 539-547.	1.1	5
13	Cytoplasmic transfer of heritable elements other than mtDNA from SAMP1 mice into mouse tumor cells suppresses their ability to form tumors in C57BL6 mice. Biochemical and Biophysical Research Communications, 2017, 493, 252-257.	1.0	0
14	RLR-mediated antiviral innate immunity requires oxidative phosphorylation activity. Scientific Reports, 2017, 7, 5379.	1.6	44
15	An administration of TAK-683 at a minimally effective dose for luteinizing hormone stimulation under the absence of the ovary induces luteinizing hormone surge in ovary-intact goats. Journal of Reproduction and Development, 2017, 63, 305-310.	0.5	4
16	Mutations in mitochondrial DNA regulate mitochondrial diseases and metastasis but do not regulate aging. Current Opinion in Genetics and Development, 2016, 38, 63-67.	1.5	14
17	Epigenetic regulation of the nuclear-coded GCAT and SHMT2 genes confers human age-associated mitochondrial respiration defects. Scientific Reports, 2015, 5, 10434.	1.6	73
18	Transmitochondrial mito-miceÎ” and mtDNA mutator mice, but not aged mice, share the same spectrum of musculoskeletal disorders. Biochemical and Biophysical Research Communications, 2015, 456, 933-937.	1.0	9

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19	G7731A mutation in mouse mitochondrial tRNALys regulates late-onset disorders in transmitochondrial mice. Biochemical and Biophysical Research Communications, 2015, 459, 66-70.	1.0	13
20	Mouse somatic mutation orthologous to MELAS A3302G mutation in the mitochondrial tRNA gene confers respiration defects. Biochemical and Biophysical Research Communications, 2015, 467, 1097-1102.	1.0	4
21	A somatic T15091C mutation in the Cytb gene of mouse mitochondrial DNA dominantly induces respiration defects. Biochemical and Biophysical Research Communications, 2015, 463, 1021-1027.	1.0	0
22	Polymorphic mutations in mouse mitochondrial DNA regulate a tumor phenotype. Mitochondrion, 2013, 13, 881-887.	1.6	9
23	Reduced responsiveness of kisspeptin neurons to estrogenic positive feedback associated with age-related disappearance of LH surge in middle-age female rats. General and Comparative Endocrinology, 2013, 193, 121-129.	0.8	15
24	Specific mtDNA Mutations in Mouse Carcinoma Cells Suppress Their Tumor Formation via Activation of the Host Innate Immune System. PLoS ONE, 2013, 8, e75981.	1.1	6
25	Chronic Administration of the Metastin/Kisspeptin Analog KISS1-305 or the Investigational Agent TAK-448 Suppresses Hypothalamic Pituitary Gonadal Function and Depletes Plasma Testosterone in Adult Male Rats. Endocrinology, 2012, 153, 5297-5308.	1.4	46
26	Regulation of metastasis; mitochondrial DNA mutations have appeared on stage. Journal of Bioenergetics and Biomembranes, 2012, 44, 639-644.	1.0	18
27	477. Disappearance of Proestrus LH Surge Caused by the Decline in Activation of Metastin/Kisspeptin Neurons in Middle-Age Female Rats.. Biology of Reproduction, 2012, 87, 477-477.	1.2	0
28	Mitochondrial DNA Mutations Regulate Metastasis of Human Breast Cancer Cells. PLoS ONE, 2011, 6, e23401.	1.1	94
29	Generation of transâ€mitochondrial mitoâ€mice by the introduction of a pathogenic G13997A mtDNA from highly metastatic lung carcinoma cells. FEBS Letters, 2010, 584, 3943-3948.	1.3	37
30	A novel function of mtDNA: its involvement in metastasis. Annals of the New York Academy of Sciences, 2010, 1201, 40-43.	1.8	30
31	The innate immune system in host mice targets cells with allogenic mitochondrial DNA. Journal of Experimental Medicine, 2010, 207, 2297-2305.	4.2	44
32	Trading mtDNA uncovers its role in metastasis. Cell Adhesion and Migration, 2009, 3, 11-13.	1.1	6
33	Chapter 19 Generation of mtDNAâ€Exchanged Cybrids for Determination of the Effects of mtDNA Mutations on Tumor Phenotypes. Methods in Enzymology, 2009, 457, 335-346.	0.4	9
34	ROS-Generating Mitochondrial DNA Mutations Can Regulate Tumor Cell Metastasis. Science, 2008, 320, 661-664.	6.0	1,224
35	Enhanced glycolysis induced by mtDNA mutations does not regulate metastasis. FEBS Letters, 2008, 582, 3525-3530.	1.3	41
36	Reversible regulation of metastasis by ROS-generating mtDNA mutations. Mitochondrion, 2008, 8, 339-344.	1.6	46

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37	Generation of trans-mitochondrial mice carrying homoplasmic mtDNAs with a missense mutation in a structural gene using ES cells. Human Molecular Genetics, 2006, 15, 871-881.	1.4	70
38	Suppression of disease phenotypes of adult mito-mice carrying pathogenic mtDNA by bone marrow transplantation. Human Molecular Genetics, 2006, 15, 1801-1807.	1.4	9
39	Rare creation of recombinant mtDNA haplotypes in mammalian tissues. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6057-6062.	3.3	48
40	Gene therapy for progeny of mito-mice carrying pathogenic mtDNA by nuclear transplantation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16765-16770.	3.3	146
41	Application of ES cells for generation of respiration-deficient mice carrying mtDNA with a large-scale deletion. Biochemical and Biophysical Research Communications, 2005, 333, 590-595.	1.0	8
42	Endocrine responses and ovarian dynamics in goats treated with low dose of investigational metastin/kisspeptin analog TAK-683 in follicular phase. Reproduction Abstracts, 0, , .	0.0	0