Takahiro Yonezawa

List of Publications by Year
in descending order

58 papers	2,329 citations	279701 23 h-index	223716 46 g-index
59 all docs	59 docs citations	59 times ranked	3690 citing authors

#	Article	IF	Citations
1	The yak genome and adaptation to life at high altitude. Nature Genetics, 2012, 44, 946-949.	9.4	708
2	Phylogenomics and Morphology of Extinct Paleognaths Reveal the Origin and Evolution of the Ratites. Current Biology, 2017, 27, 68-77.	1.8	123
3	Domestication Relaxed Selective Constraints on the Yak Mitochondrial Genome. Molecular Biology and Evolution, 2011, 28, 1553-1556.	3.5	93
4	Phylogeny and biogeography of highly diverged freshwater fish species (Leuciscinae, Cyprinidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.0	91
5	Complete Chloroplast Genome Sequence of Holoparasite Cistanche deserticola (Orobanchaceae) Reveals Gene Loss and Horizontal Gene Transfer from Its Host Haloxylon ammodendron (Chenopodiaceae). PLoS ONE, 2013, 8, e58747.	1.1	90
6	Molecular phylogeny of the higher and lower taxonomy of the Fusarium genus and differences in the evolutionary histories of multiple genes. BMC Evolutionary Biology, 2011, 11, 322.	3.2	87
7	The Position of Gnetales among Seed Plants: Overcoming Pitfalls of Chloroplast Phylogenomics. Molecular Biology and Evolution, 2010, 27, 2855-2863.	3.5	82
8	The monophyletic origin of sea lions and fur seals (Carnivora; Otariidae) in the Southern Hemisphere. Gene, 2009, 441, 89-99.	1.0	79
9	Bipolar dispersal of red-snow algae. Nature Communications, 2018, 9, 3094.	5.8	75
10	Molecular phylogenetic study on the origin and evolution of Mustelidae. Gene, 2007, 396, 1-12.	1.0	66
11	Phylogeographical analyses of domestic and wild yaks based on mitochondrial DNA: new data and reappraisal. Journal of Biogeography, 2010, 37, 2332-2344.	1.4	66
12	Phylogeographic and Demographic Analysis of the Asian Black Bear (Ursus thibetanus) Based on Mitochondrial DNA. PLoS ONE, 2015, 10, e0136398.	1.1	56
13	High altitude adaptation of the schizothoracine fishes (Cyprinidae) revealed by the mitochondrial genome analyses. Gene, 2013, 517, 169-178.	1.0	55
14	Episodic Evolution and Adaptation of Chloroplast Genomes in Ancestral Grasses. PLoS ONE, 2009, 4, e5297.	1.1	53
15	Rates of Molecular Evolution Suggest Natural History of Life History Traits and a Post-K-Pg Nocturnal Bottleneck of Placentals. Current Biology, 2017, 27, 3025-3033.e5.	1.8	51
16	Why Does the Giant Panda Eat Bamboo? A Comparative Analysis of Appetite-Reward-Related Genes among Mammals. PLoS ONE, 2011, 6, e22602.	1.1	49
17	Domestication Process of the Goat Revealed by an Analysis of the Nearly Complete Mitochondrial Protein-Encoding Genes. PLoS ONE, 2013, 8, e67775.	1.1	48
18	Biogeography of cryoconite forming cyanobacteria on polar and Asian glaciers. Journal of Biogeography, 2017, 44, 2849-2861.	1.4	46

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19	Origin and genetic diversity of Egyptian native chickens based on complete sequence of mitochondrial DNA D-loop region. Poultry Science, 2016, 95, 1248-1256.	1.5	41
20	Phylogenetic position and evolutionary history of the turtle and whale barnacles (Cirripedia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T	1.2	35
21	The genome and transcriptome of Trichormus sp. NMC-1: insights into adaptation to extreme environments on the Qinghai-Tibet Plateau. Scientific Reports, 2016, 6, 29404.	1.6	33
22	Evaluating the Phylogenetic Status of the Extinct Japanese Otter on the Basis of Mitochondrial Genome Analysis. PLoS ONE, 2016, 11, e0149341.	1.1	26
23	Evaluation of genetic markers for identifying isolates of the species of the genus Fusarium. Journal of the Science of Food and Agriculture, 2011, 91, 2500-2504.	1.7	23
24	Was the universal common ancestry proved?. Nature, 2010, 468, E9-E9.	13.7	20
25	Demographic analysis of cyanobacteria based on the mutation rates estimated from an ancient ice core. Heredity, 2018, 120, 562-573.	1.2	19
26	Molecular systematics and evolution of the recently discovered â€œParnassianâ€•butterfly (Parnassius) Tj ETQq0 0 0 rgBT /Overlock 10	1.0	17
27	Polyphyletic origins of schizothoracine fish (Cyprinidae, Osteichthyes) and adaptive evolution in their mitochondrial genomes. Genes and Genetic Systems, 2014, 89, 187-191.	0.2	15
28	Polymorphism and evolution of ribosomal DNA in tea (Camellia sinensis, Theaceae). Molecular Phylogenetics and Evolution, 2015, 89, 63-72.	1.2	15
29	Discovery of A high-altitude ecotype and ancient lineage of Arabidopsis thaliana from Tibet. Science Bulletin, 2017, 62, 1628-1630.	4.3	15
30	Some Problems in Proving the Existence of the Universal Common Ancestor of Life on Earth. Scientific World Journal, The, 2012, 2012, 1-5.	0.8	12
31	Transcriptome profiling of the UV-B stress response in the desert shrub Lycium ruthenicum. Molecular Biology Reports, 2015, 42, 639-649.	1.0	12
32	Phylogeography of Sophora moorcroftiana Supports Wuâ€™s Hypothesis on the Origin of Tibetan Alpine Flora. Journal of Heredity, 2017, 108, 405-414.	1.0	12
33	Chronology of the extant African elephant species and case study of the species identification of the small African elephant with the molecular phylogenetic method. Gene, 2009, 441, 176-186.	1.0	11
34	Cattle mitogenome variation reveals a post-glacial expansion of haplogroup P and an early incorporation into northeast Asian domestic herds. Scientific Reports, 2020, 10, 20842.	1.6	9
35	The adaptational strategies of the hindlimb muscles in the Tenrecidae species including the aquatic web-footed tenrec (Limnogale mergulus). Annals of Anatomy, 2006, 188, 383-390.	1.0	8
36	Importance of synonymous substitutions under dense taxon sampling and appropriate modeling in reconstructing the mitogenomic tree of Eutheria. Genes and Genetic Systems, 2014, 89, 237-251.	0.2	8

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37	Cretaceous origin of giant rhinoceros beetles (Dynastini; Coleoptera) and correlation of their evolution with the Pangean breakup. Genes and Genetic Systems, 2016, 91, 209-215.	0.2	8
38	Speciation of two gobioid species, Pterogobius elapoides and Pterogobius zonoleucus revealed by multi-locus nuclear and mitochondrial DNA analyses. Gene, 2016, 576, 593-602.	1.0	8
39	Ancient DNA reveals multiple origins and migration waves of extinct Japanese brown bear lineages. Royal Society Open Science, 2021, 8, 210518.	1.1	8
40	Concerted and birth-and-death evolution of 26S ribosomal DNA in Camellia L.. Annals of Botany, 2021, 127, 63-73.	1.4	7
41	Evolution of Reproductive Life History in Mammals and the Associated Change of Functional Constraints. Genes, 2021, 12, 740.	1.0	7
42	Comparative morphological study of skeletal muscle weight among the red jungle fowl (Gallus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 B: Molecular and Developmental Evolution, 2022, 338, 542-551.	0.6	7
43	A Quill Vibrating Mechanism for a Sounding Apparatus in the Streaked Tenrec (Hemicentetes) Tj ETQq1 1 0.784314 rgBT /Overloc	0.3	5
44	Phylogeographic Analysis of Madagascan Goats Using mtDNA Control Region and SRY Gene Sequences. Zoological Science, 2019, 36, 294.	0.3	5
45	Paleogenomics reveals independent and hybrid origins of two morphologically distinct wolf lineages endemic to Japan. Current Biology, 2022, 32, 2494-2504.e5.	1.8	5
46	Fineâ€scale genetic diversity and putative ecotypes of oxymonad protists coinhabiting the hindgut of Reticulitermes speratus. Molecular Ecology, 2022, 31, 1317-1331.	2.0	4
47	Extreme nearly neutral evolution in mitochondrial genomes of laboratory mouse strains. Gene, 2014, 534, 444-448.	1.0	3
48	The complete mitochondrial genome of the Japanese rock ptarmigan (Lagopus muta japonica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	3
49	Complete mitochondrial genome sequence of Tosa-Jidori sheds light on the origin and evolution of Japanese native chickens. Animal Bioscience, 2021, 34, 941-948.	0.8	3
50	An improved metagenomic strategy reveals an unprecedentedly high level of intragenomic polymorphism of ribosomal DNA in three species of Camellia. Journal of Systematics and Evolution, 2018, 56, 250-258.	1.6	2
51	A Case Study of the Molecular Genetical Diagnosis of a Small African Elephant (Loxodontasp.) â€œNanaâ€• Kept at Asahiyama Zoo. Mammal Study, 2009, 34, 171-177.	0.2	1
52	Indonesian native goats (Capra hircus) reveal highest genetic frequency of mitochondrial DNA haplogroup B in the world. Animal Science Journal, 2020, 91, e13485.	0.6	1
53	Genetic Diversity and Population Structure of the Synthetic Pig Strain Tokyo X. Nihon Yoton Gakkaishi, 2018, 55, 142-153.	0.1	1
54	Complete Mitochondrial Genome Analysis Clarifies the Enigmatic Origin of Haplogroup D in Japanese Native Chickens. Journal of Poultry Science, 2022, 59, 316-322.	0.7	1

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55	Phylogenomics and Spatiotemporal Dynamics of Bovine Leukemia Virus Focusing on Asian Native Cattle: Insights Into the Early Origin and Global Dissemination. Frontiers in Microbiology, 0, 13, .	1.5	1
56	Maternal phylogeographic patterns and coalescent times of Arabidopsis thaliana based on chloroplast DNA analyses. Genes and Genetic Systems, 2019, 94, 151-158.	0.2	0
57	Evaluation of reported sediment samples from 20 Ma using a molecular phylogenetic approach: comment on Liu et al. (2017). Environmental Microbiology, 2020, 22, 813-818.	1.8	0
58	Molecular Evolutionary Rate Predicts Intraspecific Genetic Polymorphism and Species-Specific Selection. Genes, 2022, 13, 708.	1.0	0