

# Hidenori Nishihara

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

2,960  
citations

236925

25  
h-index

197818

49  
g-index

50  
all docs

50  
docs citations

50  
times ranked

3936  
citing authors

#	ARTICLE	IF	CITATIONS
1	Placental Mammals Acquired Functional Sequences in NRK for Regulating the CK2â€“PTENâ€“AKT Pathway and Placental Cell Proliferation. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	9
2	Maelstrom functions in the production of Siwi-piRISC capable of regulating transposons in Bombyx germ cells. <i>IScience</i> , 2022, 25, 103914.	4.1	5
3	Paleogenomics reveals independent and hybrid origins of two morphologically distinct wolf lineages endemic to Japan. <i>Current Biology</i> , 2022, 32, 2494-2504.e5.	3.9	5
4	SINEs as Credible Signs to Prove Common Ancestry in the Tree of Life: A Brief Review of Pioneering Case Studies in Retroposon Systematics. <i>Genes</i> , 2022, 13, 989.	2.4	3
5	Hamster PIWI proteins bind to piRNAs with stage-specific size variations during oocyte maturation. <i>Nucleic Acids Research</i> , 2021, 49, 2700-2720.	14.5	26
6	Ancient DNA reveals multiple origins and migration waves of extinct Japanese brown bear lineages. <i>Royal Society Open Science</i> , 2021, 8, 210518.	2.4	8
7	Replacement of owl monkey centromere satellite by a newly evolved variant was a recent and rapid process. <i>Genes To Cells</i> , 2021, 26, 979-986.	1.2	2
8	Comparative genomic analyses illuminate the distinct evolution of megabats within Chiroptera. <i>DNA Research</i> , 2020, 27, .	3.4	10
9	Hadean Primordial Metabolism Pathway Driven by a Nuclear Geysers. <i>Journal of Geography (Chigaku) Tj ETQq1 1 0.784314 rgBT /Overl</i> 0.3 2	0.3	2
10	Evolutionary Gain of Dbx1 Expression Drives Subplate Identity in the Cerebral Cortex. <i>Cell Reports</i> , 2019, 29, 645-658.e5.	6.4	11
11	Retrotransposons spread potential cis-regulatory elements during mammary gland evolution. <i>Nucleic Acids Research</i> , 2019, 47, 11551-11562.	14.5	17
12	Broad Heterochromatic Domains Open in Gonocyte Development Prior to De Novo DNA Methylation. <i>Developmental Cell</i> , 2019, 51, 21-34.e5.	7.0	26
13	Transposable elements as genetic accelerators of evolution: contribution to genome size, gene regulatory network rewiring and morphological innovation. <i>Genes and Genetic Systems</i> , 2019, 94, 269-281.	0.7	34
14	Evolution of transposable elements and evolution of eukaryote genomes mediated by transposable elements. <i>Genes and Genetic Systems</i> , 2019, 94, 231-231.	0.7	2
15	The CENP-B box, a nucleotide motif involved in centromere formation, has multiple origins in New World monkeys. <i>Genes and Genetic Systems</i> , 2019, 94, 301-306.	0.7	7
16	Evolutionary Origin of OwlRep, a Megasatellite DNA Associated with Adaptation of Owl Monkeys to Nocturnal Lifestyle. <i>Genome Biology and Evolution</i> , 2018, 10, 157-165.	2.5	5
17	Phylogenetic analysis of proteins involved in the stringent response in plant cells. <i>Journal of Plant Research</i> , 2017, 130, 625-634.	2.4	31
18	Support for Lungfish as the Closest Relative of Tetrapods by Using Slowly Evolving Ray-finned fish as the Outgroup. <i>Genome Biology and Evolution</i> , 2017, 9, eww288.	2.5	11

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19	Coordinately Co-opted Multiple Transposable Elements Constitute an Enhancer for <i>wnt5a</i> Expression in the Mammalian Secondary Palate. <i>PLoS Genetics</i> , 2016, 12, e1006380.	3.5	47
20	Resolving the Phylogenetic Position of Coelacanth: The Closest Relative Is Not Always the Most Appropriate Outgroup. <i>Genome Biology and Evolution</i> , 2016, 8, 1208-1221.	2.5	29
21	MetaSINEs: Broad Distribution of a Novel SINE Superfamily in Animals. <i>Genome Biology and Evolution</i> , 2016, 8, 528-539.	2.5	22
22	Determining the Position of Storks on the Phylogenetic Tree of Waterbirds by Retroposon Insertion Analysis. <i>Genome Biology and Evolution</i> , 2015, 7, 3180-3189.	2.5	16
23	The genomic substrate for adaptive radiation in African cichlid fish. <i>Nature</i> , 2014, 513, 375-381.	27.8	874
24	The complete mitochondrial genomes of deep-sea squid ( <i>Bathyteuthis abyssicola</i> ), bob-tail squid ( <i>Semirossia patagonica</i> ) and four giant cuttlefish ( <i>Sepia apama</i> , <i>S. latimanus</i> , <i>S. lycidas</i> and <i>S. pharansis</i> ), and their application to the phylogenetic analysis of Decapodiformes. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 980-993.	2.7	29
25	Coelacanth genomes reveal signatures for evolutionary transition from water to land. <i>Genome Research</i> , 2013, 23, 1740-1748.	5.5	108
26	Phylogeny of Galactolipid Synthase Homologs Together with their Enzymatic Analyses Revealed a Possible Origin and Divergence Time for Photosynthetic Membrane Biogenesis. <i>DNA Research</i> , 2012, 19, 91-102.	3.4	37
27	Extremely slow rate of evolution in the HOX cluster revealed by comparison between Tanzanian and Indonesian coelacanths. <i>Gene</i> , 2012, 505, 324-332.	2.2	9
28	A SINE-Derived Element Constitutes a Unique Modular Enhancer for Mammalian Diencephalic <i>Fgf8</i> . <i>PLoS ONE</i> , 2012, 7, e43785.	2.5	33
29	Reverse Evolution in RH1 for Adaptation of Cichlids to Water Depth in Lake Tanganyika. <i>Molecular Biology and Evolution</i> , 2011, 28, 1769-1776.	8.9	33
30	B Chromosomes Have a Functional Effect on Female Sex Determination in Lake Victoria Cichlid Fishes. <i>PLoS Genetics</i> , 2011, 7, e1002203.	3.5	134
31	A Mammalian Conserved Element Derived from SINE Displays Enhancer Properties Recapitulating <i>Satb2</i> Expression in Early-Born Callosal Projection Neurons. <i>PLoS ONE</i> , 2011, 6, e28497.	2.5	49
32	Emergence of mammals by emergency: exaptation. <i>Genes To Cells</i> , 2010, 15, 801-812.	1.2	27
33	Characterization of a novel SINE superfamily from invertebrates: "Ceph-SINEs" from the genomes of squids and cuttlefish. <i>Gene</i> , 2010, 454, 8-19.	2.2	28
34	The evolution of two partner LINE/SINE families and a full-length chromodomain-containing Ty3/Gypsy LTR element in the first reptilian genome of <i>Anolis carolinensis</i> . <i>Gene</i> , 2009, 441, 111-118.	2.2	41
35	Characterization and evolutionary landscape of AmnSINE1 in Amniota genomes. <i>Gene</i> , 2009, 441, 100-110.	2.2	24
36	Retroposon analysis and recent geological data suggest near-simultaneous divergence of the three superorders of mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5235-5240.	7.1	162

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37	Identification of four <i>Engrailed</i> genes in the Japanese lamprey, <i>Lethenteron japonicum</i> . <i>Developmental Dynamics</i> , 2008, 237, 1581-1589.	1.8	33
38	Newly discovered young CORE-SINEs in marsupial genomes. <i>Gene</i> , 2008, 407, 176-185.	2.2	23
39	Possible involvement of SINEs in mammalian-specific brain formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4220-4225.	7.1	177
40	Retroposons: Genetic Footprints on the Evolutionary Paths of Life. <i>Methods in Molecular Biology</i> , 2008, 422, 201-225.	0.9	20
41	Acquisition of Endonuclease Specificity during Evolution of L1 Retrotransposon. <i>Molecular Biology and Evolution</i> , 2007, 24, 2009-2015.	8.9	12
42	Novel SINE Families from Salmon Validate Parahucho (Salmonidae) as a Distinct Genus and Give Evidence that SINEs Can Incorporate LINE-related 3'-Tails of Other SINEs. <i>Molecular Biology and Evolution</i> , 2007, 24, 1656-1666.	8.9	27
43	MyrSINEs: A novel SINE family in the anteater genomes. <i>Gene</i> , 2007, 400, 98-103.	2.2	11
44	Rooting the eutherian tree: the power and pitfalls of phylogenomics. <i>Genome Biology</i> , 2007, 8, R199.	9.6	82
45	Pegasoferae, an unexpected mammalian clade revealed by tracking ancient retroposon insertions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9929-9934.	7.1	207
46	Functional noncoding sequences derived from SINEs in the mammalian genome. <i>Genome Research</i> , 2006, 16, 864-874.	5.5	207
47	A Retroposon Analysis of Afrotherian Phylogeny. <i>Molecular Biology and Evolution</i> , 2005, 22, 1823-1833.	8.9	88
48	Ancient SINEs from African Endemic Mammals. <i>Molecular Biology and Evolution</i> , 2003, 20, 522-527.	8.9	81
49	Characterization of Novel Alu- and tRNA-Related SINEs from the Tree Shrew and Evolutionary Implications of Their Origins. <i>Molecular Biology and Evolution</i> , 2002, 19, 1964-1972.	8.9	76