

Hang Lee

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

2,266
citations

218677

26
h-index

265206

42
g-index

107
all docs

107
docs citations

107
times ranked

3375
citing authors

#	ARTICLE	IF	CITATIONS
1	Minke whale genome and aquatic adaptation in cetaceans. <i>Nature Genetics</i> , 2014, 46, 88-92.	21.4	227
2	Genetic evidence for a high diversity and wide distribution of endemic strains of the pathogenic chytrid fungus <i>Batrachochytrium dendrobatidis</i> in wild Asian amphibians. <i>Molecular Ecology</i> , 2013, 22, 4196-4209.	3.9	113
3	Comparison of carnivore, omnivore, and herbivore mammalian genomes with a new leopard assembly. <i>Genome Biology</i> , 2016, 17, 211.	8.8	101
4	Comparison of the rebound tonometer (TonoVet [®]) with the applanation tonometer (TonoPen XL [®]) in normal Eurasian Eagle owls (<i>Bubo bubo</i>). <i>Veterinary Ophthalmology</i> , 2007, 10, 376-379.	1.0	92
5	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2009–30 November 2009. <i>Molecular Ecology Resources</i> , 2010, 10, 404-408.	4.8	84
6	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2010 – 31 May 2010. <i>Molecular Ecology Resources</i> , 2010, 10, 1098-1105.	4.8	71
7	DNA barcoding Korean birds. <i>Molecules and Cells</i> , 2006, 22, 323-7.	2.6	70
8	Genetic Status of Asiatic Black Bear (<i>Ursus thibetanus</i>) Reintroduced into South Korea Based on Mitochondrial DNA and Microsatellite Loci Analysis. <i>Journal of Heredity</i> , 2011, 102, 165-174.	2.4	63
9	New Genetic Variants of <i>Anaplasma phagocytophilum</i> and <i>Anaplasma bovis</i> from Korean Water Deer (<i>Hydropotes inermis argyropus</i>). <i>Vector-Borne and Zoonotic Diseases</i> , 2011, 11, 929-938.	1.5	62
10	A molecular genetic approach for species identification of mammals and sex determination of birds in a forensic case of poaching from South Korea. <i>Forensic Science International</i> , 2007, 167, 59-61.	2.2	55
11	On the phylogeny of Mustelidae subfamilies: analysis of seventeen nuclear non-coding loci and mitochondrial complete genomes. <i>BMC Evolutionary Biology</i> , 2011, 11, 92.	3.2	54
12	Recipient Preparation and Mixed Germ Cell Isolation for Spermatogonial Stem Cell Transplantation in Domestic Cats. <i>Journal of Andrology</i> , 2006, 27, 248-256.	2.0	52
13	Genetic evidence of illegal trade in protected whales links Japan with the US and South Korea. <i>Biology Letters</i> , 2010, 6, 647-650.	2.3	51
14	Molecular detection of severe fever with thrombocytopenia syndrome virus (SFTSV) in feral cats from Seoul, Korea. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 9-12.	2.7	51
15	Ticks Collected from Selected Mammalian Hosts Surveyed in the Republic of Korea During 2008-2009. <i>Korean Journal of Parasitology</i> , 2011, 49, 331.	1.3	42
16	Characterization of TRPC2, an Essential Genetic Component of VNS Chemoreception, Provides Insights into the Evolution of Pheromonal Olfaction in Secondary-Adapted Marine Mammals. <i>Molecular Biology and Evolution</i> , 2010, 27, 1467-1477.	8.9	41
17	Creatine Synthesis and Transport Systems in the Male Rat Reproductive Tract1. <i>Biology of Reproduction</i> , 1998, 58, 1437-1444.	2.7	37
18	Guanidinoacetate Methyltransferase in the Mouse: Extensive Expression in Sertoli Cells of Testis and in Microvilli of Caput Epididymis1. <i>Biology of Reproduction</i> , 1994, 50, 152-162.	2.7	36

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19	Establishing the foundation for an applied molecular taxonomy of otters in Southeast Asia. Conservation Genetics, 2008, 9, 1589-1604.	1.5	33
20	Diversity of Palaearctic chipmunks (<i>Tamias</i> , Sciuridae). Mammalia, 2009, 73, .	0.7	33
21	Genetic structure of wild boar (<i>Sus scrofa</i>) populations from East Asia based on microsatellite loci analyses. BMC Genetics, 2014, 15, 85.	2.7	33
22	Cross-Species Amplification of Bovidae Microsatellites and Low Diversity of the Endangered Korean Goral. Journal of Heredity, 2004, 95, 521-525.	2.4	31
23	Microsatellite loci analysis for the genetic variability and the parentage test of five dog breeds in South Korea. Genes and Genetic Systems, 2009, 84, 245-251.	0.7	30
24	The Robust Phylogeny of Korean Wild Boar (<i>Sus scrofa coreanus</i>) Using Partial D-Loop Sequence of mtDNA. Molecules and Cells, 2009, 28, 423-430.	2.6	28
25	Mitochondrial cytochrome b sequence variations and population structure of Siberian chipmunk (<i>Tamias sibiricus</i>) in Northeastern Asia and population substructure in South Korea. Molecules and Cells, 2008, 26, 566-75.	2.6	27
26	First detection of the amphibian chytrid fungus <i>Batrachochytrium dendrobatidis</i> in free-ranging populations of amphibians on mainland Asia: survey in South Korea. Diseases of Aquatic Organisms, 2009, 86, 9-13.	1.0	26
27	The First Report of Hepatozoon Species Infection in Leopard Cats (<i>Prionailurus bengalensis</i>) in Korea. Journal of Parasitology, 2010, 96, 437-439.	0.7	25
28	Asia-wide phylogeography of wild boar (<i>Sus scrofa</i>) based on mitochondrial DNA and Y-chromosome: Revising the migration routes of wild boar in Asia. PLoS ONE, 2020, 15, e0238049.	2.5	23
29	<i>Aspergillus fumigatus</i> infection in two wild Eurasian black vultures (<i>Aegypius monachus</i> Linnaeus) with carbofuran insecticide poisoning: A case report. Veterinary Journal, 2009, 179, 307-312.	1.7	22
30	Evolutionary and biogeographical implications of variation in skull morphology of raccoon dogs (<i>Nyctereutes procyonoides</i> , Mammalia: Carnivora). Biological Journal of the Linnean Society, 2015, 116, 856-872.	1.6	21
31	Molecular Detection of <i>Anaplasma</i> , <i>Bartonella</i> , and <i>Borrelia theileri</i> in Raccoon Dogs (<i>Nyctereutes</i>) Tj ETQq1 1 0.784314 rgBT/Overlo	1.4	21
32	Genetic diversity and genetic structure of the Siberian roe deer (<i>Capreolus pygargus</i>) populations from Asia. BMC Genetics, 2015, 16, 100.	2.7	20
33	Molecular phylogenetic status of the Korean goral and Japanese serow based on partial sequences of the mitochondrial cytochrome b gene. Molecules and Cells, 2004, 17, 365-72.	2.6	20
34	Heavy-metal concentrations in three owl species from Korea. Ecotoxicology, 2008, 17, 21-28.	2.4	19
35	Molecular Detection of <i>Bartonella grahamii</i> and <i>B. schoenbuchensis</i> -Related Species in Korean Water Deer (<i>Hydropotes inermis argyropus</i>). Vector-Borne and Zoonotic Diseases, 2013, 13, 415-418.	1.5	19
36	Individual identification and sex determination of Eurasian otters (<i>Lutra lutra</i>) in Daegu city based on genetic analysis of otter spraint. Genes and Genomics, 2011, 33, 653-657.	1.4	18

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37	Feather Microstructure of the Black-Billed Magpie (<i>Pica pica sericea</i>) and Jungle Crow (<i>Corvus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.9	16
38	Identification of the adrenoceptor subtypes expressed on GABAergic neurons in the anterior hypothalamic area and rostral zona incerta of GAD65-eGFP transgenic mice. <i>Neuroscience Letters</i> , 2007, 422, 153-157.	2.1	15
39	New Insights into the Evolution of Intronic Sequences of the β -fibrinogen Gene and Their Application in Reconstructing Mustelid Phylogeny. <i>Zoological Science</i> , 2008, 25, 662-672.	0.7	15
40	Mitochondrial DNA Data Unveil Highly Divergent Populations within the Genus <i>Hynobius</i> (Caudata:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.6	15
41	Disentangling the link between supplemental feeding, population density, and the prevalence of pathogens in urban stray cats. <i>PeerJ</i> , 2018, 6, e4988.	2.0	15
42	Mitochondrial genetic diversity and phylogenetic relationships of Siberian flying squirrel (<i>Pteromys volans</i>) populations. <i>Animal Cells and Systems</i> , 2008, 12, 269-277.	2.2	14
43	<i>Ginkgo biloba</i> extract (GbE) enhances the anti-atherogenic effect of cilostazol by inhibiting ROS generation. <i>Experimental and Molecular Medicine</i> , 2012, 44, 311.	7.7	14
44	The Weak Iridescent Feather Color in the Jungle Crow (<i>Corvus macrorhynchos</i>). <i>Ornithological Science</i> , 2012, 11, 59-64.	0.5	14
45	The Gene Encoding Guanidinoacetate Methyltransferase (GAMT) Maps to Human Chromosome 19 at Band p13.3 and to Mouse Chromosome 10. <i>Genomics</i> , 1998, 49, 162-164.	2.9	13
46	Gene therapy using non-viral peptide vector in a canine systemic lupus erythematosus model. <i>Veterinary Immunology and Immunopathology</i> , 2005, 103, 223-233.	1.2	13
47	Isolation of a Recent Korean Epizootic Strain of Newcastle Disease Virus from Eurasian Scops Owls Affected with Severe Diarrhea. <i>Journal of Wildlife Diseases</i> , 2008, 44, 193-198.	0.8	13
48	Population genetic study of the raccoon dog (<i>Nyctereutes procyonoides</i>) in South Korea using newly developed 12 microsatellite markers. <i>Genes and Genetic Systems</i> , 2013, 88, 69-76.	0.7	13
49	Genetic Diversity and Population Structure of East Asian Raccoon Dog (<i>Nyctereutes</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.7	13
50	Species and sex identification of the Korean goral (<i>Nemorhaedus caudatus</i>) by molecular analysis of non-invasive samples. <i>Molecules and Cells</i> , 2008, 26, 314-8.	2.6	13
51	<i>Anaplasma</i> sp. and hemoplasma infection in leopard cats (<i>Prionailurus bengalensis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.3	12
52	Accumulation of Phosphocreatine and Creatine in the Cells and Fluid of Mouse Seminal Vesicles is Regulated by Testosterone1. <i>Biology of Reproduction</i> , 1991, 44, 540-545.	2.7	11
53	Evaluation of biochemical and haematological parameters and prevalence of selected pathogens in feral cats from urban and rural habitats in South Korea. <i>Journal of Feline Medicine and Surgery</i> , 2016, 18, 443-451.	1.6	11
54	Behavioral and cardiac responses in mature horses exposed to a novel object. <i>Journal of Animal Science and Technology</i> , 2021, 63, 651-661.	2.5	11

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55	Isolation and characterization of 15 microsatellite loci in the Korean goral (<i>Nemorhaedus caudatus</i>). <i>Molecular Ecology Notes</i> , 2005, 5, 421-423.	1.7	10
56	New Record of <i>Lipoptena cervi</i> and Updated Checklist of the Louse Flies (Diptera: Hippoboscidae) of the Republic of Korea. <i>Journal of Medical Entomology</i> , 2010, 47, 1227-1230.	1.8	10
57	Age structure and growth rates of two Korean salamander species (<i>Hynobius</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 T</i> 14, 315-322.	2.2	10
58	A core set of microsatellite markers for conservation genetics studies of Korean goral (<i>Naemorhedus</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i> 11, 351.	1.3	9
59	Temporal Changes in Genetic Variation of Boll Weevil (Coleoptera: Curculionidae) Populations, and Implications for Population Assignment in Eradication Zones. <i>Annals of the Entomological Society of America</i> , 2011, 104, 816-825.	2.5	9
60	Sexual Dimorphism of Craniodental Morphology in the Raccoon Dog &Nytt;Nyctereutes procyonoides&Nytt; from South Korea. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 1609-1616.	0.9	9
61	Genetic diversity and population structure of the long-tailed goral, &Nytt;Naemorhedus caudatus&Nytt;, in South Korea. <i>Genes and Genetic Systems</i> , 2015, 90, 31-41.	0.7	9
62	Isolation of <i>Mycobacterium bovis</i> from Free-Ranging Wildlife in South Korea. <i>Journal of Wildlife Diseases</i> , 2017, 53, 181-185.	0.8	9
63	Infections by pathogens with different transmission modes in feral cats from urban and rural areas of Korea. <i>Journal of Veterinary Science</i> , 2017, 18, 541.	1.3	9
64	Phylogeography of the Asian lesser white-toothed shrew, <i>Crocidura shantungensis</i> , in East Asia: role of the Korean Peninsula as refugium for small mammals. <i>Genetica</i> , 2018, 146, 211-226.	1.1	9
65	High striped hyena density suggests coexistence with humans in an agricultural landscape, Rajasthan. <i>PLoS ONE</i> , 2022, 17, e0266832.	2.5	9
66	Organization and variation of the mitochondrial DNA control region in five Caprinae species. <i>Genes and Genomics</i> , 2010, 32, 335-344.	1.4	8
67	Genetic origin identification of Siberian chipmunks (<i>Tamias sibiricus</i>) in pet shops of South Korea. <i>Animal Cells and Systems</i> , 2011, 15, 161-168.	2.2	8
68	Considering threats to population viability of the endangered Korean long-tailed goral (<i>Naemorhedus caudatus</i>) using VORTEX. <i>Animal Cells and Systems</i> , 2016, 20, 52-59.	2.2	8
69	Three Echinostome Species from Wild Birds in the Republic of Korea. <i>Korean Journal of Parasitology</i> , 2014, 52, 513-520.	1.3	8
70	Enzyme-linked Immunosorbent Assay for Screening the Plasma Residues of Tetracycline Antibiotics in Pigs.. <i>Journal of Veterinary Medical Science</i> , 2001, 63, 553-556.	0.9	7
71	RETROSPECTIVE ANALYSIS OF THE EPIDEMIOLOGIC LITERATURE, 1990â€“2015, ON WILDLIFE-ASSOCIATED DISEASES FROM THE REPUBLIC OF KOREA. <i>Journal of Wildlife Diseases</i> , 2017, 53, 5-18.	0.8	7
72	Surveillance for West Nile Virus in Dead Wild Birds, South Korea, 2005â€“2008. <i>Emerging Infectious Diseases</i> , 2011, 17, 299-301.	4.3	6

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73	Phylogenetic structure and ancestry of Korean clawed salamander, <i>Onychodactylus koreanus</i> (Caudata: Hynobiidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2018, 29, 650-658.	0.7	6
74	The Asian plethodontid salamander preserves historical genetic imprints of recent northern expansion. Scientific Reports, 2021, 11, 9193.	3.3	6
75	Phylogeographic study of the <i>Bufo gargarizans</i> species complex, with emphasis on Northeast Asia. Animal Cells and Systems, 2021, 25, 434-444.	2.2	6
76	Complete mitochondrial genome of a Steller sea lion <i>Eumetopias jubatus</i> (Carnivora, Otariidae). Mitochondrial DNA, 2010, 21, 54-56.	0.6	5
77	Isolation and characterization of 12 microsatellite loci from Korean water deer (<i>Hydropotes inermis</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 1.4	1.4	5
78	Molecular Tools for Species and Sex Identification in the Mixed-Species Flocks of Bean Geese and White-Fronted Geese. Zoological Science, 2012, 29, 761-765.	0.7	5
79	Korea Barcode of Life Database System (KBOL). Animal Cells and Systems, 2012, 16, 11-19.	2.2	5
80	Phylogenetic relationships and genetic diversity of badgers from the Korean Peninsula: Implications for the taxonomic status of the Korean badger. Biochemical Systematics and Ecology, 2016, 69, 18-26.	1.3	5
81	What is the taxonomic status of East Asian otter species based on molecular evidence?: focus on the position of the Japanese otter holotype specimen from museum. Animal Cells and Systems, 2019, 23, 228-234.	2.2	5
82	Genetic and phylogenetic structure of <i>Hynobius quelpaertensis</i> , an endangered endemic salamander species on the Korean Peninsula. Genes and Genomics, 2020, 42, 165-178.	1.4	5
83	Genetic Diversity among Local Populations of the Gold-spotted Pond Frog, <i>Rana plancyi chosonica</i> (Amphibia: Ranidae), Assessed by Mitochondrial Cytochrome b Gene and Control Region Sequences. Animal Systematics, Evolution and Diversity, 2008, 24, 25-32.	0.2	5
84	Comparison of point and roadside transect methods to evaluate the abundance and richness of diurnal raptors in the arid region of Rajasthan. PLoS ONE, 2021, 16, e0259805.	2.5	5
85	Identification of species and sex of Korean Roe Deer (<i>Capreolus pygargus tianschanicus</i>) using <i>SRY</i> and <i>CYTB</i> genes. Animal Cells and Systems, 2007, 11, 165-168.	0.2	4
86	Development of 10 microsatellite loci from the Korean Ratsnake (<i>Elaphe schrenckii</i>) and its application across <i>Elaphe</i> species from South Korea, Russia, and China. Genes and Genomics, 2010, 32, 401-405.	1.4	4
87	Genetic diversity and population demography of narrow-ridged finless porpoises from South Korea on the basis of mitochondrial DNA variation: Implications for its conservation in East Asia. Marine Mammal Science, 2019, 35, 574-594.	1.8	4
88	Phylogenetic relationships between different raccoon dog (<i>Nyctereutes procyonoides</i>) populations based on four nuclear and Y genes. Genes and Genomics, 2020, 42, 1075-1085.	1.4	4
89	Phylogenetic study of extirpated Korean leopard using mitochondrial DNA from an old skin specimen in South Korea. PeerJ, 2020, 8, e8900.	2.0	4
90	Prediction of range expansion and estimation of dispersal routes of water deer (<i>Hydropotes inermis</i>) in the transboundary region between China, the Russian Far East and the Korean Peninsula. PLoS ONE, 2022, 17, e0264660.	2.5	4

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91	Application of molecular methods to identify food resources of short-eared owl (<i>Asio flammeus</i>) in wetland community. <i>Genes and Genomics</i> , 2009, 31, 421-427.	1.4	3
92	G-, R- and C-Band Patterns of Goral (<i>Nemorhaedus caudatus</i>) and Comparison to Goat (<i>Capra hircus</i>). <i>Molecules and Cells</i> , 2011, 31, 351-354.	2.6	3
93	Population structure of the raccoon dog (<i>Nyctereutes procyonoides</i>) using microsatellite loci analysis in South Korea: Implications for disease management. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 1631-1638.	0.9	3
94	Whole genome survey of big cats (Genus: <i>Panthera</i>) identifies novel microsatellites of utility in conservation genetic study. <i>Scientific Reports</i> , 2021, 11, 14164.	3.3	3
95	Species- and sex-specific multiple pcr amplifications of partial cytochrome b gene and Zfx/Zfy introns from invasive and non-invasive samples of Korean ungulates. <i>Genes and Genomics</i> , 2009, 31, 369-375.	1.4	2
96	Morphometric analyses of non-invasive fecal samples of the Korean long-tailed goral (<i>Naemorhedus</i>)	2.2	2
97	Noninvasive Treatment and Rehabilitation of a Northern Goshawk (<i>Accipiter gentilis</i>) with Coracoid and Scapular Fracture. <i>Journal of Veterinary Clinics</i> , 2017, 34, 396-399.	0.1	2
98	Correlation of animal-based parameters with environment-based parameters in an on-farm welfare assessment of growing pigs. <i>Journal of Animal Science and Technology</i> , 2022, 64, 539-563.	2.5	2
99	Discrimination of Animal Species Using Polymorphisms of the Nuclear Gene Zinc Finger Protein 238. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2398-2402.	5.2	1
100	Development and characterization of nine microsatellite loci from the Korean hare (<i>Lepus coreanus</i>) and genetic diversity in South Korea. <i>Animal Cells and Systems</i> , 2012, 16, 230-236.	2.2	1
101	The complete mitochondrial genome of the Amur soft-shelled turtle (<i>Pelodiscus maackii</i>)	0.4	1
102	Northward Range Expansion of Water Deer in Northeast Asia: Direct Evidence and Management Implications. <i>Animals</i> , 2022, 12, 1392.	2.3	1
103	Souvenir made of tiger part revealed to be Banteng (<i>Bos javanicus</i>): species identification using DNA sequence analysis. <i>Korean Journal of Veterinary Research</i> , 2013, 53, 239-243.	0.2	0