

# Hang Lee

## List of Publications by Year in descending order

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103  
papers

2,266  
citations

218592

26  
h-index

265120

42  
g-index

107  
all docs

107  
docs citations

107  
times ranked

3375  
citing authors

#	ARTICLE	IF	CITATIONS
1	The complete mitochondrial genome of the Amur soft-shelled turtle ( <i>Pelodiscus maackii</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	1
2	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.	1.1	4
3	High striped hyena density suggests coexistence with humans in an agricultural landscape, Rajasthan. PLoS ONE, 2022, 17, e0266832.	1.1	9
4	Correlation of animal-based parameters with environment-based parameters in an on-farm welfare assessment of growing pigs. Journal of Animal Science and Technology, 2022, 64, 539-563.	0.8	2
5	Northward Range Expansion of Water Deer in Northeast Asia: Direct Evidence and Management Implications. Animals, 2022, 12, 1392.	1.0	1
6	The Asian plethodontid salamander preserves historical genetic imprints of recent northern expansion. Scientific Reports, 2021, 11, 9193.	1.6	6
7	Behavioral and cardiac responses in mature horses exposed to a novel object. Journal of Animal Science and Technology, 2021, 63, 651-661.	0.8	11
8	Whole genome survey of big cats (Genus: <i>Panthera</i> ) identifies novel microsatellites of utility in conservation genetic study. Scientific Reports, 2021, 11, 14164.	1.6	3
9	Phylogeographic study of the <i>Bufo gargarizans</i> species complex, with emphasis on Northeast Asia. Animal Cells and Systems, 2021, 25, 434-444.	0.8	6
10	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.	1.1	5
11	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.	0.5	5
12	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.	0.5	4
13	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.	1.1	23
14	Phylogenetic study of extirpated Korean leopard using mitochondrial DNA from an old skin specimen in South Korea. PeerJ, 2020, 8, e8900.	0.9	4
15	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.	0.8	5
16	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.	0.9	4
17	Morphometric analyses of non-invasive fecal samples of the Korean long-tailed goral ( <i>Naemorhedus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 2	0.8	2
18	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. Genetica, 2018, 146, 211-226.	0.5	9

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19	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
20	Disentangling the link between supplemental feeding, population density, and the prevalence of pathogens in urban stray cats. PeerJ, 2018, 6, e4988.	0.9	15
21	Population structure of the raccoon dog ( <i>Nyctereutes procyonoides</i> ) using microsatellite loci analysis in South Korea: Implications for disease management. Journal of Veterinary Medical Science, 2018, 80, 1631-1638.	0.3	3
22	Genetic Diversity and Population Structure of East Asian Raccoon Dog ( <i>Nyctereutes</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (p 249-259.	0.3	13
23	Molecular Detection of Anaplasma, Bartonella, and Borrelia theileri in Raccoon Dogs ( <i>Nyctereutes</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 627 Td (p 21	0.6	21
24	Isolation of <i>Mycobacterium bovis</i> from Free-Ranging Wildlife in South Korea. Journal of Wildlife Diseases, 2017, 53, 181-185.	0.3	9
25	RETROSPECTIVE ANALYSIS OF THE EPIDEMIOLOGIC LITERATURE, 1990â€“2015, ON WILDLIFE-ASSOCIATED DISEASES FROM THE REPUBLIC OF KOREA. Journal of Wildlife Diseases, 2017, 53, 5-18.	0.3	7
26	Molecular detection of severe fever with thrombocytopenia syndrome virus (SFTSV) in feral cats from Seoul, Korea. Ticks and Tick-borne Diseases, 2017, 8, 9-12.	1.1	51
27	Infections by pathogens with different transmission modes in feral cats from urban and rural areas of Korea. Journal of Veterinary Science, 2017, 18, 541.	0.5	9
28	Noninvasive Treatment and Rehabilitation of a Northern Goshawk ( <i>Accipiter gentilis</i> ) with Coracoid and Scapular Fracture. Journal of Veterinary Clinics, 2017, 34, 396-399.	0.2	2
29	Considering threats to population viability of the endangered Korean long-tailed goral ( <i>Naemorhedus caudatus</i> ) using VORTEX. Animal Cells and Systems, 2016, 20, 52-59.	0.8	8
30	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.	0.6	5
31	Comparison of carnivore, omnivore, and herbivore mammalian genomes with a new leopard assembly. Genome Biology, 2016, 17, 211.	3.8	101
32	Evaluation of biochemical and haematological parameters and prevalence of selected pathogens in feral cats from urban and rural habitats in South Korea. Journal of Feline Medicine and Surgery, 2016, 18, 443-451.	0.6	11
33	Genetic diversity and population structure of the long-tailed goral, <i>Naemorhedus caudatus</i> , in South Korea. Genes and Genetic Systems, 2015, 90, 31-41.	0.2	9
34	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.	0.7	21
35	<i>Anaplasma</i> sp. and hemoplasma infection in leopard cats ( <i>Prionailurus bengalensis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 627 Td (p 12	0.5	12
36	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

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37	Genetic structure of wild boar ( <i>Sus scrofa</i> ) populations from East Asia based on microsatellite loci analyses. <i>BMC Genetics</i> , 2014, 15, 85.	2.7	33
38	Minke whale genome and aquatic adaptation in cetaceans. <i>Nature Genetics</i> , 2014, 46, 88-92.	9.4	227
39	Three Echinostome Species from Wild Birds in the Republic of Korea. <i>Korean Journal of Parasitology</i> , 2014, 52, 513-520.	0.5	8
40	Genetic evidence for a high diversity and wide distribution of endemic strains of the pathogenic chytrid fungus <i>Batrachochytrium dendrobatidis</i> in wild <i>Ambystoma</i> amphibians. <i>Molecular Ecology</i> , 2013, 22, 4196-4209.	2.0	113
41	Molecular Detection of <i>Bartonella grahamii</i> and <i>B. schoenbuchensis</i> -Related Species in Korean Water Deer ( <i>Hydropotes inermis argyropus</i> ). <i>Vector-Borne and Zoonotic Diseases</i> , 2013, 13, 415-418.	0.6	19
42	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.	0.2	13
43	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
44	<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.	3.2	14
45	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.	0.8	1
46	Sexual Dimorphism of Craniodental Morphology in the Raccoon Dog <i>Nyctereutes procyonoides</i> from South Korea. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 1609-1616.	0.3	9
47	Molecular Tools for Species and Sex Identification in the Mixed-Species Flocks of Bean Geese and White-Fronted Geese. <i>Zoological Science</i> , 2012, 29, 761-765.	0.3	5
48	The Weak Iridescent Feather Color in the Jungle Crow <i>Corvus macrorhynchos</i> . <i>Ornithological Science</i> , 2012, 11, 59-64.	0.3	14
49	Korea Barcode of Life Database System (KBOL). <i>Animal Cells and Systems</i> , 2012, 16, 11-19.	0.8	5
50	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.	0.6	62
51	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.	0.8	8
52	Mitochondrial DNA Data Unveil Highly Divergent Populations within the Genus <i>Hynobius</i> (Caudata). <i>Trends in Ecology and Evolution</i> , 2011, 26, 100-107.	9.0	15
53	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.	1.0	3
54	Isolation and characterization of 12 microsatellite loci from Korean water deer ( <i>Hydropotes inermis</i> ). <i>Trends in Ecology and Evolution</i> , 2011, 26, 100-107.	8.5	5

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55	Individual identification and sex determination of Eurasian otters ( <i>Lutra lutra</i> ) in Daegu city based on genetic analysis of otter spraint. <i>Genes and Genomics</i> , 2011, 33, 653-657.	0.5	18
56	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
57	Surveillance for West Nile Virus in Dead Wild Birds, South Korea, 2005-2008. <i>Emerging Infectious Diseases</i> , 2011, 17, 299-301.	2.0	6
58	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.	1.0	63
59	Temporal Changes in Genetic Variation of Boll Weevil ( <i>Coleoptera: Curculionidae</i> ) Populations, and Implications for Population Assignment in Eradication Zones. <i>Annals of the Entomological Society of America</i> , 2011, 104, 816-825.	1.3	9
60	Ticks Collected from Selected Mammalian Hosts Surveyed in the Republic of Korea During 2008-2009. <i>Korean Journal of Parasitology</i> , 2011, 49, 331.	0.5	42
61	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 T	0.3	16
62	Organization and variation of the mitochondrial DNA control region in five Caprinae species. <i>Genes and Genomics</i> , 2010, 32, 335-344.	0.5	8
63	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. <i>Genes and Genomics</i> , 2010, 32, 401-405.	0.5	4
64	A core set of microsatellite markers for conservation genetics studies of Korean goral ( <i>Naemorhedus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.5	9
65	Genetic evidence of illegal trade in protected whales links Japan with the US and South Korea. <i>Biology Letters</i> , 2010, 6, 647-650.	1.0	51
66	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.	3.5	41
67	Complete mitochondrial genome of a Steller sea lion ( <i>Eumetopias jubatus</i> ) (Carnivora, Otariidae). <i>Mitochondrial DNA</i> , 2010, 21, 54-56.	0.6	5
68	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.	0.9	10
69	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.	2.4	1
70	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2009-30 November 2009. <i>Molecular Ecology Resources</i> , 2010, 10, 404-408.	2.2	84
71	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2010 - 31 May 2010. <i>Molecular Ecology Resources</i> , 2010, 10, 1098-1105.	2.2	71
72	The First Report of Hepatozoon Species Infection in Leopard Cats ( <i>Prionailurus bengalensis</i> ) in Korea. <i>Journal of Parasitology</i> , 2010, 96, 437-439.	0.3	25

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73	Age structure and growth rates of two Korean salamander species ( <i>Hynobius</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 T 14, 315-322.	0.8	10
74	<i>Aspergillus fumigatus</i> infection in two wild Eurasian black vultures ( <i>Aegypius monachus</i> Linnaeus) with carbofuran insecticide poisoning: A case report. <i>Veterinary Journal</i> , 2009, 179, 307-312.	0.6	22
75	The Robust Phylogeny of Korean Wild Boar ( <i>Sus scrofa coreanus</i> ) Using Partial D-Loop Sequence of mtDNA. <i>Molecules and Cells</i> , 2009, 28, 423-430.	1.0	28
76	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.	0.5	2
77	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.	0.5	3
78	First detection of the amphibian chytrid fungus <i>Batrachochytrium dendrobatidis</i> in free-ranging populations of amphibians on mainland Asia: survey in South Korea. <i>Diseases of Aquatic Organisms</i> , 2009, 86, 9-13.	0.5	26
79	Diversity of Palaearctic chipmunks ( <i>Tamias</i> , <i>Sciuridae</i> ). <i>Mammalia</i> , 2009, 73, .	0.3	33
80	Microsatellite loci analysis for the genetic variability and the parentage test of five dog breeds in South Korea. <i>Genes and Genetic Systems</i> , 2009, 84, 245-251.	0.2	30
81	Establishing the foundation for an applied molecular taxonomy of otters in Southeast Asia. <i>Conservation Genetics</i> , 2008, 9, 1589-1604.	0.8	33
82	Heavy-metal concentrations in three owl species from Korea. <i>Ecotoxicology</i> , 2008, 17, 21-28.	1.1	19
83	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.	0.8	14
84	New Insights into the Evolution of Intronic Sequences of the $\beta$ -fibrinogen Gene and Their Application in Reconstructing Mustelid Phylogeny. <i>Zoological Science</i> , 2008, 25, 662-672.	0.3	15
85	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.	0.3	13
86	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. <i>Animal Systematics, Evolution and Diversity</i> , 2008, 24, 25-32.	0.2	5
87	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.	1.0	13
88	Mitochondrial cytochrome b sequence variations and population structure of Siberian chipmunk ( <i>Tamias sibiricus</i> ) in Northeastern Asia and population substructure in South Korea. <i>Molecules and Cells</i> , 2008, 26, 566-75.	1.0	27
89	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.	1.0	15
90	Identification of species and sex of Korean Roe Deer ( <i>Capreolus pygargus tianschanicus</i> ) using <i>SRY</i> and <i>CYTB</i> genes. <i>Animal Cells and Systems</i> , 2007, 11, 165-168.	0.2	4

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91	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.	1.3	55
92	Comparison of the rebound tonometer (TonoVet <sup>®</sup> ) with the applanation tonometer (TonoPen XL <sup>®</sup> ) in normal Eurasian Eagle owls ( <i>Bubo bubo</i> ). <i>Veterinary Ophthalmology</i> , 2007, 10, 376-379.	0.6	92
93	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
94	DNA barcoding Korean birds. <i>Molecules and Cells</i> , 2006, 22, 323-7.	1.0	70
95	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
96	Gene therapy using non-viral peptide vector in a canine systemic lupus erythematosus model. <i>Veterinary Immunology and Immunopathology</i> , 2005, 103, 223-233.	0.5	13
97	Cross-Species Amplification of Bovidae Microsatellites and Low Diversity of the Endangered Korean Goral. <i>Journal of Heredity</i> , 2004, 95, 521-525.	1.0	31
98	Molecular phylogenetic status of the Korean goral and Japanese serow based on partial sequences of the mitochondrial cytochrome b gene. <i>Molecules and Cells</i> , 2004, 17, 365-72.	1.0	20
99	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.	0.3	7
100	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.	1.3	13
101	Creatine Synthesis and Transport Systems in the Male Rat Reproductive Tract1. <i>Biology of Reproduction</i> , 1998, 58, 1437-1444.	1.2	37
102	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.	1.2	36
103	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.	1.2	11