

# Joo-Hwan Kim

## List of Publications by Year in descending order

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59  
papers

1,078  
citations

430874

18  
h-index

454955

30  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seven New Complete Plastome Sequences Reveal Rampant Independent Loss of the <i>ndh</i> Gene Family across Orchids and Associated Instability of the Inverted Repeat/Small Single-Copy Region Boundaries. <i>PLoS ONE</i> , 2015, 10, e0142215.	2.5	131
2	Draft genome sequence of wild <i>Prunus yedoensis</i> reveals massive inter-specific hybridization between sympatric flowering cherries. <i>Genome Biology</i> , 2018, 19, 127.	8.8	89
3	Molecular phylogenetics of <i>Ruscaceae</i> sensu lato and related families (Asparagales) based on plastid and nuclear DNA sequences. <i>Annals of Botany</i> , 2010, 106, 775-790.	2.9	71
4	Networks in a Large-Scale Phylogenetic Analysis: Reconstructing Evolutionary History of Asparagales (Liliales) Based on Four Plastid Genes. <i>PLoS ONE</i> , 2013, 8, e59472.	2.5	58
5	Familial relationships of the monocot order Liliales based on a molecular phylogenetic analysis using four plastid loci: <i>matK</i> , <i>rbcL</i> , <i>atpB</i> and <i>atpF</i> - <i>H</i> . <i>Botanical Journal of the Linnean Society</i> , 2013, 172, 5-21.	1.6	50
6	Comparative genomics of four Liliales families inferred from the complete chloroplast genome sequence of <i>Veratrum patulum</i> O. Loes. (Melanthiaceae). <i>Gene</i> , 2013, 530, 229-235.	2.2	47
7	The complete chloroplast genome of colchicine plants ( <i>Colchicum autumnale</i> L. and <i>Gloriosa superba</i> ) Tj ETQq1 1 0,784314 rgBT /Over 3.2 42		
8	Comparative Genome Analysis and Phylogenetic Relationship of Order Liliales Insight from the Complete Plastid Genome Sequences of Two Lilies ( <i>Lilium longiflorum</i> and <i>Alstroemeria aurea</i> ). <i>PLoS ONE</i> , 2013, 8, e68180.	2.5	39
9	Updated molecular phylogenetic analysis, dating and biogeographical history of the lily family (Liliaceae: Liliales). <i>Botanical Journal of the Linnean Society</i> , 2018, 187, 579-593.	1.6	33
10	Molecular Phylogeny and Dating of Forsythieae (Oleaceae) Provide Insight into the Miocene History of Eurasian Temperate Shrubs. <i>Frontiers in Plant Science</i> , 2018, 9, 99.	3.6	32
11	Complete Chloroplast Genome of <i>Chionographis japonica</i> (Willd.) Maxim. (Melanthiaceae): Comparative Genomics and Evaluation of Universal Primers for Liliales. <i>Plant Molecular Biology Reporter</i> , 2013, 31, 1407-1421.	1.8	26
12	A <i>trnL</i> _CAU Triplication Event in the Complete Chloroplast Genome of <i>Paris verticillata</i> M.Bieb. (Melanthiaceae, Liliales). <i>Genome Biology and Evolution</i> , 2014, 6, 1699-1706.	2.5	26
13	Single-step separation of bioactive flavonol glucosides from <i>Osteomeles schwerinae</i> by high-speed counter-current chromatography. <i>Journal of Separation Science</i> , 2010, 33, 582-586.	2.5	24
14	Historical Biogeography of Melanthiaceae: A Case of Out-of-North America Through the Bering Land Bridge. <i>Frontiers in Plant Science</i> , 2019, 10, 396.	3.6	24
15	The Largest Plastid Genome of Monocots: a Novel Genome Type Containing AT Residue Repeats in the Slipper Orchid <i>Cypripedium japonicum</i> . <i>Plant Molecular Biology Reporter</i> , 2015, 33, 1210-1220.	1.8	23
16	Implications of plastome evolution in the true lilies (monocot order Liliales). <i>Molecular Phylogenetics and Evolution</i> , 2020, 148, 106818.	2.7	23
17	Sequencing of the plastome in the leafless green mycoheterotroph <i>Cymbidium macrorhizon</i> helps us to understand an early stage of fully mycoheterotrophic plastome structure. <i>Plant Systematics and Evolution</i> , 2018, 304, 245-258.	0.9	21
18	Complete chloroplast genomes shed light on phylogenetic relationships, divergence time, and biogeography of Alliioideae (Amaryllidaceae). <i>Scientific Reports</i> , 2021, 11, 3262.	3.3	21

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19	Molecular phylogenetic relationships of Melanthiaceae (Liliales) based on plastid DNA sequences. Botanical Journal of the Linnean Society, 2016, 181, 567-584.	1.6	19
20	Development of Chloroplast Microsatellite Markers for the Endangered <i>Maianthemum bicolor</i> (Asparagaceae s.l.). Applications in Plant Sciences, 2016, 4, 1600032.	2.1	18
21	Insights into phylogenetic relationships and genome evolution of subfamily Commelinoideae (Commelinaceae Mirb.) inferred from complete chloroplast genomes. BMC Genomics, 2021, 22, 231.	2.8	18
22	Insight into infrageneric circumscription through complete chloroplast genome sequences of two <i>Trillium</i> species. AoB PLANTS, 2016, 8, plw015.	2.3	17
23	The phylogenetic relationships of Asparagales in Korea based on five plastid DNA regions. Journal of Plant Biology, 2012, 55, 325-341.	2.1	14
24	Genomic clues to the parental origin of the wild flowering cherry <i>Prunus yedoensis</i> var. <i>nudiflora</i> (Rosaceae). Plant Biotechnology Reports, 2017, 11, 449-459.	1.5	14
25	Catechol-Type Flavonoids from the Branches of <i>Elaeagnus glabra</i> f. <i>oxyphylla</i> Exert Antioxidant Activity and an Inhibitory Effect on Amyloid- $\beta$ Aggregation. Molecules, 2020, 25, 4917.	3.8	14
26	A Dynamic Tandem Repeat in Monocotyledons Inferred from a Comparative Analysis of Chloroplast Genomes in Melanthiaceae. Frontiers in Plant Science, 2017, 8, 693.	3.6	13
27	Molecular identification of <i>Schisandra chinensis</i> and its allied species using multiplex PCR based on SNPs. Genes and Genomics, 2012, 34, 283-290.	1.4	12
28	<i>Elaeagnus glabra</i> f. <i>oxyphylla</i> Attenuates Scopolamine-Induced Learning and Memory Impairments in Mice by Improving Cholinergic Transmission via Activation of CREB/NGF Signaling. Nutrients, 2019, 11, 1205.	4.1	11
29	The newly developed single nucleotide polymorphism (SNP) markers for a potentially medicinal plant, <i>Crepidiastrum denticulatum</i> (Asteraceae), inferred from complete chloroplast genome data. Molecular Biology Reports, 2019, 46, 3287-3297.	2.3	11
30	Molecular phylogenetic relationships and implications for the circumscription of Colchicaceae (Liliales). Botanical Journal of the Linnean Society, 2013, 172, 255-269.	1.6	10
31	Autophagy Activation by <i>Crepidiastrum Denticulatum</i> Extract Attenuates Environmental Pollutant-Induced Damage in Dermal Fibroblasts. International Journal of Molecular Sciences, 2019, 20, 517.	4.1	10
32	Molecular systematics and historical biogeography of <i>Maianthemum</i> s.s.. American Journal of Botany, 2017, 104, 939-952.	1.7	9
33	Improvement in Diabetic Retinopathy through Protection against Retinal Apoptosis in Spontaneously Diabetic Torii Rats Mediated by Ethanol Extract of <i>Osteomeles schwerinae</i> C.K. Schneid. Nutrients, 2019, 11, 546.	4.1	9
34	Undifferentiated Pleomorphic Sarcoma in Mandible. Maxillofacial Plastic and Reconstructive Surgery, 2014, 36, 303-307.	1.8	9
35	The complete chloroplast genome sequence of <i>Lilium tsingtauense</i> Gilg (sect. <i>Martagon</i> ), Tj ETQq1 1 0.784314 rgBT /Qoverlock 0.4 8		
36	POCU1b, the n-Butanol Soluble Fraction of <i>Polygoni Cuspidati</i> Rhizoma et Radix, Attenuates Obesity, Non-Alcoholic Fatty Liver, and Insulin Resistance via Inhibitions of Pancreatic Lipase, cAMP-Dependent PDE Activity, AMPK Activation, and SOCS-3 Suppression. Nutrients, 2020, 12, 3612.	4.1	8

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37	Phylogenetic Inferences and the Evolution of Plastid DNA in Campynemataceae and the Mycoheterotrophic <i>Corsia dispar</i> D.L Jones & B. Gray (Corsiaceae). <i>Plant Molecular Biology Reporter</i> , 2016, 34, 192-210.	1.8	7
38	Molecular markers for phylogenetic applications derived from comparative plastome analysis of <i>Prunus</i> species. <i>Journal of Systematics and Evolution</i> , 2019, 57, 15-22.	3.1	7
39	<i>Ficus erecta</i> Thunb Leaves Alleviate Memory Loss Induced by Scopolamine in Mice via Regulation of Oxidative Stress and Cholinergic System. <i>Molecular Neurobiology</i> , 2021, 58, 3665-3676.	4.0	7
40	Complete plastid genome of <i>Astragalus mongholicus</i> var. <i>nakaianus</i> (Fabaceae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 2838-2839.	0.7	6
41	<i>Ficus erecta</i> Thunb. Leaves Ameliorate Cognitive Deficit and Neuronal Damage in a Mouse Model of Amyloid- $\beta$ -Induced Alzheimer's Disease. <i>Frontiers in Pharmacology</i> , 2021, 12, 607403.	3.5	6
42	The complete plastid genome sequence of <i>Eustrephus latifolius</i> (Asparagaceae: Lomandroideae). <i>Mitochondrial DNA</i> , 2016, 27, 1549-1551.	0.6	5
43	Rear-edge, low diversity, and haplotypic uniformity in cold-adapted <i>Bupleurum euphorbioides</i> interglacial refugia populations. <i>Ecology and Evolution</i> , 2020, 10, 10449-10462.	1.9	5
44	Comparative analysis and implications of the chloroplast genomes of three thistles ( <i>Carduus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	5
45	New method for an evaluation of the esthetical improvements resulting from a mandibular angle reduction. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2017, 43, 239.	0.8	3
46	The implication of plastid transcriptome analysis in petaloid monocotyledons: A case study of <i>Lilium lancifolium</i> (Liliaceae, Liliales). <i>Scientific Reports</i> , 2019, 9, 6662.	3.3	3
47	Characterization of the complete chloroplast genome of <i>Fraxinus chiisanensis</i> (Oleaceae), an endemic to Korea. <i>Conservation Genetics Resources</i> , 2019, 11, 63-66.	0.8	3
48	<i>Osteomeles schwerinae</i> Extract and Its Major Compounds Inhibit Methylglyoxal-Induced Apoptosis in Human Retinal Pigment Epithelial Cells. <i>Molecules</i> , 2020, 25, 2605.	3.8	3
49	Molecular Phylogeny and Historical Biogeography of <i>Goodyera</i> R. Br. (Orchidaceae): A Case of the Vicariance Between East Asia and North America. <i>Frontiers in Plant Science</i> , 2022, 13, 850170.	3.6	3
50	Development of 26 microsatellite markers in <i>Bupleurum latissimum</i> (Apiaceae), an endangered plant endemic to Ulleung Island, Korea. <i>Applications in Plant Sciences</i> , 2018, 6, e1144.	2.1	2
51	Simultaneous Quantification of Four Marker Compounds in <i>Bauhinia coccinea</i> Extract and Their Potential Inhibitory Effects on Alzheimer's Disease Biomarkers. <i>Plants</i> , 2021, 10, 702.	3.5	2
52	Phylogenetic relationship, biogeography, and conservation genetics of endangered <i>Fraxinus chiisanensis</i> (Oleaceae), endemic to South Korea. <i>Plant Diversity</i> , 2022, 44, 170-180.	3.7	2
53	Molecular Identification of <i>Reynoutria japonica</i> Houtt. and <i>R. sachalinensis</i> (F. Schmidt) Nakai Using SNP Sites. <i>Korean Journal of Plant Resources</i> , 2015, 28, 743-751.	0.2	2
54	The complete plastid genome sequence of <i>Bomarea edulis</i> (Alstroemeriaceae: Liliales). <i>Mitochondrial DNA</i> , 2016, 27, 1-2.	0.6	1

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55	Characterization of the complete chloroplast genome of Korean endemic, <i>Habenaria cruciformis</i> (Orchidaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 3269-3271.	0.4	1
56	Osteomyelitis in an Osteopathia Striata with Cranial Sclerosis Patient. <i>Maxillofacial Plastic and Reconstructive Surgery</i> , 2014, 36, 285-291.	1.8	1
57	Epitypification of <i>Prunus</i> — <i>nudiflora</i> (Rosaceae), a natural hybrid species in Jeju Island, Korea. <i>Journal of Asia-Pacific Biodiversity</i> , 2019, 12, 718-720.	0.4	0
58	Ethanol Extract of <i>Elaeagnus glabra</i> f. <i>oxyphylla</i> Branches Alleviates the Inflammatory Response Through Suppression of Cyclin D3/Cyclin-Dependent Kinase 11p58 Coupled to Lipopolysaccharide-Activated BV-2 Microglia. <i>Natural Product Communications</i> , 2022, 17, 1934578X2210750.	0.5	0
59	Disjunction and Vicariance Between East and West Asia: A Case Study on <i>Euonymus</i> sect. <i>Uniloculares</i> Based on Plastid Genome Analysis. <i>Frontiers in Plant Science</i> , 2022, 13, 825209.	3.6	0