

# Joo-Hwan Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | 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         |
| 2  | 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         |
| 3  | 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         |
| 4  | 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         |
| 5  | Complete chloroplast genomes shed light on phylogenetic relationships, divergence time, and biogeography of <i>Allioideae</i> (Amaryllidaceae). <i>Scientific Reports</i> , 2021, 11, 3262.  | 3.3 | 21        |
| 6  | 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         |
| 7  | <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         |
| 8  | <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         |
| 9  | Insights into phylogenetic relationships and genome evolution of subfamily <i>Commelinoideae</i> ( <i>Commelinaceae</i> Mirb.) inferred from complete chloroplast genomes. <i>BMC Genomics</i> , 2021, 22, 231.  | 2.8 | 18        |
| 10 | 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         |
| 11 | 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. <i>Nutrients</i> , 2020, 12, 3612. | 4.1 | 8         |
| 12 | 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         |
| 13 | 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         |
| 14 | 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. <i>Molecules</i> , 2020, 25, 4917.  | 3.8 | 14        |
| 15 | Implications of plastome evolution in the true lilies (monocot order <i>Liliales</i> ). <i>Molecular Phylogenetics and Evolution</i> , 2020, 148, 106818.  | 2.7 | 23        |
| 16 | <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         |
| 17 | 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         |
| 18 | Autophagy Activation by <i>Crepediastrum Denticulatum</i> Extract Attenuates Environmental Pollutant-Induced Damage in Dermal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2019, 20, 517.   | 4.1 | 10        |

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|----|---|-----|-----------|
| 19 | 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         |
| 20 | <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. <i>Nutrients</i> , 2019, 11, 1205.                           | 4.1 | 11        |
| 21 | The newly developed single nucleotide polymorphism (SNP) markers for a potentially medicinal plant, <i>Crepidiastrum denticulatum</i> (Asteraceae), inferred from complete chloroplast genome data. <i>Molecular Biology Reports</i> , 2019, 46, 3287-3297. | 2.3 | 11        |
| 22 | 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        |
| 23 | 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. <i>Nutrients</i> , 2019, 11, 546.                           | 4.1 | 9         |
| 24 | 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         |
| 25 | 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         |
| 26 | 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        |
| 27 | 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        |
| 28 | 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        |
| 29 | 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        |
| 30 | 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         |
| 31 | Molecular systematics and historical biogeography of <i>Maianthemum</i> s.s.. <i>American Journal of Botany</i> , 2017, 104, 939-952.   | 1.7 | 9         |
| 32 | Genomic clues to the parental origin of the wild flowering cherry <i>Prunus yedoensis</i> var. <i>nudiflora</i> (Rosaceae). <i>Plant Biotechnology Reports</i> , 2017, 11, 449-459.   | 1.5 | 14        |
| 33 | A Dynamic Tandem Repeat in Monocotyledons Inferred from a Comparative Analysis of Chloroplast Genomes in Melanthiaceae. <i>Frontiers in Plant Science</i> , 2017, 8, 693.   | 3.6 | 13        |
| 34 | 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         |
| 35 | The complete plastid genome sequence of <i>Bomarea edulis</i> (Alstroemeriaceae: Liliales). <i>Mitochondrial DNA</i> , 2016, 27, 1-2.   | 0.6 | 1         |
| 36 | Insight into infrageneric circumscription through complete chloroplast genome sequences of two <i>Trillium</i> species. <i>AoB PLANTS</i> , 2016, 8, plw015.  | 2.3 | 17        |

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|----|--|-----|-----------|
| 37 | Molecular phylogenetic relationships of Melanthiaceae (Liliales) based on plastid DNA sequences. Botanical Journal of the Linnean Society, 2016, 181, 567-584.   | 1.6 | 19        |
| 38 | The complete chloroplast genome sequence of <i>Lilium tsingtauense</i> Gilg (sect. Martagon). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7   | 0.4 | 8         |
| 39 | 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        |
| 40 | Complete plastid genome of <i>Astragalus mongholicus</i> var. <i>nakaianus</i> (Fabaceae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2838-2839.   | 0.7 | 6         |
| 41 | Phylogenetic Inferences and the Evolution of Plastid DNA in <i>Campynemataceae</i> and the Mycoheterotrophic <i>Corsia dispar</i> D.L Jones & B. Gray (Corsiaceae). Plant Molecular Biology Reporter, 2016, 34, 192-210.                                 | 1.8 | 7         |
| 42 | The complete plastid genome sequence of <i>Eustrephus latifolius</i> (Asparagaceae: Lomandroideae). Mitochondrial DNA, 2016, 27, 1549-1551.  | 0.6 | 5         |
| 43 | 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. PLoS ONE, 2015, 10, e0142215.                  | 2.5 | 131       |
| 44 | The complete chloroplast genome of colchicine plants ( <i>Colchicum autumnale</i> L. and <i>Gloriosa superba</i> ). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7   | 3.2 | 42        |
| 45 | The Largest Plastid Genome of Monocots: a Novel Genome Type Containing AT Residue Repeats in the Slipper Orchid <i>Cypripedium japonicum</i> . Plant Molecular Biology Reporter, 2015, 33, 1210-1220.  | 1.8 | 23        |
| 46 | Molecular Identification of <i>Reynoutria japonica</i> Houtt. and <i>R. sachalinensis</i> (F. Schmidt) Nakai Using SNP Sites. Korean Journal of Plant Resources, 2015, 28, 743-751.  | 0.2 | 2         |
| 47 | A <i>trnI</i> _CAU Triplication Event in the Complete Chloroplast Genome of <i>Paris verticillata</i> M.Bieb. (Melanthiaceae, Liliales). Genome Biology and Evolution, 2014, 6, 1699-1706.   | 2.5 | 26        |
| 48 | Undifferentiated Pleomorphic Sarcoma in Mandible. Maxillofacial Plastic and Reconstructive Surgery, 2014, 36, 303-307.   | 1.8 | 9         |
| 49 | Osteomyelitis in an Osteopathia Striata with Cranial Sclerosis Patient. Maxillofacial Plastic and Reconstructive Surgery, 2014, 36, 285-291.   | 1.8 | 1         |
| 50 | Complete Chloroplast Genome of <i>Chionographis japonica</i> (Willd.) Maxim. (Melanthiaceae): Comparative Genomics and Evaluation of Universal Primers for Liliales. Plant Molecular Biology Reporter, 2013, 31, 1407-1421.                              | 1.8 | 26        |
| 51 | Comparative genomics of four Liliales families inferred from the complete chloroplast genome sequence of <i>Veratrum patulum</i> O. Loes. (Melanthiaceae). Gene, 2013, 530, 229-235.   | 2.2 | 47        |
| 52 | 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> . Botanical Journal of the Linnean Society, 2013, 172, 5-21. | 1.6 | 50        |
| 53 | Molecular phylogenetic relationships and implications for the circumscription of Colchicaceae (Liliales). Botanical Journal of the Linnean Society, 2013, 172, 255-269.  | 1.6 | 10        |
| 54 | Networks in a Large-Scale Phylogenetic Analysis: Reconstructing Evolutionary History of Asparagales (Lilianaes) Based on Four Plastid Genes. PLoS ONE, 2013, 8, e59472.  | 2.5 | 58        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | 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> ). PLoS ONE, 2013, 8, e68180. | 2.5 | 39        |
| 56 | 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        |
| 57 | The phylogenetic relationships of Asparagales in Korea based on five plastid DNA regions. Journal of Plant Biology, 2012, 55, 325-341.   | 2.1 | 14        |
| 58 | Molecular phylogenetics of Ruscaceae sensu lato and related families (Asparagales) based on plastid and nuclear DNA sequences. Annals of Botany, 2010, 106, 775-790.   | 2.9 | 71        |
| 59 | Single-step separation of bioactive flavonol glucosides from <i>Osteomeles schwerinae</i> by high-speed counter-current chromatography. Journal of Separation Science, 2010, 33, 582-586.  | 2.5 | 24        |