# Jong-Wook Chung

List of Publications by Year
in descending order



| 66 | 1,297 | 331670 21 | 395702 33 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 67 | 67 | 67 | 1265 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Comparison of the antioxidant and anti-inflammatory activities of leaf extracts from grain amaranths (Amaranthus spp.). Journal of Plant Biotechnology, 2022, 49, 99-105. | 0.4 | 0 |
| 2 | Comparison of Antioxidant Activities in Agastache Species. Journal of the Korean Society of Food Science and Nutrition, 2022, 51, 389-394. | 0.9 | 0 |
| 3 | Complete Chloroplast Genome of the Inverted Repeat-Lacking Species Vicia bungei and Development of Polymorphic Simple Sequence Repeat Markers. Frontiers in Plant Science, 2022, 13, . | 3.6 | 5 |
| 4 | UPLC-ESI-Q-TOF-MS-Based Metabolite Profiling, Antioxidant and Anti-Inflammatory Properties of Different Organ Extracts of Abeliophyllum distichum. Antioxidants, 2021, 10, 70. | 5.1 | 15 |
| 5 | Development of CAPS Markers for Evaluation of Genetic Diversity and Population Structure in the Germplasm of Button Mushroom (Agaricus bisporus). Journal of Fungi (Basel, Switzerland), 2021, 7, 375. | 3.5 | 4 |
| 6 | Antioxidant Activity and Phytochemical Content of Nine Amaranthus Species. Agronomy, 2021, 11, 1032. | 3.0 | 14 |
| 7 | Evaluation of Genetic Diversity and Population Structure Analysis among Germplasm of Agaricus bisporus by SSR Markers. Mycobiology, 2021, 49, 376-384. | 1.7 | 2 |
| 8 | Evaluation of the Nutrient Composition, In Vitro Fermentation Characteristics, and In Situ Degradability of Amaranthus caudatus, Amaranthus cruentus, and Amaranthus hypochondriacus in Cattle. Animals, 2021, 11, 18. | 2.3 | 3 |
| 9 | Functional Analysis of a Novel ABL (Abnormal Browning Related to Light) Gene in Mycelial Brown Film Formation of Lentinula edodes. Journal of Fungi (Basel, Switzerland), 2020, 6, 272. | 3.5 | 6 |
| 10 | Complete Mitochondrial Genome and a Set of 10 Novel Kompetitive Allele-Specific PCR Markers in Ginseng (Panax ginseng C. A. Mey.). Agronomy, 2020, 10, 1868. | 3.0 | 10 |
| 11 | Establishment of a UPLC-PDA/ESI-Q-TOF/MS-Based Approach for the Simultaneous Analysis of Multiple Phenolic Compounds in Amaranth (A. cruentus and A. tricolor). Molecules, 2020, 25, 5674. | 3.8 | 6 |
| 12 | Phytochemicals and Antioxidant Activity of Korean Black Soybean (Glycine max L.) Landraces. Antioxidants, 2020, 9, 213. | 5.1 | 26 |
| 13 | Analysis of Genetic Diversity and Population Structure of Wild Strains and Cultivars Using Genomic SSR Markers inLentinula edodes. Mycobiology, 2020, 48, 115-121. | 1.7 | 6 |
| 14 | Molecular Characterization of 170 New gDNA-SSR Markers for Genetic Diversity in Button Mushroom (Agaricus bisporus). Mycobiology, 2019, 47, 527-532. | 1.7 | 7 |
| 15 | Development of genomic simple sequence repeat markers for Glycyrrhiza lepidota and cross-amplification of other  Glycyrrhiza species. PeerJ, 2019, 7, e7479. | 2.0 | 2 |
| 16 | Development of Polymorphic Simple Sequence Repeat Markers using High-Throughput Sequencing in Button Mushroom (Agaricus bisporus). Mycobiology, 2018, 46, 421-428. | 1.7 | 6 |
| 17 | Evaluation of Phytochemical econtents and antioxidant activity of Korean common bean (Phaseolus vulgaris L) landraces. Journal of the Korean Society of International Agriculture, 2018, 30, 357-369. | 0.4 | 1 |
| 18 | Comparison of flavonoid contents and antioxidant activities of Vicia species. Plant Genetic Resources: Characterisation and Utilisation, 2017, 15, 119-126. | 0.8 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Comparative efficacy of four candidate DNA barcode regions for identification of Vicia species. Plant Genetic Resources: Characterisation and Utilisation, 2017, 15, 286-295. | 0.8 | 10 |
| 20 | Phytochemical distribution and antioxidant activities of Korean adzuki bean (Vigna angularis) landraces. Journal of Crop Science and Biotechnology, 2017, 20, 205-212. | 1.5 | 10 |
| 21 | Photosynthesis, Metabolite Composition and Anatomical Structure of Oryza sativa and Two Wild Relatives, O. grandiglumis and O. alta. Rice Science, 2017, 24, 218-227. | 3.9 | 5 |
| 22 | The complete chloroplast genome sequence of Glycyrrhiza lepidota (Nutt.) Pursh - An American wild licorice. Journal of Crop Science and Biotechnology, 2017, 20, 295-303. | 1.5 | 10 |
| 23 | Development and Molecular Characterization of Novel Polymorphic Genomic DNA SSR Markers inLentinula edodes. Mycobiology, 2017, 45, 105-109. | 1.7 | 8 |
| 24 | Development of 44 Novel Polymorphic SSR Markers for Determination of Shiitake Mushroom (Lentinula edodes) Cultivars. Genes, 2017, 8, 109. | 2.4 | 21 |
| 25 | Genetic diversity and population structure of Chinese ginseng accessions using SSR markers. Journal of Plant Biotechnology, 2017, 44, 312-319. | 0.4 | 5 |
| 26 | Population Dynamics Among six Major Groups of the Oryza rufipogon Species Complex, Wild Relative of Cultivated Asian Rice. Rice, 2016, 9, 56. | 4.0 | 80 |
| 27 | Comparison of eating quality and seed storage protein among Korean rice landraces. Journal of Crop Science and Biotechnology, 2016, 19, 241-247. | 1.5 | 1 |
| 28 | The complete chloroplast genome of Capsicum frutescens (Solanaceae). Applications in Plant Sciences, 2016, 4, 1600002. | 2.1 | 15 |
| 29 | Complete chloroplast genome sequence of Capsicum baccatum var. baccatum. Molecular Breeding, 2016, 36, 1. | 2.1 | 8 |
| 30 | Anthocyanin and Isoflavone Contents in Korean Black Soybean Landraces and Their Antioxidant Activities. Plant Breeding and Biotechnology, 2016, 4, 441-452. | 0.9 | 23 |
| 31 | Transcriptome characterization and large-scale identification of SSR/SNPmarkers in symbiotic nitrogen fixation crop faba bean (Vicia faba L.). Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2015, 39, 459-469. | 2.1 | 4 |
| 32 | Transcriptome Analysis of Two Vicia sativa Subspecies: Mining Molecular Markers to Enhance Genomic Resources for Vetch Improvement. Genes, 2015, 6, 1164-1182. | 2.4 | 19 |
| 33 | Cross-Amplification of Vicia sativa subsp. sativa Microsatellites across 22 Other Vicia Species. Molecules, 2015, 20, 1543-1550. | 3.8 | 26 |
| 34 | Novel Microsatellite Markers Acquired from Rubus coreanus Miq. and Cross-Amplification in Other Rubus Species. Molecules, 2015, 20, 6432-6442. | 3.8 | 17 |
| 35 | The Complete Chloroplast Genome of Capsicum annuum var. glabriusculum Using Illumina Sequencing. Molecules, 2015, 20, 13080-13088. | 3.8 | 25 |
| 36 | De novo transcriptome assembly and the identification of gene-associated single-nucleotide polymorphism markers in Asian and American ginseng roots. Molecular Genetics and Genomics, 2015, 290, 1055-1065. | 2.1 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | The Complete Chloroplast Genome Sequence of Korean Landrace â€œSubichoâ€•Pepper (Capsicum) Tj ETQq1 1 0.784314 rgBT /Ove | 0.9 | 11 |
| 38 | Assessment of molecular genetic diversity and population structure of sesame (Sesamum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Resources: Characterisation and Utilisation, 2014, 12, 112-119. | 0.8 | 14 |
| 39 | Genetic assessment of safflower (<scp>C</scp>arthamus tinctorius <scp>L</scp>.) collection with microsatellite markers acquired via pyrosequencing method. Molecular Ecology Resources, 2014, 14, 69-78. | 4.8 | 37 |
| 40 | New cDNA-SSR markers in the narrow-leaved vetch (Vicia sativa subsp. nigra) using 454 pyrosequencing. Molecular Breeding, 2014, 33, 749-754. | 2.1 | 10 |
| 41 | Genetic Diversity and Population Structure of Korean Soybean Collection Using 75 Microsatellite Markers. Hang'uk Jakmul Hakhoe Chi, 2014, 59, 492-497. | 0.2 | 8 |
| 42 | Analysis of genetic diversity and population structure of 135 dill (Anethum graveolens L.) accessions using RAPD markers. Genetic Resources and Crop Evolution, 2013, 60, 893-903. | 1.6 | 9 |
| 43 | Association analysis of physicochemical traits on eating quality in rice (Oryza sativa L.). Euphytica, 2013, 191, 9-21. | 1.2 | 38 |
| 44 | Development and Molecular Characterization of 55 Novel Polymorphic cDNA-SSR Markers in Faba Bean (Vicia faba L.) Using 454 Pyrosequencing. Molecules, 2013, 18, 1844-1856. | 3.8 | 34 |
| 45 | Development of 65 Novel Polymorphic cDNA-SSR Markers in Common Vetch (Vicia sativa subsp. sativa) Using Next Generation Sequencing. Molecules, 2013, 18, 8376-8392. | 3.8 | 44 |
| 46 | Genetic Diversity and Phenetic Relationship of Dill (Anethum graveolens L.) by rps16-trnK DNA Sequences. Journal of Life Science, 2013, 23, 1305-1310. | 0.2 | 0 |
| 47 | Genetic diversity and population structure analysis of strawberry (Fragaria x ananassa Duch.) using SSR markers. Electronic Journal of Biotechnology, 2012, 15, . | 2.2 | 14 |
| 48 | Microsatellite variations and population structure in an on-farm collection of Japanese apricot (Prunus mume Sieb. et Zucc.). Biochemical Systematics and Ecology, 2012, 42, 99-112. | 1.3 | 5 |
| 49 | Transcriptome analysis and SNP/SSR marker information of red pepper variety YCM334 and Taean. Scientia Horticulturae, 2011, 129, 38-45. | 3.6 | 42 |
| 50 | Sequence Information on Simple Sequence Repeats and Single Nucleotide Polymorphisms through Transcriptome Analysis of Mungbean. Journal of Integrative Plant Biology, 2011, 53, 63-73. | 8.5 | 58 |
| 51 | Evaluation of the genetic diversity and population structure of sesame (Sesamum indicum L.) using microsatellite markers. Genes and Genomics, 2011, 33, 187-195. | 1.4 | 42 |
| 52 | Development and characterization of twenty-five new polymorphic microsatellite markers in proso millet (Panicum miliaceum L.). Genes and Genomics, 2010, 32, 267-273. | 1.4 | 57 |
| 53 | Development of peptide nucleic acid (PNA) microarray for identification of Panax species based on the nuclear ribosomal internal transcribed spacer (ITS) and 5.8S rDNA regions. Genes and Genomics, 2010, 32, 463-468. | 1.4 | 7 |
| 54 | Development of an allele-mining set in rice using a heuristic algorithm and SSR genotype data with least redundancy for the post-genomic era. Molecular Breeding, 2010, 26, 639-651. | 2.1 | 36 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Development of SSR markers to study diversity in the genus Cymbidium. Biochemical Systematics and Ecology, 2010, 38, 585-594. | 1.3 | 38 |
| 56 | Molecular genetic diversity and population structure in Lycium accessions using SSR markers. Comptes Rendus - Biologies, 2010, 333, 793-800. | 0.2 | 30 |
| 57 | Development of SNP-based CAPS and dCAPS markers in eight different genes involved in starch biosynthesis in rice. Molecular Breeding, 2009, 24, 93-101. | 2.1 | 22 |
| 58 | A study on relative abundance, composition and length variation of microsatellites in 18 underutilized crop species. Genetic Resources and Crop Evolution, 2009, 56, 237-246. | 1.6 | 14 |
| 59 | Analysis of genetic diversity and population structure of rice cultivars from Korea, China and Japan using SSR markers. Genes and Genomics, 2009, 31, 283-292. | 1.4 | 37 |
| 60 | Development of a Core Set from a Large Rice Collection using a Modified Heuristic Algorithm to Retain Maximum Diversity. Journal of Integrative Plant Biology, 2009, 51, 1116-1125. | 8.5 | 16 |
| 61 | Association Analysis of the Amino Acid Contents in Rice. Journal of Integrative Plant Biology, 2009, 51, 1126-1137. | 8.5 | 26 |
| 62 | Characterization of microsatellite loci developed for Amaranthus hypochondriacus and their cross-amplifications in wild species. Conservation Genetics, 2008, 9, 243-246. | 1.5 | 50 |
| 63 | Characterization of 30 new microsatellite markers, developed from enriched genomic DNA library of zoysiagrass Zoysia japonica Steud.. Molecular Ecology Notes, 2007, 7, 1323-1325. | 1.7 | 13 |
| 64 | Newly developed polymorphic microsatellite markers in Job's tears (Coix lacryma-jobi L.). Molecular Ecology Notes, 2006, 6, 689-691. | 1.7 | 4 |
| 65 | Characterization of new microsatellite markers in mung bean, Vigna radiata (L.). Molecular Ecology Notes, 2006, 6, 1132-1134. | 1.7 | 62 |
| 66 | Development of polymorphic microsatellite markers in sesame (Sesamum indicum L.). Molecular Ecology Notes, 2005, 5, 736-738. | 1.7 | 92 |