

# Mei Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

9,108  
citations

87888

38  
h-index

114465

63  
g-index

63  
all docs

63  
docs citations

63  
times ranked

10387  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Cryptic species and taxonomic troubles: a rebuttal of the systematic treatment of the Asian ladies' tresses orchids ( <i>Spiranthes</i> species; Orchidaceae) by Pace et al. (2019). <i>Botanical Journal of the Linnean Society</i> , 2020, 194, 375-381.             | 1.6 | 2         |
| 2  | Using an integrated approach to identify cryptic species, divergence patterns and hybrid species in Asian ladies' tresses orchids ( <i>Spiranthes</i> , Orchidaceae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 124, 106-121.                               | 2.7 | 20        |
| 3  | Genotypic diversity and environmental stability of starch physicochemical properties in the USDA rice mini-core collection. <i>Food Chemistry</i> , 2017, 221, 1186-1196.  | 8.2 | 14        |
| 4  | Association Analysis of Markers Derived from Starch Biosynthesis Related Genes with Starch Physicochemical Properties in the USDA Rice Mini-Core Collection. <i>Frontiers in Plant Science</i> , 2017, 8, 424.   | 3.6 | 19        |
| 5  | <i>Spiranthes himalayensis</i> (Orchidaceae, Orchidoideae) a new species from Asia. <i>PhytoKeys</i> , 2017, 89, 115-128.  | 1.0 | 8         |
| 6  | Comparative Analysis of the Pattern of Population Genetic Diversity in Three Indo-West Pacific <i>Rhizophora</i> Mangrove Species. <i>Frontiers in Plant Science</i> , 2016, 7, 1434.  | 3.6 | 45        |
| 7  | Association mapping of starch physicochemical properties with starch synthesis-related gene markers in nonwaxy rice ( <i>Oryza sativa</i> L.). <i>Molecular Breeding</i> , 2014, 34, 1747-1763.  | 2.1 | 60        |
| 8  | Phylogeographic pattern of <i>Rhizophora</i> (Rhizophoraceae) reveals the importance of both vicariance and long-distance oceanic dispersal to modern mangrove distribution. <i>BMC Evolutionary Biology</i> , 2014, 14, 83.   | 3.2 | 116       |
| 9  | On the systematic position of some Asian enigmatic genera of Asclepiadoideae (Apocynaceae). <i>Botanical Journal of the Linnean Society</i> , 2014, 174, 601-619.  | 1.6 | 16        |
| 10 | Association Mapping of Starch Physicochemical Properties with Starch Biosynthesizing Genes in Waxy Rice ( <i>Oryza sativa</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10110-10117.  | 5.2 | 37        |
| 11 | Nucleotide polymorphisms in OsAGP genes and their possible association with grain weight of rice. <i>Journal of Cereal Science</i> , 2012, 55, 312-317.  | 3.7 | 15        |
| 12 | Genetic diversity and population structure of a diverse set of rice germplasm for association mapping. <i>Theoretical and Applied Genetics</i> , 2010, 121, 475-487.   | 3.6 | 172       |
| 13 | Survey of antioxidant capacity and nutritional quality of selected edible and medicinal fruit plants in Hong Kong. <i>Journal of Food Composition and Analysis</i> , 2010, 23, 510-517.  | 3.9 | 50        |
| 14 | Antioxidant properties and principal phenolic phytochemicals of Indian medicinal plants from Asclepiadoideae and Periplocoideae. <i>Natural Product Research</i> , 2010, 24, 206-221.  | 1.8 | 44        |
| 15 | Molecular phylogeny of <i>Ceropegia</i> (Asclepiadoideae, Apocynaceae) from Indian Western Ghats. <i>Plant Systematics and Evolution</i> , 2009, 281, 51-63.   | 0.9 | 41        |
| 16 | Granule-bound SSIIa Protein Content and its Relationship with Amylopectin Structure and Gelatinization Temperature of Rice Starch. <i>Starch/Staerke</i> , 2009, 61, 431-437.  | 2.1 | 53        |
| 17 | Effect of phytochemical extracts on the pasting, thermal, and gelling properties of wheat starch. <i>Food Chemistry</i> , 2009, 112, 919-923.  | 8.2 | 153       |
| 18 | Comparison of Major Phenolic Constituents and in Vitro Antioxidant Activity of Diverse Kudingcha Genotypes from <i>Ilex kudingcha</i> , <i>Ilex cornuta</i> , and <i>Ligustrum robustum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6082-6089. | 5.2 | 72        |

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|----|--|------|-----------|
| 19 | Effect of Phenolic Compounds on the Pasting and Textural Properties of Wheat Starch. <i>Starch/Staerke</i> , 2008, 60, 609-616.  | 2.1  | 49        |
| 20 | Influence of <i>Amaranthus</i> Betacyanin Pigments on the Physical Properties and Color of Wheat Flours. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 8212-8217.  | 5.2  | 21        |
| 21 | Starch Physicochemical Properties and Their Associations with Microsatellite Alleles of Starch-Synthesizing Genes in a Rice RIL Population. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 1589-1594.   | 5.2  | 25        |
| 22 | Comparative Analysis of Bioactivities of Four <i>Polygonum</i> Species. <i>Planta Medica</i> , 2008, 74, 43-49.  | 1.3  | 50        |
| 23 | Analysis of genotypic diversity in starch thermal and retrogradation properties in nonwaxy rice. <i>Carbohydrate Polymers</i> , 2007, 67, 174-181.   | 10.2 | 36        |
| 24 | Systematic evaluation of natural phenolic antioxidants from 133 Indian medicinal plants. <i>Food Chemistry</i> , 2007, 102, 938-953.   | 8.2  | 481       |
| 25 | A Potential Antioxidant Resource: Endophytic Fungi from Medicinal Plants. <i>Economic Botany</i> , 2007, 61, 14-30.  | 1.7  | 196       |
| 26 | Endophytic fungi from <i>Nerium oleander</i> L (Apocynaceae): main constituents and antioxidant activity. <i>World Journal of Microbiology and Biotechnology</i> , 2007, 23, 1253-1263.  | 3.6  | 111       |
| 27 | Rapid Identification of Betacyanins from <i>Amaranthus tricolor</i> , <i>Gomphrena globosa</i> , and <i>Hylocereus polyrhizus</i> by Matrix-Assisted Laser Desorption/Ionization Quadrupole Ion Trap Time-of-Flight Mass Spectrometry (MALDI-QIT-TOF MS). <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 6520-6526. | 5.2  | 40        |
| 28 | Structure-radical scavenging activity relationships of phenolic compounds from traditional Chinese medicinal plants. <i>Life Sciences</i> , 2006, 78, 2872-2888.   | 4.3  | 676       |
| 29 | Analysis of Genotypic Diversity in the Starch Physicochemical Properties of Nonwaxy Rice: Apparent Amylose Content, Pasting Viscosity and Gel Texture. <i>Starch/Staerke</i> , 2006, 58, 259-267.  | 2.1  | 140       |
| 30 | Analysis of Genetic Diversity and Relationships in Waxy Rice ( <i>Oryza sativa</i> L.) using AFLP and ISSR Markers. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 323-330.   | 1.6  | 25        |
| 31 | Antioxidant Capacity of 26 Spice Extracts and Characterization of Their Phenolic Constituents. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 7749-7759.  | 5.2  | 1,066     |
| 32 | Characterization and application of betalain pigments from plants of the Amaranthaceae. <i>Trends in Food Science and Technology</i> , 2005, 16, 370-376.  | 15.1 | 192       |
| 33 | HPLC Characterization of Betalains from Plants in the Amaranthaceae. <i>Journal of Chromatographic Science</i> , 2005, 43, 454-460.  | 1.4  | 67        |
| 34 | Phenolic Antioxidants (Hydrolyzable Tannins, Flavonols, and Anthocyanins) Identified by LC-ESI-MS and MALDI-QIT-TOF MS from <i>Rosa chinensis</i> Flowers. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 9940-9948.  | 5.2  | 126       |
| 35 | Anthocyanins, Flavonols, and Free Radical Scavenging Activity of Chinese Bayberry ( <i>Myrica rubra</i> ) Extracts and Their Color Properties and Stability. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 2327-2332.  | 5.2  | 410       |
| 36 | Analysis of quantitative trait loci for some starch properties of rice ( <i>Oryza sativa</i> L.): thermal properties, gel texture and swelling volume. <i>Journal of Cereal Science</i> , 2004, 39, 379-385.   | 3.7  | 73        |

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|----|---|-----|-----------|
| 37 | Genetic diversity in the physicochemical properties of waxy rice ( <i>Oryza sativa</i> L) starch. <i>Journal of the Science of Food and Agriculture</i> , 2004, 84, 1299-1306.  | 3.5 | 44        |
| 38 | Antioxidant Phenolic Constituents in Roots of <i>Rheum officinale</i> and <i>Rubia cordifolia</i> : Structure-Radical Scavenging Activity Relationships. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 7884-7890.   | 5.2 | 143       |
| 39 | Antioxidant activity and phenolic compounds of 112 traditional Chinese medicinal plants associated with anticancer. <i>Life Sciences</i> , 2004, 74, 2157-2184.   | 4.3 | 2,045     |
| 40 | Hypoglycemic and hypolipidemic effects and antioxidant activity of fruit extracts from <i>Lycium barbarum</i> . <i>Life Sciences</i> , 2004, 76, 137-149.   | 4.3 | 393       |
| 41 | Antioxidant Activity of Betalains from Plants of the Amaranthaceae. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 2288-2294.  | 5.2 | 497       |
| 42 | Physicochemical properties of an elite rice hybrid. <i>Journal of the Science of Food and Agriculture</i> , 2002, 82, 1628-1636.  | 3.5 | 7         |
| 43 | Global distribution and genetic discontinuities of mangroves " emerging patterns in the evolution of <i>Rhizophora</i> . <i>Trees - Structure and Function</i> , 2002, 16, 65-79.   | 1.9 | 128       |
| 44 | Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 2002, 49, 541-550.   | 1.6 | 22        |
| 45 | Chemical Stability and Colorant Properties of Betaxanthin Pigments from <i>Celosia argentea</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 4429-4435.  | 5.2 | 80        |
| 46 | Identification and Distribution of Simple and Acylated Betacyanins in the Amaranthaceae. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 1971-1978.   | 5.2 | 119       |
| 47 | Quantitative Genetic Basis of Gelatinization Temperature of Rice. <i>Cereal Chemistry</i> , 2001, 78, 666-674.  | 2.2 | 6         |
| 48 | Comparative Analysis of Phylogenetic Relationships of Grain Amaranths and Their Wild Relatives ( <i>Amaranthus</i> ; Amaranthaceae) Using Internal Transcribed Spacer, Amplified Fragment Length Polymorphism, and Double-Primer Fluorescent Intersimple Sequence Repeat Markers. <i>Molecular Phylogenetics and Evolution</i> , 2001, 21, 372-387. | 2.7 | 126       |
| 49 | Population genetic structure of <i>Ceriops tagal</i> (Rhizophoraceae) in Thailand and China. <i>Wetlands Ecology and Management</i> , 2001, 9, 213-219.   | 1.5 | 51        |
| 50 | Field evaluation of an <i>Amaranthus</i> genetic resource collection in China. <i>Genetic Resources and Crop Evolution</i> , 2000, 47, 43-53.   | 1.6 | 37        |
| 51 | Fluorescein PAGE Analysis of Microsatellite-Primed PCR: A Fast and Efficient Approach for Genomic Fingerprinting. <i>BioTechniques</i> , 2000, 28, 1068-1072.   | 1.8 | 13        |
| 52 | Title is missing!. <i>Biotechnology Letters</i> , 1999, 13, 277-278.  | 0.5 | 28        |
| 53 | Low-Cot DNA sequences for fingerprinting analysis of germplasm diversity and relationships in <i>Amaranthus</i> . <i>Theoretical and Applied Genetics</i> , 1999, 99, 464-472.  | 3.6 | 23        |
| 54 | Mating system of yellow starthistle ( <i>Centaurea solstitialis</i> ), a successful colonizer in North America. <i>Heredity</i> , 1998, 80, 225-232.  | 2.6 | 127       |

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|----|--|-----|-----------|
| 55 | Characterization and Quantification of Betacyanin Pigments from Diverse <i>Amaranthus</i> Species. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 2063-2070.                          | 5.2 | 122       |
| 56 | Colorant Properties and Stability of <i>Amaranthus</i> Betacyanin Pigments. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 4491-4495.   | 5.2 | 107       |
| 57 | Reproductive biology and population genetic structure of <i>Kandelia candel</i> (Rhizophoraceae), a viviparous mangrove species. <i>American Journal of Botany</i> , 1998, 85, 1631-1637.            | 1.7 | 62        |
| 58 | Mating system of yellow starthistle ( <i>Centaurea solstitialis</i> ), a successful colonizer in North America. <i>Heredity</i> , 1998, 80, 225-232.   | 2.6 | 7         |
| 59 | Population genetic structure of yellow starthistle ( <i>Centaurea solstitialis</i> ), a colonizing weed in the western United States. <i>Canadian Journal of Botany</i> , 1997, 75, 1470-1478.       | 1.1 | 38        |
| 60 | Genetic diversity in three colonizing orchids with contrasting mating systems. <i>American Journal of Botany</i> , 1997, 84, 224-232.  | 1.7 | 40        |
| 61 | The allopolyploid origin of <i>Spiranthes hongkongensis</i> (Orchidaceae). <i>American Journal of Botany</i> , 1996, 83, 252-260.  | 1.7 | 39        |
| 62 | Effects of Population Size, Mating System, and Evolutionary Origin on Genetic Diversity in <i>Spiranthes sinensis</i> and <i>S. hongkongensis</i> . <i>Conservation Biology</i> , 1996, 10, 785-795. | 4.7 | 69        |
| 63 | The Allopolyploid Origin of <i>Spiranthes hongkongensis</i> (Orchidaceae). <i>American Journal of Botany</i> , 1996, 83, 252.  | 1.7 | 14        |