# Mei Sun

List of Publications by Year
in descending order



| 63 | 9,108 | 87888 | 114465 |
|---|---|---|---|
| papers | citations | 38 h-index | 63 g-index |

| 63 | 63 | 63 | 10387 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Antioxidant activity and phenolic compounds of 112 traditional Chinese medicinal plants associated with anticancer. Life Sciences, 2004, 74, 2157-2184. | 4.3 | 2,045 |
| 2 | Antioxidant Capacity of 26 Spice Extracts and Characterization of Their Phenolic Constituents. Journal of Agricultural and Food Chemistry, 2005, 53, 7749-7759. | 5.2 | 1,066 |
| 3 | Structureâ€“radical scavenging activity relationships of phenolic compounds from traditional Chinese medicinal plants. Life Sciences, 2006, 78, 2872-2888. | 4.3 | 676 |
| 4 | Antioxidant Activity of Betalains from Plants of the Amaranthaceae. Journal of Agricultural and Food Chemistry, 2003, 51, 2288-2294. | 5.2 | 497 |
| 5 | Systematic evaluation of natural phenolic antioxidants from 133 Indian medicinal plants. Food Chemistry, 2007, 102, 938-953. | 8.2 | 481 |
| 6 | Anthocyanins, Flavonols, and Free Radical Scavenging Activity of Chinese Bayberry (Myrica rubra) Extracts and Their Color Properties and Stability. Journal of Agricultural and Food Chemistry, 2005, 53, 2327-2332. | 5.2 | 410 |
| 7 | Hypoglycemic and hypolipidemic effects and antioxidant activity of fruit extracts from Lycium barbarum. Life Sciences, 2004, 76, 137-149. | 4.3 | 393 |
| 8 | A Potential Antioxidant Resource: Endophytic Fungi from Medicinal Plants. Economic Botany, 2007, 61, 14-30. | 1.7 | 196 |
| 9 | Characterization and application of betalain pigments from plants of the Amaranthaceae. Trends in Food Science and Technology, 2005, 16, 370-376. | 15.1 | 192 |
| 10 | Genetic diversity and population structure of a diverse set of rice germplasm for association mapping. Theoretical and Applied Genetics, 2010, 121, 475-487. | 3.6 | 172 |
| 11 | Effect of phytochemical extracts on the pasting, thermal, and gelling properties of wheat starch. Food Chemistry, 2009, 112, 919-923. | 8.2 | 153 |
| 12 | Antioxidant Phenolic Constituents in Roots ofRheum officinaleandRubia cordifolia:Â Structureâ^'Radical Scavenging Activity Relationships. Journal of Agricultural and Food Chemistry, 2004, 52, 7884-7890. | 5.2 | 143 |
| 13 | Analysis of Genotypic Diversity in the Starch Physicochemical Properties of Nonwaxy Rice: Apparent Amylose Content, Pasting Viscosity and Gel Texture. Starch/Staerke, 2006, 58, 259-267. | 2.1 | 140 |
| 14 | Global distribution and genetic discontinuities of mangroves â€“ emerging patterns in the evolution of Rhizophora. Trees - Structure and Function, 2002, 16, 65-79. | 1.9 | 128 |
| 15 | Mating system of yellow starthistle (Centaurea solstitialis), a successful colonizer in North America. Heredity, 1998, 80, 225-232. | 2.6 | 127 |
| 16 | Comparative Analysis of Phylogenetic Relationships of Grain Amaranths and Their Wild Relatives (Amaranthus; Amaranthaceae) Using Internal Transcribed Spacer, Amplified Fragment Length Polymorphism, and Double-Primer Fluorescent Intersimple Sequence Repeat Markers. Molecular Phylogenetics and Evolution, 2001, 21, 372-387. | 2.7 | 126 |
| 17 | Phenolic Antioxidants (Hydrolyzable Tannins, Flavonols, and Anthocyanins) Identified by LC-ESI-MS and MALDI-QIT-TOF MS fromRosa chinensisFlowers. Journal of Agricultural and Food Chemistry, 2005, 53, 9940-9948. | 5.2 | 126 |
| 18 | Characterization and Quantification of Betacyanin Pigments from DiverseAmaranthusSpecies. Journal of Agricultural and Food Chemistry, 1998, 46, 2063-2070. | 5.2 | 122 |

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|---|---|---|---|
| 19 | Identification and Distribution of Simple and Acylated Betacyanins in the Amaranthaceae. Journal of Agricultural and Food Chemistry, 2001, 49, 1971-1978. | 5.2 | 119 |
| 20 | Phylogeographic pattern of Rhizophora (Rhizophoraceae) reveals the importance of both vicariance and long-distance oceanic dispersal to modern mangrove distribution. BMC Evolutionary Biology, 2014, 14, 83. | 3.2 | 116 |
| 21 | Endophytic fungi from Nerium oleander L (Apocynaceae): main constituents and antioxidant activity. World Journal of Microbiology and Biotechnology, 2007, 23, 1253-1263. | 3.6 | 111 |
| 22 | Colorant Properties and Stability ofAmaranthusBetacyanin Pigments. Journal of Agricultural and Food Chemistry, 1998, 46, 4491-4495. | 5.2 | 107 |
| 23 | Chemical Stability and Colorant Properties of Betaxanthin Pigments fromCelosia argentea. Journal of Agricultural and Food Chemistry, 2001, 49, 4429-4435. | 5.2 | 80 |
| 24 | Analysis of quantitative trait loci for some starch properties of rice (Oryza sativa L.): thermal properties, gel texture and swelling volume. Journal of Cereal Science, 2004, 39, 379-385. | 3.7 | 73 |
| 25 | Comparison of Major Phenolic Constituents and in Vitro Antioxidant Activity of Diverse Kudingcha Genotypes from Ilex kudingcha, Ilex cornuta, and Ligustrum robustum. Journal of Agricultural and Food Chemistry, 2009, 57, 6082-6089. | 5.2 | 72 |
| 26 | Effects of Population Size, Mating System, and Evolutionary Origin on Genetic Diversity in Spiranthes sinensis and S. hongkongensis. Conservation Biology, 1996, 10, 785-795. | 4.7 | 69 |
| 27 | HPLC Characterization of Betalains from Plants in the Amaranthaceae. Journal of Chromatographic Science, 2005, 43, 454-460. | 1.4 | 67 |
| 28 | Reproductive biology and population genetic structure ofKandelia candel(Rhizophoraceae), a viviparous mangrove species. American Journal of Botany, 1998, 85, 1631-1637. | 1.7 | 62 |
| 29 | Association mapping of starch physicochemical properties with starch synthesis-related gene markers in nonwaxy rice (Oryza sativa L.). Molecular Breeding, 2014, 34, 1747-1763. | 2.1 | 60 |
| 30 | Granuleâ€bound SSIIa Protein Content and its Relationship with Amylopectin Structure and Gelatinization Temperature of Rice Starch. Starch/Staerke, 2009, 61, 431-437. | 2.1 | 53 |
| 31 | Population genetic structure of Ceriops tagal (Rhizophoraceae) in Thailand and China. Wetlands Ecology and Management, 2001, 9, 213-219. | 1.5 | 51 |
| 32 | Comparative Analysis of Bioactivities of Four Polygonum Species. Planta Medica, 2008, 74, 43-49. | 1.3 | 50 |
| 33 | Survey of antioxidant capacity and nutritional quality of selected edible and medicinal fruit plants in Hong Kong. Journal of Food Composition and Analysis, 2010, 23, 510-517. | 3.9 | 50 |
| 34 | Effect of Phenolic Compounds on the Pasting and Textural Properties of Wheat Starch. Starch/Staerke, 2008, 60, 609-616. | 2.1 | 49 |
| 35 | Comparative Analysis of the Pattern of Population Genetic Diversity in Three Indo-West Pacific Rhizophora Mangrove Species. Frontiers in Plant Science, 2016, 7, 1434. | 3.6 | 45 |
| 36 | Genetic diversity in the physicochemical properties of waxy rice(Oryza sativa L) starch. Journal of the Science of Food and Agriculture, 2004, 84, 1299-1306. | 3.5 | 44 |

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|---|---|---|---|
| 37 | Antioxidant properties and principal phenolic phytochemicals of Indian medicinal plants from Asclepiadoideae and Periplocoideae. Natural Product Research, 2010, 24, 206-221. | 1.8 | 44 |
| 38 | Molecular phylogeny of Ceropegia (Asclepiadoideae, Apocynaceae) from Indian Western Ghats. Plant Systematics and Evolution, 2009, 281, 51-63. | 0.9 | 41 |
| 39 | Genetic diversity in three colonizing orchids with contrasting mating systems. American Journal of Botany, 1997, 84, 224-232. | 1.7 | 40 |
| 40 | Rapid Identification of Betacyanins fromAmaranthus tricolor,Gomphrena globosa, andHylocereus polyrhizusby Matrix-Assisted Laser Desorption/Ionization Quadrupole Ion Trap Time-of-Flight Mass Spectrometry (MALDI-QIT-TOF MS). Journal of Agricultural and Food Chemistry, 2006, 54, 6520-6526. | 5.2 | 40 |
| 41 | The allopolyploid origin of Spiranthes hongkongensis (Orchidaceae). American Journal of Botany, 1996, 83, 252-260. | 1.7 | 39 |
| 42 | Population genetic structure of yellow starthistle (Centaurea solstitialis), a colonizing weed in the western United States. Canadian Journal of Botany, 1997, 75, 1470-1478. | 1.1 | 38 |
| 43 | Field evaluation of an Amaranthus genetic resource collection in China. Genetic Resources and Crop Evolution, 2000, 47, 43-53. | 1.6 | 37 |
| 44 | Association Mapping of Starch Physicochemical Properties with Starch Biosynthesizing Genes in Waxy Rice (Oryza sativa L.). Journal of Agricultural and Food Chemistry, 2013, 61, 10110-10117. | 5.2 | 37 |
| 45 | Analysis of genotypic diversity in starch thermal and retrogradation properties in nonwaxy rice. Carbohydrate Polymers, 2007, 67, 174-181. | 10.2 | 36 |
| 46 | Title is missing!. Biotechnology Letters, 1999, 13, 277-278. | 0.5 | 28 |
| 47 | Analysis of Genetic Diversity and Relationships in Waxy Rice (Oryza sativa L.) using AFLP and ISSR Markers. Genetic Resources and Crop Evolution, 2006, 53, 323-330. | 1.6 | 25 |
| 48 | Starch Physicochemical Properties and Their Associations with Microsatellite Alleles of Starch-Synthesizing Genes in a Rice RIL Population. Journal of Agricultural and Food Chemistry, 2008, 56, 1589-1594. | 5.2 | 25 |
| 49 | Low-Cot DNA sequences for fingerprinting analysis of germplasm diversity and relationships in Amaranthus. Theoretical and Applied Genetics, 1999, 99, 464-472. | 3.6 | 23 |
| 50 | Title is missing!. Genetic Resources and Crop Evolution, 2002, 49, 541-550. | 1.6 | 22 |
| 51 | Influence of Amaranthus Betacyanin Pigments on the Physical Properties and Color of Wheat Flours. Journal of Agricultural and Food Chemistry, 2008, 56, 8212-8217. | 5.2 | 21 |
| 52 | Using an integrated approach to identify cryptic species, divergence patterns and hybrid species in Asian ladiesâ€™ tresses orchids (Spiranthes, Orchidaceae). Molecular Phylogenetics and Evolution, 2018, 124, 106-121. | 2.7 | 20 |
| 53 | Association Analysis of Markers Derived from Starch Biosynthesis Related Genes with Starch Physicochemical Properties in the USDA Rice Mini-Core Collection. Frontiers in Plant Science, 2017, 8, 424. | 3.6 | 19 |
| 54 | On the systematic position of some Asian enigmatic genera of Asclepiadoideae (Apocynaceae). Botanical Journal of the Linnean Society, 2014, 174, 601-619. | 1.6 | 16 |

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| 55 | Nucleotide polymorphisms in OsAGP genes and their possible association with grain weight of rice. Journal of Cereal Science, 2012, 55, 312-317. | 3.7 | 15 |
| 56 | Genotypic diversity and environmental stability of starch physicochemical properties in the USDA rice mini-core collection. Food Chemistry, 2017, 221, 1186-1196. | 8.2 | 14 |
| 57 | The Allopolyploid Origin of Spiranthes hongkongensis (Orchidaceae). American Journal of Botany, 1996, 83, 252. | 1.7 | 14 |
| 58 | Fluorescein PAGE Analysis of Microsatellite-Primed PCR: A Fast and Efficient Approach for Genomic Fingerprinting. BioTechniques, 2000, 28, 1068-1072. | 1.8 | 13 |
| 59 | Spiranthes himalayensis (Orchidaceae, Orchidoideae) a new species from Asia. PhytoKeys, 2017, 89, 115-128. | 1.0 | 8 |
| 60 | Physicochemical properties of an elite rice hybrid. Journal of the Science of Food and Agriculture, 2002, 82, 1628-1636. | 3.5 | 7 |
| 61 | Mating system of yellow starthistle (Centaurea solstitialis), a successful colonizer in North America. Heredity, 1998, 80, 225-232. | 2.6 | 7 |
| 62 | Quantitative Genetic Basis of Gelatinization Temperature of Rice. Cereal Chemistry, 2001, 78, 666-674. | 2.2 | 6 |
| 63 | Cryptic species and taxonomic troubles: a rebuttal of the systematic treatment of the Asian ladiesâ€™ tresses orchids (Spiranthes species; Orchidaceae) by Pace et al. (2019). Botanical Journal of the Linnean Society, 2020, 194, 375-381. | 1.6 | 2 |