

- Jayasinghe S., and Kumar L., 2021, Potential impact of the current and future climate on the yield, quality, and climate suitability for tea [*Camellia sinensis* (L.) O. Kuntze]: a systematic review, *Agronomy*, 11: 619.
<https://doi.org/10.3390/agronomy11040619>
- Jiang L., Xie S., Zhou C., Tian C., Zhu C., You X., Chen C., Lai Z., and Guo Y., 2023, Analysis of the genetic diversity in tea plant germplasm in Fujian Province based on restriction site-associated DNA sequencing, *Plants*, 13(1): 100.
<https://doi.org/10.3390/plants13010100>
- Jibola-Shittu M., Heng Z., Keyhani N., Dang Y., Chen R., Liu S., Lin Y., Lai P., Chen J., Yang C., Zhang W., Lv H., Wu Z., Huang S., Cao P., Tian L., Qiu Z., Zhang X., Guan X., and Qiu J., 2024, Understanding and exploring the diversity of soil microorganisms in tea (*Camellia sinensis*) gardens: toward sustainable tea production, *Frontiers in Microbiology*, 15: 1379879.
<https://doi.org/10.3389/fmicb.2024.1379879>
- Jiroutova P., and Sedláček J., 2020, Cryobiotechnology of plants: a hot topic not only for gene banks, *Applied Sciences*, 10(13): 4677.
<https://doi.org/10.3390/app10134677>
- Lei Y., Yang L., Duan S., Ning S., Li D., Wang Z., Xiang G., Yang L., Wang C., Zhang S., Zhang S., Ye S., Kui L., Singh P., Sheng J., and Dong Y., 2022, Whole-genome resequencing reveals the origin of tea in Lincang, *Frontiers in Plant Science*, 13: 984422.
<https://doi.org/10.3389/fpls.2022.984422>
- Long C., Li H., Ouyang Z., Yang X., Li Q., and Trangmar B., 2003, Strategies for agrobiodiversity conservation and promotion: a case from Yunnan, China, *Biodiversity & Conservation*, 12: 1145-1156.
<https://doi.org/10.1023/A:1023085922265>
- Lu L., Chen H., Wang X., Zhao Y., Yao X., Xiong B., Deng Y., and Zhao D., 2021, Genome-level diversification of eight ancient tea populations in the Guizhou and Yunnan regions identifies candidate genes for core agronomic traits, *Horticulture Research*, 8: 190.
<https://doi.org/10.1038/s41438-021-00617-9>
- Lubanga N., Massawe F., Mayes S., Gorjanc G., and Bančić J., 2022, Genomic selection strategies to increase genetic gain in tea breeding programs, *The Plant Genome*, 16(1): e20282.
<https://doi.org/10.1002/tpg2.20282>
- Meegahakumbura M., Wambulwa M., Thapa K., Li M., Li M., Möller M., Xu J., Yang J., Liu B., Ranjitkar S., Liu J., Li D., Li D., and Gao L., 2016, Indications for three independent domestication events for the tea plant (*Camellia sinensis* (L.) O. Kuntze) and new insights into the origin of tea germplasm in China and India revealed by nuclear microsatellites, *PLOS ONE*, 11(5): e0155369.
<https://doi.org/10.1371/journal.pone.0155369>
- Muoki C., Maritim T., Oluoch W., Kamunya S., and Bore J., 2020, Combating climate change in the Kenyan tea industry, *Frontiers in Plant Science*, 11: 339.
<https://doi.org/10.3389/fpls.2020.00339>
- Niazian M., 2019, Application of genetics and biotechnology for improving medicinal plants, *Planta*, 249: 953-973.
<https://doi.org/10.1007/s00425-019-03099-1>
- Niu S., Song Q., Koiwa H., Qiao D., Zhao D., Chen Z., Liu X., and Wen X., 2019, Genetic diversity, linkage disequilibrium, and population structure analysis of the tea plant (*Camellia sinensis*) from an origin center, Guizhou plateau, using genome-wide SNPs developed by genotyping-by-sequencing, *BMC Plant Biology*, 19(1): 328.
<https://doi.org/10.1186/s12870-019-1917-5>
- Pandey A., Sinniah G., Babu A., and Tanti A., 2021, How the global tea industry copes up with fungal diseases—challenges and opportunities, *Plant Disease*, 105(7): 1868-1879.
<https://doi.org/10.1094/PDIS-09-20-1945-FE>
- Pang D., Liu Y., Sun Y., Tian Y., and Chen L., 2021, *Menghai Huangye*, a novel albino tea germplasm with high theanine content and a high catechin index, *Plant Science*, 311: 110997.
<https://doi.org/10.1016/j.plantsci.2021.110997>
- Pence V., Ballesteros D., Walters C., Reed B., Philpott M., Dixon K., Pritchard H., Culley T., and Vanhove A., 2020, Cryobiotechnologies: tools for expanding long-term ex situ conservation to all plant species, *Biological Conservation*, 250: 108736.
<https://doi.org/10.1016/j.biocon.2020.108736>
- Pritchard H., Moat J., Ferraz J., Marks T., Camargo J., Nadarajan J., and Ferraz I., 2014, Innovative approaches to the preservation of forest trees, *Forest Ecology and Management*, 333: 88-98.
<https://doi.org/10.1016/j.foreco.2014.08.012>
- Raven P., and Havens K., 2014, Ex situ plant conservation and cryopreservation: breakthroughs in tropical plant conservation, *International Journal of Plant Sciences*, 175: 1-2.
<https://doi.org/10.1086/674030>
- Tibpromma S., Dong Y., Ranjitkar S., Schaefer D., Karunarathna S., Hyde K., Jayawardena R., Manawasinghe I., Bebbler D., Promputtha I., Xu J., Mortimer P., and Sheng J., 2021, Climate–fungal pathogen modeling predicts loss of up to one-third of tea growing areas, *Frontiers in Cellular and Infection Microbiology*, 11: 610567.
<https://doi.org/10.3389/fcimb.2021.610567>
- Wang M., Bi W., Shukla M., Ren L., Hamborg Z., Blystad D., Saxena P., and Wang Q., 2021, Epigenetic and genetic integrity, metabolic stability, and field performance of cryopreserved plants, *Plants*, 10(9): 1889.
<https://doi.org/10.3390/plants10091889>