

- Li R., Wang H., Gao Y., Wang H., Yuan Y., Yang Q., Song H., Gao F., Chen H., and Feng B., 2025, Deciphering salt stress adaptation in octoploid broomcorn millet (*Panicum miliaceum* L.): For sustainable agricultural development in saline-alkaline soils, *Journal of Environmental Management*, 387: 125713.  
<https://doi.org/10.1016/j.jenvman.2025.125713>
- Liu C., Wang X., Li X., Yang Z., Dang K., Gong X., and Feng B., 2024, Effects of intercropping on rhizosphere microbial community structure and nutrient limitation in proso millet/mung bean intercropping system, *European Journal of Soil Biology*, 122: 103646.  
<https://doi.org/10.1016/j.ejsobi.2024.103646>
- Liu M.X., Zhang Z.W., Wu B., and Lu P., 2012, Evaluation of mixed salt-tolerance at germination stage and seedling stage and the related physiological characteristics of *Panicum miliaceum* L., *Scientia Agricultura Sinica*, 45(18): 3733-3743.
- Ma L., Liu X., Lv W., and Yang Y., 2022, Molecular mechanisms of plant responses to salt stress, *Frontiers in Plant Science*, 13: 934877.  
<https://doi.org/10.3389/fpls.2022.934877>
- Ma Q., Wang H., Wu E., Zhang H., Feng Y., and Feng B., 2023b, Widely targeted metabolomic analysis revealed the effects of alkaline stress on nonvolatile and volatile metabolites in broomcorn millet grains, *Food Research International*, 171: 113066.  
<https://doi.org/10.1016/j.foodres.2023.113066>
- Ma Q., Wu C., Liang S., Yuan Y., Liu C., Liu J., and Feng B., 2021, The alkali tolerance of broomcorn millet (*Panicum miliaceum* L.) at the germination and seedling stage: The case of 296 broomcorn millet genotypes, *Frontiers in Plant Science*, 12: 711429.  
<https://doi.org/10.3389/fpls.2021.711429>
- Ma Q., Wu E., Wang H., Feng Y., Zhao L., and Feng B., 2023a, Comparative transcriptomic and metabolomic study reveal that exogenous 24-epiandrosterone mitigate alkaline stress in broomcorn millet (*Panicum miliaceum* L.) via regulating photosynthesis and antioxidant capacity, *GCB Bioenergy*, 15(4): 494-507.  
<https://doi.org/10.1111/gcbb.13032>
- Mittler R., Zandalinas S.I., Fichman Y., and Van Breusegem F., 2022, Reactive oxygen species signalling in plant stress responses, *Nature Reviews Molecular Cell Biology*, 23(10): 663-679.  
<https://doi.org/10.1038/s41580-022-00499-2>
- Mudnakudu-Nagaraju K.K., Mohanan M.M., Vijayakumar A., Bang-Berthelsen C.H., and Shetty R., 2025, Millets: Journey from an ancient crop to sustainable and healthy food, *Foods*, 14(10): 1733.  
<https://doi.org/10.3390/foods14101733>
- Mukhopadhyay R., Sarkar B., Jat H.S., Sharma P.C., and Bolan N.S., 2021, Soil salinity under climate change: Challenges for sustainable agriculture and food security, *Journal of Environmental Management*, 280: 111736.  
<https://doi.org/10.1016/j.jenvman.2020.111736>
- Nandini C., Joshi D.C., Mani V., Nandini B., Kumar B.N., and Meenakshi J., 2025, Proso millet (*Panicum miliaceum*): The prodigious millet for diverse uses, In *Fasting Superfoods: Cultivation, Nutrition & Market Potential*, Springer Nature Singapore, Singapore, pp. 155-183.  
[https://doi.org/10.1007/978-981-95-2762-5\\_8](https://doi.org/10.1007/978-981-95-2762-5_8)
- Negacz K., Malek Ž., de Vos A., and Vellinga P., 2022, Saline soils worldwide: Identifying the most promising areas for saline agriculture, *Journal of Arid Environments*, 203: 104775.  
<https://doi.org/10.1016/j.jaridenv.2022.104775>
- Nielsen D.C., and Vigil M.F., 2017, Water use and environmental parameters influence proso millet yield, *Field Crops Research*, 212: 34-44.  
<https://doi.org/10.1016/j.fcr.2017.06.025>
- Northern T.R., Kleiner M., Torres M., Kovács Á.T., Nicolaisen M.H., Krzyżanowska D.M., Sharma S., Lund G., Jelsbak L., Baars O., Kindtler N.L., Wippel K., Dinesen C., Ferrarezi J.A., Marian M., Pioppi A., Xu X., Andersen T., Geldner N., Schulze-Lefert P., Vorholt J.A., and Garrido-Oter R., 2024, Community standards and future opportunities for synthetic communities in plant-microbiota research, *Nature Microbiology*, 9(11): 2774-2784.  
<https://doi.org/10.1038/s41564-024-01833-4>
- Pavithra T., and Rawat S., 2024, Proso millet: Biology, functional potential and sustainable utilization: Minor millets, In *Millets: The Multi-Cereal Paradigm for Food Sustainability*, Springer Nature Switzerland, Cham, pp. 161-176.  
[https://doi.org/10.1007/978-3-031-64237-1\\_11](https://doi.org/10.1007/978-3-031-64237-1_11)
- Radhakrishnan N., and Krishnasamy C., 2024, Isolation and characterization of salt-stress-tolerant rhizosphere soil bacteria and their effects on plant growth-promoting properties, *Scientific Reports*, 14(1): 24909.  
<https://doi.org/10.1038/s41598-024-75022-y>
- Ravichandran A., Nallusamy S., Selvamani S.B., and Sowdhamini R., 2025, Uncovering the transcription factors and metabolic pathways unique to proso millet and foxtail millet under salt stress through a comparative transcriptome approach, *Discover Plants*, 2(1): 159.  
<https://doi.org/10.1007/s44372-025-00237-w>
- Sharma A., Ceasar S.A., Pandey H., Devadas V.S., Kesavan A.K., Heisnam P., Vashishth A., Misra V., and Mall A.K., 2025, Millets: Nutrient-rich and climate-resilient crops for sustainable agriculture and diverse culinary applications, *Journal of Food Composition and Analysis*, 137: 106984.  
<https://doi.org/10.1016/j.jfca.2024.106984>
- Shen J., Wang M., and Wang E., 2024, Exploitation of the microbiome for crop breeding, *Nature Plants*, 10(4): 533-534.  
<https://doi.org/10.1038/s41477-024-01657-4>
- Shi S., Bastias D.A., Wang H., Faville M., and O'Callaghan M., 2026, A roadmap for plant-microbiome breeding to enhance plant stress tolerance, *Trends in Microbiology*.  
<https://doi.org/10.1016/j.tim.2026.02.012>