

- Song P., Liu J., Huang P., Han Z., Wang D.L., and Sun N., 2023, Diversity and structural analysis of rhizosphere soil microbial communities in wild and cultivated *Rhizoma Atractylodis Macrocephalae* and their effects on the accumulation of active components, *PeerJ*, 11: e14841.
<https://doi.org/10.7717/peerj.14841>
- Su Y., Ren Y., Wang G., Li J., Zhang H., Yang Y., Pang X., and Han J., 2025, Microalgae and microbial inoculant as partial substitutes for chemical fertilizer enhance *Polygala tenuifolia* yield and quality by improving soil microorganisms, *Frontiers in Plant Science*, 15: 1499966.
<https://doi.org/10.3389/fpls.2024.1499966>
- Sun J., Luo H., Jiang Y., Wang L., Xiao C., and Weng L., 2022, Influence of nutrient (NPK) factors on growth, and pharmacodynamic component biosynthesis of *Atractylodes chinensis*: an insight on acetyl-CoA carboxylase (ACC), 3-hydroxy-3-methylglutaryl-CoA reductase (HMGR), and farnesyl pyrophosphate synthase (FPPS) signaling responses, *Frontiers in Plant Science*, 13: 799201.
<https://doi.org/10.3389/fpls.2022.799201>
- Tang Q., Cotton A., Wei Z., Xia Y., Daniell T., and Yan X., 2022, How does partial substitution of chemical fertiliser with organic forms increase sustainability of agricultural production?, *Science of the Total Environment*, 803: 149933.
<https://doi.org/10.1016/j.scitotenv.2021.149933>
- Tang X., Zhang Y., Meng P., Yuan Y., Li C., Zhi X., and Wang C., 2025, The impact of nitrogen and phosphorus interaction on growth, nutrient absorption, and signal regulation in woody plants, *Biology*, 14(5): 490.
<https://doi.org/10.3390/biology14050490>
- Wang G., Ren Y., Bai X., Su Y., and Han J., 2022, Contributions of beneficial microorganisms in soil remediation and quality improvement of medicinal plants, *Plants*, 11(23): 3200.
<https://doi.org/10.3390/plants11233200>
- Wang H., Guo R., Xu J., Yang T., Wang M., Zhang L., Jiang L., Gao Y., Guo J., Shi L., Gao Y., Sun M., and Zhang T., 2025, Organic fertilizer enhances crop yield and soil health by increasing arbuscular mycorrhizal fungi species richness, *Functional Ecology*, 39: 3210-3224.
<https://doi.org/10.1111/1365-2435.70151>
- Wei Z., Hoffland E., Zhuang M., Hellegers P., and Cui Z., 2021, Organic inputs to reduce nitrogen export via leaching and runoff: a global meta-analysis, *Environmental Pollution*, 291: 118176.
<https://doi.org/10.1016/j.envpol.2021.118176>
- Xing Y., and Wang X., 2024, Precise application of water and fertilizer to crops: challenges and opportunities, *Frontiers in Plant Science*, 15: 1444560.
<https://doi.org/10.3389/fpls.2024.1444560>
- Xing Y., Xie Y., and Wang X., 2025, Enhancing soil health through balanced fertilization: a pathway to sustainable agriculture and food security, *Frontiers in Microbiology*, 16: 1536524.
<https://doi.org/10.3389/fmicb.2025.1536524>
- Xu R., Zhang W., Chen S., Song S., Dong J., Yang Z., and Ma Y., 2025, Integrated transcriptomic and metabolomic analyses reveal the mechanisms underlying bio-organic fertilizer-mediated growth and nutrient enhancement in *Schisandra chinensis* (Turcz.) Baill, *Frontiers in Plant Science*, 16: 1662470.
<https://doi.org/10.3389/fpls.2025.1662470>
- Yu Y., Fu D., Zhou H., Su J., Chen S., and Lv G., 2023, Potential application of *Atractylodes macrocephala* Koidz. as a natural drug for bone mass regulation: a review, *Journal of Ethnopharmacology*, 315: 116718.
<https://doi.org/10.1016/j.jep.2023.116718>
- Yu Z., Guo B., Sun T., Li R., Zhao Z., and Yao L., 2025, Effects of organic fertilizer substitution for mineral fertilizer on soil fertility, yield, and quality of muskmelons, *Agronomy*, 15(3): 639.
<https://doi.org/10.3390/agronomy15030639>
- Yuan S., Li R.N., Zhang Y., Luan H.A., Tang J.W., Wang L., Ji H., and Huang S., 2024, Effects of long-term partial substitution of inorganic fertilizer with pig manure and/or straw on nitrogen fractions and microbiological properties in greenhouse vegetable soils, *Journal of Integrative Agriculture*, 23(6): 2083-2098.
<https://doi.org/10.1016/j.jia.2024.02.017>
- Zhang C.C., Wang S., Li Q., Zhang Y., He Y., Yan B., Zhou L., and Guo L., 2025, Metabolomic profiling and chemical marker identification in medicinal plants of *Atractylodes*, *Science of Traditional Chinese Medicine*, 3(1): 87-95.
<https://doi.org/10.1097/ST9.0000000000000059>
- Zhang J., Liu Q., Chen J., Zhou Y., Zhang B., Yuan Z., Li P., and Pang Z., 2026, Moderate organic-inorganic fertilization optimizes soybean productivity by reshaping rhizosphere microbiome-metabolite networks, *Frontiers in Plant Science*, 17: 1823609.
<https://doi.org/10.3389/fpls.2026.1823609>
- Zhang J., Nie J., Cao W., Gao Y.J., Lu Y.H., and Liao Y., 2023, Long-term green manuring to substitute partial chemical fertilizer simultaneously improving crop productivity and soil quality in a double-rice cropping system, *European Journal of Agronomy*, 142: 126641.
<https://doi.org/10.1016/j.eja.2022.126641>
- Zhao Y., Bian Q., Dong Z., Rao X., Wang Z., Fu Y., and Chen B., 2025, The input of organic fertilizer can improve soil physicochemical properties and increase cotton yield in southern Xinjiang, *Frontiers in Plant Science*, 15: 1520272.
<https://doi.org/10.3389/fpls.2024.1520272>
- Zhou J., 2023, The effects of organic fertilizer on loss risk of nitrogen and phosphorus in paddy ponded water, *Environmental Science and Pollution Research*, 30(19): 55529-55540.
<https://doi.org/10.1007/s11356-023-26296-8>