

- Lestari N.P., Sudarmiatin S., and Hermawan A., 2026, Global value chain and the competitiveness of SMEs: a case study of herbal medicine businesses in Batu City, Asian Journal of Economics, Business and Accounting, 26(4): 108-118.
<https://doi.org/10.9734/ajeaba/2026/v26i42225>
- Li M., Xie B.Z., Li L., Zhang Y., Chen Q., Ju J., and Ma Y.L., 2024, A comprehensive review on the potential applications of medicine *Polygonatum* species in the food sector, Food Bioscience, 60: 104116.
<https://doi.org/10.1016/j.fbio.2024.104116>
- Li X.L., Ma R.H., Zhang F., Ni Z.J., Thakur K., Wang S., Zhang J.G., and Wei Z.J., 2023, Evolutionary research trend of *Polygonatum* species: a comprehensive account of their transformation from traditional medicines to functional foods, Critical Reviews in Food Science and Nutrition, 63(19): 3803-3820.
<https://doi.org/10.1080/10408398.2021.1993783>
- Liang Y.F., Yi J.N., Wang K.C., Xue Q., and Sui L., 2019, Response of growth and photosynthetic characteristics of *Polygonatum cyrtoneura* to shading conditions, Zhongguo Zhong Yao Za Zhi, 44(1): 59-67.
<https://doi.org/10.19540/j.cnki.cjcmm.20181106.010>
- Liao S., Fan Z., Huang X., Ma Y., Huang F., Guo Y., Chen T., Wang P., Chen Z., Yang M., Yang T., Xie J., Si J., and Liu J., 2023, Variations in the morphological and chemical composition of the rhizomes of *Polygonatum* species based on a common garden experiment, Food Chemistry: X, 17: 100585.
<https://doi.org/10.1016/j.fochx.2023.100585>
- Liu R.L., Zhang X.L., Cai Y.H., Xu S., Xu Q., Ling C.L., Li X., Li W., Liu P., and Liu W., 2024, Research progress on medicinal components and pharmacological activities of *Polygonatum sibiricum*, Journal of Ethnopharmacology, 328: 118024.
<https://doi.org/10.1016/j.jep.2024.118024>
- Liu Z.G., Zhang W., and Wang B., 2025, Discrimination of *Polygonatum* species via polysaccharide fingerprinting: integrating their chemometrics, antioxidant activity, and potential as functional foods, Foods, 14(13): 2385.
<https://doi.org/10.3390/foods14132385>
- Mansoor S., Iqbal S., Popescu S.M., Kim S.L., Chung Y.S., and Baek J.H., 2025, Integration of smart sensors and IoT in precision agriculture: trends, challenges and future perspectives, Frontiers in Plant Science, 16: 1587869.
<https://doi.org/10.3389/fpls.2025.1587869>
- Miller T., Mikiciuk G., Durlík I., Mikiciuk M., Łobodzińska A., and Śnieg M., 2025, The IoT and AI in agriculture: the time is now-a systematic review of smart sensing technologies, Sensors, 25(12): 3583.
<https://doi.org/10.3390/s25123583>
- Palash S., Amin R., Ali Y., and Sabur S., 2021, Medicinal plant business in Bangladesh: exploring the performance of supply chain actors, Journal of Agriculture and Food Research, 6: 100230.
<https://doi.org/10.1016/j.jafr.2021.100230>
- Peng F., Li C., Liu H., Chen G.F., Zhang B., and Li H., 2025, Quality assessment of *Polygonatum cyrtoneura* Hua from multiple origins and cultivation modes via UPLC-Q-Exactive-MS/MS-based untargeted metabolomics, Food Bioscience, 68: 106713.
<https://doi.org/10.1016/j.fbio.2025.106713>
- Shi J., Chen P., Zhu M., Chen H., Si J., and Wu L., 2025, Adaptation of *Polygonatum* genotypes to the areas of transplantation greatly influences the rhizospheric microbial community, Plant and Soil, 510: 183-203.
<https://doi.org/10.1007/s11104-024-06913-2>
- Shu Q., Liao B., Zhu Z., Cheng L., Li C., Yang J., Wang C., Li X., and Duan B., 2026, Botany, traditional uses, phytochemistry, pharmacology, toxicology, and applications of the genus *Polygonatum*: a comprehensive update review, Journal of Ethnopharmacology, 368: 121773.
<https://doi.org/10.1016/j.jep.2026.121773>
- Sishodia R., Ray R.L., and Singh S.K., 2020, Applications of remote sensing in precision agriculture: a review, Remote Sensing, 12(19): 3136.
<https://doi.org/10.3390/rs12193136>
- Spina D., Barbieri C., Carbone R., Hamam M., D'Amico M., and Di Vita G., 2023, Market trends of medicinal and aromatic plants in Italy: future scenarios based on the delphi method, Agronomy, 13(7): 1703.
<https://doi.org/10.3390/agronomy13071703>
- Taghouti I., Cristóbal R., Brenko A., Stara K., Markos N., Chapelet B., Hamrouni L., Buršić D., and Bonet J., 2022, The market evolution of medicinal and aromatic plants: a global supply chain analysis and an application of the Delphi method in the Mediterranean area, Forests, 13(5): 808.
<https://doi.org/10.3390/f13050808>
- Tang M., Long Y.Q., Zeng J., Xiang W., Huang P., Wang G., and Zeng J., 2026, Construction and application of multiple nucleotide polymorphism-based DNA fingerprinting for *Polygonatum cyrtoneura* identification, Frontiers in Plant Science, 17: 1758042.
<https://doi.org/10.3389/fpls.2026.1758042>
- Volenzo T.E., and Odiyo J., 2020, Integrating endemic medicinal plants into the global value chains: the ecological degradation challenges and opportunities, Heliyon, 6(9): e04970.
<https://doi.org/10.1016/j.heliyon.2020.e04970>
- Wang L., Damdinsuren M., Qin Y.H., Gonchigsunmaa G., Zandan Y., and Zhang Z., 2024, Forest wellness tourism development strategies using SWOT, QSPM, and AHP: a case study of chongqing tea mountain and bamboo forest in China, Sustainability, 16(9): 3609.
<https://doi.org/10.3390/su16093609>