

LIST OF RECENT PUBLICATIONS – CARI JHANSI

1. Cytotoxic effect of plant extract-based nanoparticles on cancerous cells: a review. (2022) *Environment Chemistry Letters*, 20, 2487–2507. <https://doi.org/10.1007/s10311-022-01422-z>
2. Simultaneously quantification of eight marker compounds by HPLC, and HPTLC analysis for the marker-based shelf-life kinetic study for the standardization of polyherbal drug AYUSH SG-5, medicinal properties and computational studies. (2024). *Microchemical Journal*. 2024, 199, 109958 <https://doi.org/10.1016/j.microc.2024.109958>
3. Chemoprofiling and medicinal potential of underutilized leaves of *Cyperus scariosus*. (2024) *Nature Scientific Reports*, 14, 7263. <https://doi.org/10.1038/s41598-024-58041-7>
4. Establishment of the mechanism of purification and levigation of green chemistry-assisted biocomposites of red ochre (Gairika): synthesis, characterization, and antibacterial, prebiotic, antioxidant, and antacid activities of the traditional Ayurvedic medicine LaghuSutashekara Rasa. (2023) *Frontiers in Chemistry*, 11, 1271157. <https://doi.org/10.3389/fchem.2023.1271157>
5. Identification of two kinds of *Colchicum* corms by DNA barcoding, physicochemical, chromatographic and chemometric analyses along with pharmacognostic parameters. (2023) *Microchemical Journal*. 195, 109399. <https://doi.org/10.1016/j.microc.2023.109399>
6. In vitro evaluation of the inhibition potential of medicinal plants against dental cariogenic microorganisms. (2025), *The Microbe* 7(1):100341. DOI: [10.1016/j.microb.2025.100341](https://doi.org/10.1016/j.microb.2025.100341).
7. Prebiotic potential of selected plants, fruits, vegetables and herbs—An in-vitro study, (2025) *Food and Humanity*, (5), 100678. <https://doi.org/10.1016/j.foohum.2025.100678>.
8. In-silico evaluation of *Oroxylum indicum* vent compounds in the plausible treatment and prevention of nasopharyngeal cancer. (2024) *J Ayurveda Integr Med*. May-Jun;15(3):100986. <https://doi.org/10.1016/j.jaim.2024.100986>.
9. Fungal toxin (mycotoxin): Introduction, sources and types, production, detection, and applications, (2025) *Food Nutrition*, Volume 1, Issue 1., <https://doi.org/10.1016/j.fnutr.2025.100005>.
10. Identification of potential inhibitors of HER2 targeting breast cancer—a structure-based drug design approach. (2023) *Journal of Biomolecular Structure and Dynamics*, 42(15), 8184–8201. <https://doi.org/10.1080/07391102.2023.2246576> 2023.
11. Exploring the potential of *Andrographis paniculata* and its bioactive compounds in the management of liver diseases: A comprehensive food chemistry perspective. (2024) *Food Chemistry Advances*, 4, 100674. <https://doi.org/10.1016/j.focha.2024.100674>
12. Comparative wood anatomy of Indian Drypetes and Putranjiva (Putranjivaceae): systematic implications, identification and comments on the synonymy of *D*.

- sumatrana*. (2015) *Nordic Journal of Botany*, 33(6), 684-695. <https://doi.org/10.1111/njb.00850>.
13. The role of Ursolic acid, a pharmacologically active compound from *Ocimum sanctum* L. as a potential chemotherapeutic agent, (2025) *Current Pharmaceutical Analysis*, 21 (2), 77-87. <https://doi.org/10.1016/j.cpan.2025.02.001>.
 14. Combination of high-performance thin-layer chromatography and liquid chromatography–quadrupole time-of-flight–tandem mass spectrometry analysis: a promising analytical tool for discrimination between oleo-gum resin of raw and purified *Commiphora wightii*. (2022) *JPC–Journal of Planar Chromatography–Modern TLC*, 35(5), 481-490.
 15. Effect of Ayurvedic Formulations on Abnormal Uterine Bleeding (Asrigdara): A Prospective Uncontrolled Multicenter Clinical Study. (2023) *Journal of Herbal Medicine*. <https://doi.org/10.1016/j.hermed.2023.100802>.
 16. Transforming Medicinal Oil into Advanced Gel: An Update on Advancements. (2024) *Gels*; 10(5):342. <https://doi.org/10.3390/gels10050342>.
 17. The Structural and Thermal properties of BadarashmaPishti. (2024) *Journal of Ayurveda and Integrative Medicine*, 15(6), 100989. <https://doi.org/10.1016/j.jaim.2024.100989>.
 18. Successful Ayurvedic Management of Dermatophytosis-A case report. (2022) *J Ayurveda Integr Med*. 13(1):100491. doi: [10.1016/j.jaim.2021.07.007](https://doi.org/10.1016/j.jaim.2021.07.007)