



PUBLICATIONS OF RESEARCH PAPERS

Year 2022

Baral, S. and Basak, U.C (2022). Natural sources of essential amino acids (EAA) in lesser known wild edible fruits of Odisha. Intl. J. Res. And Analytical Rev.9(3):189-200.

Dash, U.C., Sandeep Kumar Swain, Satish Kanhar, Purusottam Banjare, ParthaPratim Roy, Jagnehswar Dandapat, Atish Kumar Sahoo. (2022). The modulatory role of prime identified compounds in *Geophila repens* in mitigating scopolamine-induced neurotoxicity in experimental rats of Alzheimer's disease via attenuation of cholinesterase, β -secretase, MAPt levels and inhibition of oxidative stress imparts inflammation. Journal of Ethnopharmacology, 282, 114637.

Krishna Raju Patro and Nibha Gupta (2022). Enhanced recovery of L-asparaginase from isolated *Penicillium* sp. through modified cultural and nutritional amendments under submerged culture conditions. Int. Res J. Biological Sciences , vol 11 (1) : 1-9.

Mohapatra M and Basak UC (2022). Co-relational study on Embelin Content in wild & cultivated non-fruit plants parts of *Embelia tsjerian-cottam* A. DC. Research Journal of Pharmacy & Technology 15(2):575-80.

Mohapatra, M. and Basak, U.C (2022). UHPLC assessment of embelin in specialized mangrove plant *Aegiceras corniculatum* (L.) Blanco. Bull. of the National Res. Centre. 46:215.

Mohapatra, S., Jasmine Mohanty, Sarita Pani, Sunitee Hansdah, Anil Kumar Biswal, Atish Kumar Sahoo, Priya Ranjan Debata. (2022). Root extract of *Plumbago zeylanica* L. induces cytotoxicity, inhibits cell migration and induces S-phase cell cycle arrest through down regulation of EGFR in HeLa cervical cancer cells. Advances in Cancer Biology-Metastasis, 4, 100027

Panigrahi M. R., Nayak, S. R., Gupta, N. (2022). Development of fungal bioinoculants and their seasonal impact on growth promotion of *Piper longum* Linn.: a medicinal plant of economic importance. Acad. J. Med. Plants 10 (1) :001-008.

Rout, D., Umesh Chandra Dash, Satish Kanhar, Sandeep Kumar Swain, Atish Kumar Sahoo. (2022). *Homalium zeylanicum* attenuates streptozotocin-induced hyperglycemia and cellular stress in experimental rats via attenuation of oxidative stress imparts inflammation. Journal of Ethnopharmacology, 283, 114649.