



PUBLICATIONS OF RESEARCH PAPERS

Year 2019

Behera Smita and Nibha Gupta (2019) . Optimized culture conditions for enhanced recovery of exopolysaccharide from *Pseudolagarobasidium acaciicola* : a novel fungus isolated from the fruit body of *Russula nigricans* , a wild edible mushroom of Odisha , India. *Current Science* Vol. 116 Issue 8, p1397-1406. 10p.

Dash, B., Ray, A., Sahoo, A., Kar, B., Chatterjee, T., Halder, T., Panda, P. C & Nayak, S. (2019). A combined approach using ISSR and volatile compound analysis for assessment of genetic and phytochemical diversity in *Zingiber zerumbet* (L.) from *Eastern India*. *Journ. Essential Oil Bearing Plants*, DOI: 10.1080/0972060X.2019.1596840

Dash, B., Sahoo, A., Kar, B., Chatterjee, Halder, T., Panda, P. C., Patnaik, J., Ghosh, B. and Nayak, S. (2019): A combined approach using ISSR and volatile compound analysis for assessment of genetic and phytochemical diversity in *Zingiber zerumbet* (L.) from Eastern India, *Journal of Essential Oil-Bearing Plants*, DOI: 10.1080/0972060X.2019.1596840

Dash, U.C., Satish Kanhar, Anshuman Dixit, Jagnehswar Dandapat, Atish Kumar Sahoo. (2019). Isolation, identification, and quantification of Pentylcurcumene from *Geophila repens*: A new class of cholinesterase inhibitor for Alzheimer's disease. *Bioorganic Chemistry*, 88, 102947.

Kamila, P. K. & Panda, P. C. (2019). Large-scale vegetative propagation of *Lasiococca comberi* through air layering. *Journ. Trop. For. Science* 31(1):37-42.

Kanhar, S., Atish Kumar Sahoo. (2019). Ameliorative effect of *Homalium zeylanicum* against carbon tetrachloride induced oxidative stress and liver injury in rats. *Biomedicine & Pharmacotherapy*, 111, 305-314.

Kar, S. K., Sahoo, S., Kar, B., Naik, S. K. & Panda, P. C. (2019). Antioxidant activity of *Halophila ovalis* and *Halophila beccarii* (Hydrocharitaceae): two important seagrass species of Chilika lagoon, India. *Asian Journal of Pharmaceutical and Clinical Research*. 12(3):136–140.

Kottaimuthu R, Vasudevan N, Kalidass C., M. Jothi Basu (2019). Does *Mimosa hamata* Willd. (Mimosoideae: Fabaceae) Occur in Tamil Nadu, *Plant Science Research* 42: (2): 60-62.

Maharana P.K. and Basak U.C. (2019). A comparative assessment of NaCl induced protein and antioxidant enzymes during hardening of two vegetatively propagated back mangrove species. *European Journal of Biotechnology and Bioscience*. 7(5): 1-5.

Murugan P., C. Kalidass & P.C. Panda (2019). *Zephyranthes candida* (Lindl.) Herb. (Amaryllidaceae) - A new record for Odisha, India. *Indian Journal of Forestry*, 40 (1): 73-75.

Nayak,S. and Sunita Bhatnagar(2019). Antioxidant, cytotoxic and phytochemical assessment of rhizomes of black turmeric (*Curcuma caesia*). International Journal of Agriculture Innovations and Research Volume 7, Issue 3, 366-369. ISSN 2319-1473.

Ray, A., Jena, S., Dash, B., Sahoo, A., Kar, B., Patnaik, J. Panda, P. C., Nayak, S. & Mohapatra, N. (2019). *Hedychium coronarium* extract arrests cell cycle progression, induces apoptosis, and impairs migration and invasion in HeLa cervical cancer cells. *Cancer Management and Research* 11: 483-500.

Ray, A., Jena, S., Haldar, T., Sahoo, A., Kar, B., Patnaik, J., Ghosh, B., Panda, P. C., Mahapatra, N. & Nayak, S. (2019). Population genetic structure and diversity analysis in *Hedychium coronarium* populations using morphological, phytochemical and molecular markers. *Industrial Crops and Products*. 132: 118–133.