

**List of Publication:**

| <b>Sl no .</b> | <b>Publication in referred Journals/SCI index Journals (2024-25)</b>  |
|----------------|---|
| 1              | Souptik Bhattacharya, Sayamdipto DasChowdhury, Preparation and biochemical evaluation of daily-thiosulfinate/polyoxyethylene conjugated pH-responsive micelle with enhanced stability, hydrosolubility and antibacterial properties. <i>Colloid Polym Sci</i> (2024). <a href="https://doi.org/10.1007/s00396-024-05298-z">https://doi.org/10.1007/s00396-024-05298-z</a> .                                 |
| 2              | Saikat Mazumder, Debasmita Bhattacharya, Dibyajit Lahiri, Meivelu Moovendhan, Tanmay Sarkar, Moupriya Nag, Harnessing the nutritional profile and health benefits of millets: a solution to global food security problems. <i>Critical Reviews in Food Science and Nutrition</i> , 1–22. <a href="https://doi.org/10.1080/10408398.2024.2417801">https://doi.org/10.1080/10408398.2024.2417801</a>          |
| 3              | Saikat Mazumder, Debasmita Bhattacharya, Dibyajit Lahiri, Moupriya Nag, Milletomics: a metabolomics centered integrated omics approach toward genetic progression. <i>Funct Integr Genomics</i> 24, 149 (2024). <a href="https://doi.org/10.1007/s10142-024-01430-y">https://doi.org/10.1007/s10142-024-01430-y</a>   |
| 4              | Saikat Mazumder, Debasmita Bhattacharya, Dibyajit Lahiri, Moupriya Nag, Rhizobacteria and Arbuscular Mycorrhizal Fungi (AMF) Community in Growth Management and Mitigating Stress in Millets: A Plant-Soil Microbe Symbiotic Relationship. <i>Current Microbiology</i> (Springer Nature) 82, 242, 2025, <a href="https://doi.org/10.1007/s00284-025-04230-0">https://doi.org/10.1007/s00284-025-04230-0</a> |
| 5              | Shairee Ganguly, Kakali Bandyopadhyay, Effect of black cumin seed oil on the oxidative stability of multi-source edible oils containing palm and soybean oil. <i>Food Measurement and Characterization</i> 19, 4576–4584 (2025). IF: 3.3, SCI, SCOPUS, WOS indexed. <a href="https://doi.org/10.1007/s11694-025-03271-0">https://doi.org/10.1007/s11694-025-03271-0</a>                                     |
| 6              | Shairee Ganguly, Dipa Biswas, & Kakali Bandyopadhyay, Study on characterization and oxidative stability analysis of blended oils containing omega-3-rich flaxseed oil. <i>Measurement: Food</i> , 18, 100228 (2025). IF: 3.6, SCI, SCOPUS, WOS indexed. <a href="https://doi.org/10.1016/j.meafoo.2025.100228">https://doi.org/10.1016/j.meafoo.2025.100228</a>   |