

## Paper Published during 2024

SI. No.	International Journals
<b>1</b>	Gogoi, Gayatri; Singh, Sarangthem Dinamani; Kalyan, Emon; Koch, Devpratim; Gogoi, Pronami; Kshattri, Mrinmoy; Mahanta, Hridoy Jyoti; Imran, Md; Pandey, Rajesh; Bharali, Pankaj: An interpretative review of the wastewater-based surveillance of the SARS-CoV-2: where do we stand on its presence and concern. FRONTIERS IN MICROBIOLOGY 2024 15 1338100 <a href="http://dx.doi.org/10.3389/fmicb.2024.1338100">http://dx.doi.org/10.3389/fmicb.2024.1338100</a>
<b>2</b>	Kumar, Sunil; Kumari, Savita; Karan, Ram; Kumar, Amit; Rawal, Ravindra K.; Gupta, Praveen Kumar: Anticancer perspectives of vanadium complexes INORGANIC CHEMISTRY COMMUNICATIONS 2024 161 112014 <a href="http://dx.doi.org/10.1016/j.inoche.2023.112014">http://dx.doi.org/10.1016/j.inoche.2023.112014</a> Online
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<b>4</b>	Riya Das, Sukanya Borthakur, Arokiyaraj Charles, Monjul Hazarika, Parismita Borgohain, Trishna Rani Borah, Lakshi Saikia, Prachurjya Dutta, Jatin Kalita : A novel montmorillonite clay based bio-nanocomposite as an emerging biocontrol agent against stored grain pulse beetle Hybrid Advances 2024 Vol5,100138 <a href="https://www.sciencedirect.com/science/article/pii/S2773207X23001215?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S2773207X23001215?via%3Dihub</a>
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<b>6</b>	Jyotirmoy Deb, Lakshi Saikia, Kripa Dristi Dihingia, G. Narahari Sastry: ChatGPT in the Material Design: Selected Case Studies to Assess the Potential of ChatGPT Journal of Chemical Information and Modeling 2024 <a href="https://pubs.acs.org/doi/10.1021/acs.jcim.3c01702">https://pubs.acs.org/doi/10.1021/acs.jcim.3c01702</a> ,
<b>7</b>	Borthakur, Sukanya; Das, Riya; Basyach, Purashri; Sonowal, Karanika; Saikia, Lakshi: Highly efficient visible-light induced N-doped ZnO@g-C <sub>3</sub> N <sub>4</sub> and S-doped ZnO@g-C <sub>3</sub> N <sub>4</sub> photocatalysts for environmental remediation RSC ADVANCES 2024 14 2 1156 1168 <a href="https://pubs.rsc.org/en/content/articlelanding/2024/ra/d3ra06488c">https://pubs.rsc.org/en/content/articlelanding/2024/ra/d3ra06488c</a>
<b>8</b>	IBhaben Sharmah, Joydeep Das, Prasenjit Manna: Insight into the drug delivery efficacy and anti-diabetic potential of cyclodextrin against hyperglycemia Inorganic Chemistry Communications 2024 Volume 161, March 2024, 112034 <a href="https://www.sciencedirect.com/science/article/pii/S1387700324000170?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S1387700324000170?via%3Dihub</a>
<b>9</b>	Borah, P (Borah, Pulakesh), Baruah, DJ (Baruah, Diksha J., Mridha, P (Mridha, Prosenjit), Baishya, R (Baishya, Rinku), Bora, HK (Bora, Himangsu K.) ; Das, MR (Das, Manash R.): Photoenhanced intrinsic peroxidase-like activity of a metal-free biocompatible borophene photonanozyme for colorimetric sensor assay of dopamine biomolecule CHEMICAL COMMUNICATIONS 2024 Volume60Issue17Page2417-2420 <a href="https://pubs.rsc.org/en/content/articlelanding/2024/cc/d3cc06326g">https://pubs.rsc.org/en/content/articlelanding/2024/cc/d3cc06326g</a>
<b>10</b>	Loying, Rikraj; Kalita, Jatin; Manna, Prasenjit: Rice-Based Alcoholic Fermented Beverages of North-East India: Insight into Ethnic Preparation, Microbial Intervention, Ethnobotany, and Health Benefits JOURNAL OF FOOD BIOCHEMISTRY 2024 2024 7769743 <a href="http://dx.doi.org/10.1155/2024/7769743">http://dx.doi.org/10.1155/2024/7769743</a>
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17	"Suparna Bhattacharjeea,Nooreen Washmina, Twinkle Boraha,Aditya Sarkara, Kalpataru Dutta Mudoia, Siddhartha Proteem Saikiaa, Jitendra Singh Vermab,Dipanwita Banik" "Conspectus on endangered carnivorous pitcher plant Nepentheskhasiana Hook.f. emphasizing in-vitro regeneration, pitcher development, and stability in genetic makeup" South African Journal of Botany 2024 <a href="https://www.sciencedirect.com/science/article/abs/pii/S0254629924001108?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S0254629924001108?via%3Dihub</a>
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