

Monthly Publications

May 2022

At present, BCSIR has total **390+ Scientists**, in May 2022, BCSIR scientists have published a total of **6 Scopus and Web of Science index Articles** with a **3.17 average impact factor (IF)**. The list is-

Publications: 6

Dhaka Labs: 1

1. **Barna Goswami, Nasima Momtaz**, M. I. Hoque & R. H. Sarker, ‘Performance of F1 progenies developed through crosses between Brassica carinata A. Braun A (♀) and Brassica rapa L’, Genetic Resources and Crop Evolution, Springer (SCIE & Scopus Index Q2 Journal, IF:1.524), DOI: <https://doi.org/10.1007/s10722-022-01395-6>

Chattogram Labs: 1

2. Mahfuzur Rahman, Sabrina Akhter Rima, Subrota Kumar Saha, Jerin Saima, Md. Sabbir Hossain, Tamisra Nath Tanni, **Muhammad Abu Bakar**, Mohammad Abdul Momin Siddique, ‘Pollution evaluation and health risk assessment of heavy metals in the surface water of a remote island Nijhum Dweep, northern Bay of Bengal’, Environmental Nanotechnology, Monitoring & Management, Elsevier (Scopus Index Q1 Journal), DOI: <https://doi.org/10.1016/j.enmm.2022.100706> **Full-text Required**

BTRI: 1

3. Mostafa Kamal Arefin, Sultana Sahana Banu, A. K. M. Nasir Uddin, S. K. Nurul Fattah Rumi, Mala Khan, **Ahsanul Kaiser**, Muhammad Shaharior Arafat, Joybaer Anam Chowdhury, Md. Abdullah Saeed Khan & Mohammad Jahid Hasan, ‘Virucidal Effect of Povidone Iodine on SARS-CoV-2 in Nasopharynx: An Open-label Randomized Clinical Trial’, Indian Journal of Otolaryngology and Head & Neck Surgery, Springer (Scopus Index Journal), DOI: <https://doi.org/10.1007/s12070-022-03106-0>

IFRD: 1

4. M.M. Rahman, N.Hasan, **Md. Azizul Hoque**, M.B. Hossen, M. Arifuzzamane, ‘Structural, dielectric, and electrical transport properties of Al³⁺ substituted nanocrystalline Ni-Cu spinel ferrites prepared through the sol–gel route, Results in Physics, Elsevier (SCIE & Scopus Index Q2 Journal, IF: 4.476), DOI: <https://doi.org/10.1016/j.rinp.2022.105610> **Full-text Required**

INARS: 1

5. Sadia Afrin, Md. Mostafizur Rahman, **Md. Ahedul Akbor, Md. Abu Bakar Siddique**, Md. Khabir Uddin, Guilherme Malafaia. 2022. “Is there tea complemented with the appealing flavor of microplastics? A pioneering study on plastic pollution in commercially available tea bags in Bangladesh” *Science of The Total Environment*, Elsevier, (SCI & Scopus Indexed Q1 Journal, **IF:7.963**), DOI: <https://doi.org/10.1016/j.scitotenv.2022.155833>

PP&PDC: 1

6. MS Alam, Nahar B, **MA Gafur**, Seong G, Hossain MZ. Forced Convective Heat Transfer Coefficient Measurement of Low Concentration Nanorods ZnO–Ethylene Glycol Nanofluids in Laminar Flow. *Nanomaterials*, MDPI (SCIE & Scopus Indexed Q1 Journal, IF: 5.076), DOI: <https://doi.org/10.3390/nano12091568>