

BCSIR Publications List: 2021

At present, around **320** scientists are working in **12** institutes of the Bangladesh Council of Scientific and Industrial Research (BCSIR). In **2021**, BCSIR scientists published a total of **132** Scopus Indexed Papers (Figure-1). Besides the Scopus index paper, there is at least **20** Web of Science (SCI, SCIE & ESCI) index papers have been published by BCSIR scientists in **2021**.

Summary of the achievement: Year 2021

1. Patent = 2
2. Process = 7
3. Scopus Index Paper = 132
4. Scopus & Web of Science Index Paper = 150+

1,096 document results

AF-ID ("Bangladesh Council of Scientific and industrial Research BCSIR" 60028541) OR AF-ID ("BCSIR Laboratories Chattogram" 60176728) OR AF-ID ("BCSIR Laboratories Dhaka" 60010600) OR AF-ID ("Pulp and Paper Research Division" 60020497) OR AF-ID ("BCSIR Laboratories Rajshahi" 60176729) OR AF-ID ("Designated Reference Institute for Chemical Measurements DRICM" 60176735) OR AF-ID ("Institute of Food Science and Technology|FST" 60176730) OR (...) OR AF-ID ("Pilot Plant & Process Development Centre PP & PDC" 60176733)

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	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/> 1	Knowledge, attitude and practice of chicken vendors on food safety and foodborne pathogens at wet markets in Dhaka, Bangladesh	Siddiky, N.A., Khan, M.S.R., Sarker, M.S., (---), Ahmed, M.M., Samad, M.A.	2022	Food Control	0
View abstract > Related documents					
<input type="checkbox"/> 2	Quality assessment of freshwaters from a coastal city of southern Bangladesh: Irrigation feasibility and preliminary health risks appraisal	Siddique, M.A.B., Khan, R., Islam, A.R.M.T., (---), Elius, I.B., Islam, M.S.	2021	Environmental Nanotechnology, Monitoring and Management	0
View abstract > Related documents					
<input type="checkbox"/> 3	Vulnerability assessment of seawater intrusion in coastal aquifers of southern Bangladesh: Water quality appraisals	Hasan, M.N., Siddique, M.A.B., Reza, A.H.M.S., (---), Hasan, A.B., Hasan, M.	2021	Environmental Nanotechnology, Monitoring and Management	1
View abstract > Related documents					
<input type="checkbox"/> 4	A plant endophyte Staphylococcus hominis strain MBL_AB63 produces a novel lantibiotic homiocorin and a position one	Aftab Uddin, M., Akter, S., Ferdous M / Khan H	2021	Scientific Reports	0

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Year 2022 (1) > 2021 (131) > 2020 (142) > 2019 (106) > 2018 (76) >

Figure 1. Image and information are collected from **Scopus Database**

Institute-wise Publication List of BCSIR: 2021

Publication List of BCSIR Laboratories Dhaka: 2021

1. M. Murshed Hasan Sarkar, Mohammad Fazle Alam Rabbi, Shahina Akter, Tanjina Akhtar Banu, Barna Goswami, Iffat Jahan, Saddam Hossain, Eshrar Osman, Mohammad Samir Uzzaman, M. Ahashan Habib, Abu Sayeed Mohammad Mahmud, Firoz Kabir, Kazi Nadim Hasan M. Mizanur Rahman, M. Abdul Khaleque, Sharif Akhteruzzaman, and M. Salim Khan Genome Sequence of a SARS-CoV-2 P.1 Variant of Concern (20J/501Y.V3) from Bangladesh, Microbiology Resource announcement, (Scopus Index Journal), DOI: <https://doi.org/10.1128/MRA.00524-21>
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4. Mohammad Belal Hossain, Umme Hani Runu, Md. Milon Sarker, Md. Kamal Hossain, Afroza Parvin, “Vertical distribution and contamination assessment of heavy metals in sediment cores of ship breaking area of Bangladesh” Environmental Geochemistry and Health, Springer (SCIE & Scopus Index Q1 journal, Impact Factor: 3.472), DOI: <https://doi.org/10.1007/s10653-021-00919-w>
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6. Md Abdullah-hil Maruf, Nusrat Jahan Punom, Badhan Saha, Mohammad Moniruzzaman, Priyanka Dey Suchi, Md. Mostavi Enan Eshik, Mohammad Shamsur Rahman, “Assessment of Human Health Risks Associated with Heavy Metals Accumulation in the Freshwater Fish Pangasianodon hypophthalmus in Bangladesh” Exposure and Health, Springer (SCIE & Scopus Index Springer-Nature Q1 Journal, Impact Factor: 4.72), DOI: <https://link.springer.com/article/10.1007/s12403-021-00387-8>
7. Farah Monowara Jahangiri, Hasina Tasmin Moutushi, Md. Moniruzzaman, Sirajul Hoque, Mohammad Enayet Hossain, “Removal of lead from aqueous solutions and wastewaters using water hyacinth (*Eichhornia crassipes*) roots”, *Water Practice and Technology*, (Scopus & ESCIE Index Journal, Impact factor: 1.247), DOI: <https://doi.org/10.2166/wpt.2021.005>
8. Mohammad Belal Hossain, Sanjida Afrin Semme, Abu Sayeed Shafiuddin Ahmed, Md. Kamal Hossain, Golam Sorowar Porag, Afroza Parvin, Trisha Biswas Shanta, Venkatramanan Senapathi & Selvam Sekar, *Arabian Journal of Geosciences* Springer (SCIE & Scopus Index Journal, Impact Factor: 1.324), DOI: <https://link.springer.com/article/10.1007%2Fs12517-021-06477-w>
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 11. A.M. Swaraz, Fariha Sultana, Md. Wasim Bari, Khondoker Shahin Ahmed, Mehedi Hasan, Md. Monirul Islam, Mohammad Amirul Islam, Mohammed A.Satter, Md. Hemayet Hossain, Md. Shofiqul Islam, Md. Iqbal Khan, Md. Obayed Raihan, “Phytochemical profiling of *Blumea laciniata* (Roxb.) DC. and its phytopharmaceutical potential against diabetic, obesity, and Alzheimer’s, *Biomedicine & Pharmacotherapy*, Elsevier (SCI and scopus Index Q1 Journal, Impact factor: 6.52), DOI: <https://doi.org/10.1016/j.biopha.2021.111859>
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 15. M. Rahman, Ismet Ara Jahan, Khondoker Shahin Ahmed, Roy, M., Zaman, W. and Ahmad, I., “Bioactive compounds and antioxidant activity of black and green tea available in Bangladesh”, *Food Research*, (Scopus Index), DOI: [https://doi.org/10.26656/fr.2017.5\(3\).491](https://doi.org/10.26656/fr.2017.5(3).491)
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 31. M. Mostafizur Rahman, Kazi M. Yasin Arafat, Yangcan Jin, Hui Chen & M. Sarwar Jahan, Structural characterization of potassium hydroxide liquor lignin and its application in biorefinery, *Biomass Conversion and Biorefinery*, Springer, (SCIE & Scopus Index Q2 Journal, Impact Factor: 2.6), DOI: <https://doi.org/10.1007/s13399-020-01202-1>
 32. Taslima Ferdous, Yonghao Ni, Mohammad Abdul Quaiyyum, Mohammad Nashir Uddin , and Md Sarwar Jahan, "Non-Wood Fibers: Relationships of Fiber Properties with Pulp Properties" ACS Omega, (SCIE & Scopus Index Q1 Journal, Impact Factor: 3.52), DOI: <https://doi.org/10.1021/acsomega.1c02933>
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