

বিসিএসআইআর-এর পাবলিকেশন তালিকা: ২০২১

বর্তমানে বিসিএসআইআর-এ মোট ৩২০ জন বিজ্ঞানী এবং রিসার্চ ইঞ্জিনিয়ার কর্মরত রয়েছেন। ২০২১ সালে তাঁরা সম্মিলিতভাবে মোট ২২৫ টির অধিক পিয়ার-রিভিউ সায়েন্টিফিক প্রবন্ধ, বুক চ্যাপ্টার এবং প্রসেডিংস পাবলিশ করেছেন যার মধ্যে ২০৫ টি স্কোপাস ইনডেক্সড প্রেস্টিজিয়াস জার্নাল। নিচে নির্বাচিত প্রকাশনার তালিকা (প্রকাশক, ইন্ডেক্সিং, ইমপ্যাক্ট ফ্যাক্টর সহ) দেওয়া রয়েছে।

Summary of Achievements: 2021

1. Number of Patent & Copyright = 4
2. Number of Industrial Process = 12
3. Number of Scopus Index Publication = 205
4. Number of Peer-reviewed (Scopus and SCI, SCIE, ESCI & Addi. WoS Index) Publications = 225+

Publications of BCSIR Labs. Dhaka: [Scientist = 75; Publication = 60, Industrial Process = 6]

1. M. Nazmul Hoque, Md. Murshed Hasan Sarkar, Shahina Akter, Tanjina Akhtar Banu, Barna Goswami, Iffat Jahan, M. Saddam Hossain, Md Ahashan Habib, Abu Sayeed Mohammad Mahmud, Keith A. Crandall, Tofazzal Islam & Md. Salim Khan, 'SARS-CoV-2 infection reduces human nasopharyngeal commensal microbiome with inclusion of pathobionts', Scientific Reports, Nature Group (SCIE & Scopus Index Q1 Journal, Impact Factor: 4.379), DOI: <https://doi.org/10.1038/s41598-021-03245-4>
2. Tanjina Akhtar Banu, Mohammad Murshed Hasan Sarkar, Shahina Akter, Barna Goswami, Iffat Jahan, M. Ahashan Habib, and M. Salim Khan, 'Genome Sequencing of the SARS-CoV-2 Delta (B.1.617.2) Variant of Concern Detected in Bangladesh, Microbiology Resource Announcements', (Scopus Index), DOI: <https://doi.org/10.1128/MRA.00849-21>
3. Jannatul Fardush Tanha, Syed Farid Uddin Farhad, U Honey, NI Tanvir, Tarique Hasan, Sadiq Shahriyar Nishat, Alamgir Kabir, Shahrar Ahmed, Mahmuda Hakim, MNI Khan, Mohammad Moniruzzaman, Imtiaz Ahmed, 'A DFT+U look into experimentally synthesized monoclinic scheelite BiVO₄, Journal of Applied Physics, (SCI & Scopus Index Q2 Journal, Impact Factor: 2.58), DOI: 10.1063/5.0074148
4. Ruhul Amin, Anna Lechner, Annika Vogt, Ulrike Blume-Peytavi, Jan Kottner, 'Molecular characterization of xerosis cutis: A systematic review', PLOS One (SCI & Scopus Index Q1 Journal, Impact Factor: 3.24), DOI: <https://doi.org/10.1371/journal.pone.0261253>
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6. Susmita Paul, Khondoker Shahin Ahmed, Hemayet Hossain, Asish Kumar Das, 'Phytochemicals, Antioxidant, and Chemopreventive Potential of Tamarix Indica Leaf Extracts'; Journal of Herbs Spices & Medicinal Plants, Taylor & Francis (SCIE & Scopus Index Journal, Impact Factor: 0.91), DOI: <https://doi.org/10.1080/10496475.2021.2015506>
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8. Yiwei Liu, Md. Monarul Islam, Mark R.J.Elsegood, Chuan-Zeng Wang, Takehiko Yamato, 'Pyrene-based asymmetric hexaarylbenzene derivatives: Synthesis, crystal structures, and photophysical properties,' Journal of Luminescence, Elsevier (SCI & Scopus Index Q2 Journal, Impact Factor: 3.599), DOI: <https://doi.org/10.1016/j.jlumin.2021.118653>
9. 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>
10. Salim Khan, Shahina Akter, Barna Goswami, Ahashan Habib, Tanjina Akhtar Banu, Carl Barton, Eshrar Osman, Samiruzzaman Samir, Farida Arjuman, Saam Hasan, Maqsd Hossain, “Whole genome mapping and identification of single nucleotide polymorphisms of four Bangladeshi individuals and their functional significance”, BMC Research Notes (ESCI & Scopus Index Q2 Journal, Impact Factor: 1.34), DOI: <https://doi.org/10.1186/s13104-021-05514-x>
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 12. Nazia Khatun, Mohammad Sajjad Hossain, Most. Hosney Ara Begum, Suravi Islam, Nazmul Islam Tanvir, Riyadh Hossen Bhuiyan, and Md. Al-Mamun, ‘Effect of sintering temperature on structural, magnetic, dielectric and optical properties of Ni–Mn–Zn ferrites’, Journal of Advanced Dielectrics (Scopus Index Q2 Journal), DOI: <https://doi.org/10.1142/S2010135X21500284>
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26. Shariful Islam Nayan, Faizul Islam Chowdhury, Noushin Akter, Md Mizanur Rahman, Saima Selim, Nadia Saffoon, Ferdous Khan, Nusrat Subhan, Maqsd Hossain, Khondoker Shahin Ahmed, Hemayet Hossain, Md Areeful Haque, Md Ashrafal Alam, "Leaf powder supplementation of *Senna alexandrina* ameliorates oxidative stress, inflammation, and hepatic steatosis in high-fat diet-fed obese rats", *PLoS ONE* (SCI & Scopus Index Q1 Journal, Impact Factor: 2.74), DOI: <https://doi.org/10.1371/journal.pone.0250261>
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28. Muhammed Amanat, Md. Sharif Reza, Md. Sadikur Rahman Shuvo, Khondoker Shahin Ahmed, Hemayet Hossain, Muhammad Tawhid, Md. Saifuzzaman, Mohammad Shariful Islam, Tanoy Mazumder, Md. Amirul Islam, A F M Shahid Ud Daula, "Zingiber roseum Rosc. rhizome: A rich source of hepatoprotective polyphenols", *Biomedicine & Pharmacotherapy*, Elsevier (SCI & Scopus Index Q1 Journal, Impact Factor: 6.52), DOI: <https://doi.org/10.1016/j.biopha.2021.111673>
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