

Publication List of BCSIR: 2020

At present, around ~320 scientists are working in twelve Institutes of Bangladesh Council of Scientific and Industrial Research (BCSIR). In 2020, they have published a total number of 184 Web of Science and Scopus Indexed Publications.

Publication List of BCSIR Laboratories Dhaka: 2020

1. Mousona Islam, Takumi Inoue, Mayuka Hiraide, Nobiza Khatun, Akida Jahan, Keiko Kuwata, Sotaro Katagiri, Taishi Umezawa, Izumi Yotsui, Yoichi Sakata, Daisuke Takezawa, *Plant Physiology*, (SCI & Scopus Index Q1 Journal, Impact Factor: 7.52), DOI: <https://doi.org/10.1093/plphys/kiaa046>
2. Syed Farid Uddin Farhad, David Cherns, James A. Smith, Neil A Fox, David J.Fermín, 'Materials & Design, Elsevier Journal (Q1, SCIE & Scopus Indexed, Impact Factor: 5.77), DOI: <https://www.sciencedirect.com/science/article/pii/S0264127520303828>
3. Taslima Ferdous, Kazi M. Yasin Arafat, M.S. Bashar, M. Sarwar Jahan, Biomass Conversion and Biorefinery, Springer (SCIE & Scopus Index journal, Impact Factor: 2.6), DOI: <https://doi.org/10.1007/s13399-020-01219-6>
4. Md. Hossain Sohrab Mst. Nadira Begum, Satyajit Roy Rony, Suriya Sharmin, Fatema Moni, Shammi Akhter, Farhana Afroz et al., *Annals of Agricultural Science*, Elsevier (ESCI & Scopus Index Journal), DOI: <https://doi.org/10.1016/j.aos.2020.12.003>
5. N. K Das, Syed Farid Uddin Farhad; K. S. Rahman; M. A. Matin; N. Amin, The Role of CdS:O/CdS Bilayer in the Formation of CdS1-xTex Intermixed Layer in CdTe Absorber, 47th IEEE Photovoltaic Specialists Conference (PVSC), IEEE Xplore, (Scopus & Web of Science Index), DOI: 10.1109/PVSC45281.2020.9300977
6. Nazia Hoque, Md. Hossain Sohrab, Farhana Afroz, Satyajit Roy Rony, Suriya Sharmin, Fatema Moni, Choudhury Mahmood Hasan, Md. Sohel Rana, *Clinical Phytoscience*, Springer, DOI: <https://doi.org/10.1186/s40816-020-00226-4>
7. Tauhidur Rahman Nurunnabi, Sabiha Sarwar, Farah Sabrin, Farzana Alam, Lutfun Nahar, Hossain Sohrab, Satyajit D. Sarker, S. M. Mahbubur Rahman & Morsaline Billah, *Beni-Suef University Journal of Basic and Applied Sciences*, Springer, DOI: <https://doi.org/10.1186/s43088-020-00081-9>
8. Tanjina Akhtar Banu, Salim Khan, Barna Goswami, Sadia Afrin, Ahashan Habib and Shahina Akter, *Bangladesh Journal of Botany*, (SCIE & Scopus Index), Link: http://www.bdbotsociety.org/journal_article.php?option=details&articleid=1348
9. Shilpi Akhter, Tanjina Akhtar Banu, Salim Khan, Shahina Akter, Ahashan Habib, Mousona Islam, Barna Goswami and Bivas Kumar Sarkar, *Plant Tissue Culture & Biotechnology* (Additional Web of Science), DOI: <https://doi.org/10.3329/ptcb.v30i2.50696>
10. Barna Goswami, Shamoly Akter, Nemai Chandra Nandi, Tanjina Akhtar Banu, Shahina Akter, Sadia Afrin3 , Ahashan Habib and Salim Khan, *Plant Tissue Culture & Biotechnology* (Additional Web of Science), DOI: DOI: <https://doi.org/10.3329/ptcb.v30i2.50688>
11. Suriya Sharmin, Sohrab MH, Moni F, Afroz F, Rony SR, Akhter S, *Pharmacia* (Scopus and ESCI Index Q2 Journal), DOI: <https://doi.org/10.3897/pharmacia.67.e57981>
12. František Potucek, Mostafizur Rahman and Jozef Miklík, *Cellulose Chemistry and Technology*, (SCIE & Scopus Index Paper, Impact Factor: 0.87), DOI: <https://doi.org/10.35812/CelluloseChemTechnol.2020.54.91>
13. E.M.K. Ikbali Ahmed, N.K. Das, Syed Farid Uddin Farhad, M.N.I. Khan, M.A. Matin, N. Amin, IEEE Region 10 Symposium 2020 (TENSYMP), IEEE Xplore (Scopus & Web of Science Index), DOI: 10.1109/TENSYMP50017.2020.9230706
14. Md Sharif Reza, Md Sadikur Rahman Shuvo, Md Mahadi Hassan, Mohammad Anwarul Basher, Md Amirul Islam, Nura Ershad Naznin, Sarah Jafrin, Khondoker Shahin Ahmed, Hemayet Hossain, A F M Shahid Ud Daula, *Biomedicine & Pharmacotherapy*, Elsevier (SCI & Scopus Index Q1 Journal, Impact factor: 4.545), DOI: <https://doi.org/10.1016/j.biopha.2020.110942>
15. Taslima Ferdous, M. A. Quaiyyum, Kazi M Yasin Arafat and M Sarwar Jahan, Characterization of chia plant (*Salvia hispanica*) for pulping, *TAPPI Journal* (SCIE & Scopus Index Q2 Journal), Link: <https://imrise.tappi.org/.../Products/20/OCT/20OCT511.aspx>

16. Sabikunnahar Shorna, Saika Shawkat, Anwar Hossain, Shamshad B. Quraishi, A. K. M. Atique Ullah, Mohammad Mozammel Hosen, Md. Kamal Hossain, Badhan Saha, Bijoya Paul & Md. Habibullah-Al-Mamun, *Biological Trace Element Research*, Springer (SCI & Scopus Index Q1 Journal, Impact factor: 2.639), DOI: <https://doi.org/10.1007/s12011-020-02450-y>
17. M Sarwar Jahan , M. Mostafizur Rahman, Yonghao Ni, *Biofuels, Bioproducts and Biorefining*, Willey Journal, (SCI & Scopus Index Q1 Journal, IF: 4.528), DOI: <https://doi.org/10.1002/bbb.2143>
18. Md. Monarul Islam · Paris E. Georghiou , Shofiur Rahman, Takehiko Yamato, *Molecules, MDPI* (SCIE & Scopus Index Q1 Journal, Impact Factor: 3.267); DOI: <https://doi.org/10.3390/molecules25184202>
19. Shahina Akter, Tanjina Akhtar Banu, Barna Goswami, Eshrar Osman, Mohammad Samir Uzzaman, M. Ahasan Habib, Iffat Jahan, Abu Sayeed Mohammad Mahmud, M. Murshed Hasan Sarker, M. Saddam Hossain, A. K. Mohammad Shamsuzzaman, Tasnim Nafisa, M. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Sheikh M. Selim Al Din, Utpal Chandra Ray, Salek Ahmed Sajib, Maqsud Hossain, M. Salim Khan, *Microbiology Resources Announcement, American Microbiology Society*, (Scopus Index, Citescore: 1.7), DOI: DOI: 10.1128/MRA.00764-20
20. Noushin Akter, Faizul Islam Chowdhury, Saima Selim, Shariful Islam Nayan, Ferdous Khan, Nusrat Subhan, Hemayet Hossain, Md Mizanur Rahman, Md. Areeful Haque, Md Ashraful Alam, *Journal of Functional Foods*, Elsevier (SCIE & Scopus Index Q1 Journal, Impact Factor: 3.7), DOI: <https://doi.org/10.1016/j.jff.2020.104250>
21. Shamoly Akter, Barna Goswami, Salim Khan, Shahina Akter, Sanjida Rahman Mollika, and Tanjina Akhtar Banu, *Bangladesh Journal of Botany*, (SCIE & Scopus Index), DOI: http://www.bdbotociety.org/journal/journal_issue/2020%20September/06.pdf.pdf
22. Taslima Ferdous, M. Abdul Quaiyyum, M. Sarwar Jahan, *Waste and Biomass Valorization*, Springer, (SCIE & Scopus Index Q2 Journal, Impact Factor: 2.58), DOI: <https://doi.org/10.1007/s12649-020-01236-6>
23. Taslima Ferdous, M. Abdul Quaiyyum, M. Sarwar Jahan, , ‘Nordic Pulp & Paper Research Journal (SCIE & Scopus Index Journal, Impact Factor: 0.775), DOI: <https://doi.org/10.1515/nppri-2020-0043>
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27. Taslima Ferdous, M. Abdul Quaiyyum, Abdus Salam, M. Sarwar Jahan, *Current Research in Green and Sustainable Chemistry*, Elsevier (Scopus Index Q 1 Journal), DOI: <https://doi.org/10.1016/j.crgsc.2020.100017>
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31. Kamrun Nahar, Dr. Shahin Aziz, M. Shahariar Bashar, Md. Ahsanul Haque, Sharif Md. Al-Reza, ‘International Journal of Nano dimension’, (Web of Science-ESCI, IF: 0.76), DOI: http://www.ijnd.ir/article_667484.html
32. Md. Mizanur Rahman, Khandoker Usran Ferdous, Shraboni Roy, Iffat Ara Nitul, Fariha Mamun , Md. Hemayet Hossain, Nusrat Subhan, Md Ashraful Alam, Md. Areeful Haque, ‘Food Science & Nutrition’, Willey (Scopus Index, Q2 Journal, IF: 1.797), DOI: [10.1002/fsn3.1640](https://doi.org/10.1002/fsn3.1640)
33. Abu Sayeed Shafiuddin Ahmed, Mohammad Belal Hossain, Sanjida Afrin Semme, Saad Mohammad Omar Faruque Babu, Kamal Hossain, Mohammad Moniruzzaman, ‘Environmental Science and Pollution Research’ Springer (Q1 Journal, SCI & Scopus Index, IF: 3.05); DOI: <https://doi.org/10.1007/s11356-020-09766-1>
34. Tanbir Sultana, Shahin Sultana, Husna Parvin Nur, Md. Wahab Khan,, *Journal of Composites Science* , MDPI, (WoS Index, IF: 2.69), DOI: <https://doi.org/10.3390/jcs4030083>
35. M. Sarwar Jahan, Moinul Haque, Kazi M. Yasin Arafat, Yangcan Jin , Hui Chen *Biomass Conversion and Biorefinery*, (Springer, IF: 2.342), DOI: <https://link.springer.com/article/10.1007/s13399-020-00709-x>

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43. N.K. Das, J. Chakrabarty, Syed Farid Uddin Farhad, A.K.Sen Gupta, E.M.K. Ikbali Ahmed, K.S.Rahman, A.Wafi, A.A. Alkahtani, M.A.Matin, N.Amin, Results in Physics, Elsevier (SCI & Scopus Index Q2 Jour, Impact Factor: 4), DOI: <https://doi.org/10.1016/j.rinp.2020.103132>
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52. Md Adnan Rahe, Sanjida Rahman Mollika, Md. Salim Khan, Tanjina Akhter, Banu, GM Al Amin, Md. Ahsan Habib, Shahina Akter, Mousuna Islam, Ripa Akter Sharmin, 'Plant Tissue Culture and Biotechnology' (Web of Science index). DOI: <https://doi.org/10.3329/ptcb.v30i1.47791>
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