

Publication list of BCSIR: 2020

At present, around ~320 scientists are working in thirteen institutes of Bangladesh Council of Scientific and Industrial Research (BCSIR). Till 30th September 2020, they have already published a total number of 135 Web of Science and Scopus Indexed Publications.

BCSIR Laboratories Dhaka:

1. 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>
2. 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>
3. 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>
4. 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
5. 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
6. 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>
7. 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/npprj-2020-0043>
8. Razia Sultana Popy, Jannatun Nayeem, Kazi M. Yasin Arafat, M. Mostafizur Rahman, M. Sarwar Jahan, Current Research in Green and Sustainable Chemistry, Elsevier (Scopus Index Q 1 Journal), DOI: <https://doi.org/10.1016/j.crgsc.2020.100015>
9. Md. Shahedur Rahman, Md. Saddam Hossain and Subbroto Kumar Saha, Christian Sonne, Ki-Hyun Kim, Applied Biochemistry and Biotechnology, Springer (SCIE & Scopus Index, Q2 Journal, Impact factor: 2.27), DOI: <https://doi.org/10.1007/s12010-020-03392-w>
10. Ahmed, S, K. Shahin Ahmed, Hossain, M.S., Azam, M.S., Rahman, M. and Hoque, M.M, Food Research (Scopus Index), DOI: [https://doi.org/10.26656/fr.2017.4\(5\).162](https://doi.org/10.26656/fr.2017.4(5).162)
11. 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>
12. Razia Sultana, Yonghao Ni, Abdus Salam, M. Sarwar Jahan, Industrial Crops and Products, (SCIE & Scopus Index, Q1 Journal, Impact factor: 4.22), DOI: <https://doi.org/10.1016/j.indcrop.2020.112738>
13. Mohammad Nashir Uddin, Taslima Ferdous, Zahidul Islam, M. Sarwar Jahan, M.A. Quaiyyum, Journal of Bioresources and Bioproducts, Elsevier (Scopus Index), DOI: <https://doi.org/10.1016/j.jobab.2020.07.005>
14. Salma Khan, Md. Mizanur Rahman, Fariha Kabir, Kamrun Nahar, Fariha Mamun, Shoumen Lasker, Nusrat Subhan, Md. Hemayet Hossain, Lutfun Nahar, Satyajit D.Sarker, Md Ashraful Alam, Md. Areeful Haque, Clinical Nutrition Experimental, Elsevier (Scopus Index Q1 Journal), DOI: <https://doi.org/10.1016/j.yclnex.2020.07.001>
15. 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
16. 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)

17. 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>
18. 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>
19. 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>
20. S. A. Razi, N. K. Das, Syed Farid Uddin Farhad, M.A. Matin, International Journal of Renewable Energy Research, (SCIE & Scopus, Impact Factor: 3.92), Link: <https://www.ijrer.org/ijrer/index.php/ijrer/article/view/10887/pdf>
21. Thamina Akther, Md. Monarul Islam, Zannatul Kowser, Taisuke Matsumoto, Junji Tanaka, Shofiur Rahman, Abdullah Alodhayb, Paris E. Georghiou, Carl Redshaw, Takehiko Yamato, Chemistry Europe, Willy (SCI & Scopus Index Q1 Journal, IF: 5.16), DOI: <https://doi.org/10.1002/ejoc.202000548>
22. Fatema Moni , Suriya Sharmin , Satyajit Roy , Farhana Afroz , Shammi Akhter, Dr. Md. Hossain Sohrab, Acta Chromatographica (SCIE and scopus), DOI: <https://doi.org/10.1556/1326.2020.00769>
23. A.M. Swaraz, Shamima Khan Sumi, Fariha Sultana, Mehedi Hasan, Md. Monirul Islam, Md. Wasim Bari, Mohammad Amirul Islam, Mohammed A. Satter, Khondoker Shahin Ahmed, Md. Hemayet Hossain, Industrial Crops and Products, Elsevier, (SCIE & Scopus Index Q1 Journal Impact Factor: 4. 24), DOI: <https://doi.org/10.1016/j.indcrop.2020.112370>
24. Zarin Tasnim Gias, Fatima Afsana, Polak Debnath, M. Shadidul Alam, Tania Naz Ena, Md Hemayet Hossain, Preeti Jain & Hasan Mahmud Reza, BMC Complementary Medicine, Springer, (Scopus Index Q1 Springer Journal, IF: 2,479, DOI: <https://doi.org/10.1186/s12906-020-02891-x>
25. Sumaiya Akhter Ria, Taslima Ferdous, Kazi M. Yasin Arafat, M. Sarwar Jahan, *Biomass Conversion and Biorefinery*, Springer (SCIE & Scopus Index Journal, Impact Factor: 2.342), DOI: <https://link.springer.com/article/10.1007/s13399-020-00741-x>
26. I. F. Lini, F. Afroz, N. Begum, S. R. Rony, S. Sharmin, F. Moni and M. H. Sohrab International Journal of Pharmaceutical Sciences and Research (ESCI index), DOI: 10.13040/IJPSR.0975-8232.11(3).1249-57
27. N.K. Das, J. Chakrabartty, 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>
28. Syed Farid Uddin Farhad, Mohammad Moazzem Hossain, Nazmul Islam Tanvir and Suravi Islam, IOP Science (Scopus Index), DOI: <https://iopscience.iop.org/article/10.1149/MA2020-01191212mtgabs>
29. N. K. Das, J. Chakrabartty, Syed Farid Uddin Farhad, M. A. Matin, N. Amin, IEEE Xplore (Scopus Index), DOI: <https://ieeexplore.ieee.org/document/9068857>
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34. N. K. Das, Syed Farid Uddin Farhad , J. Chakaraborty, A. K. S. Gupta, M. Dey, M. Al-Mamun, M. A. Matin, N. Amin, International Journal of Renewable Energy Research, (SCIE & Scopus, Impact Factor: 3.92), Link: <https://www.ijrer.org/ijrer/index.php/ijrer/article/view/10431/pdf>
35. Zhen Hu, Haoke Zhang, Yan Chen, Qingsong Wang, Mark R.J.Elsegood, Simon J.Teat, Xing Feng, Md Monarul Islam, Fugen Wu, Ben Zhong Tang, 'Dye and Pigment, Elsevier (SCI & Scopus Index Q1 Journal, Impact Factor: 4.6), DOI: <https://doi.org/10.1016/j.dyepig.2019.108175>
36. 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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41. Md Badrul Alam, Nargis Sultana Chowdhury, Md Hossain Sohrab, Md Sohel Rana, Choudhury Mahmood Hasan, Sang-Han Lee , *Biomolecules*, MDPI (SCIE & Scopus index Q1 Journal, IF: 4.08), DOI: <https://doi.org/10.3390/biom10020199>
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44. Dr. M. Sarwar Jahan et al., 'Cellulose chemistry and technology, (Scopus Index, IF: 1.02), Link: <http://www.cellulosechemtechnol.ro/firstonline.php>
45. Srikanta Sutradhar, Kazi Yeasin Arafat, Jannatun Nayem, Dr. M. Sarwar Jahan et al., 'Cellulose chemistry and technology, (Scopus Index, IF: 1.02), DOI: [10.35812/CelluloseChemTechnol.2020.54.47](https://doi.org/10.35812/CelluloseChemTechnol.2020.54.47)

BCSIR Laboratories Rajshahi:

46. Mohammad Ahasanur Rabbi, Mohammad Mahbubor Rahman, Hideto Minami, Nobuko Yamashita, Mohammad Rowshanul Habib, Hasan Ahmad, *Carbohydrate Polymers*, Elsevier (SCI & Scopus Index Q1 Journal, IF: 7.18), DOI: <https://doi.org/10.1016/j.carbpol.2020.117024>
47. Paroma Arefin, Md Shehan Habib, Aishawarya Arefin, Md Saidul Arefin, 'International Journal of Pharmaceutical Research, (Scopus Index Q 2 Journal, CiteScore: 0.8), DOI: <https://doi.org/10.31838/ijpr/2020.SP1.066>
48. Syed Rashel Kabir, AKM Asaduzzaman, Ruhul Amin, ASM Tanbirul Haque, Rita Ghose, Md. Musfikur Rahman, Jahanur Islam, Md. Boni Amin, Imtiaj Hasan, Tapas Debnath, Byung-Soo Chun, XuDong Zhao, M. Khalilur Rahman Khan, and Mohammad Taufiq Alam, *ACS Omega*, (Scopus Index Q 1 Journal, IF: 2.87), DOI: <https://pubs.acs.org/doi/10.1021/acsomega.0c02878>
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50. Mohammad Ahasanur Rabbi, Mohammad Mahbubor Rahman, Hideto Minami, Nobuko Yamashita, Mohammad Rowshanul Habib, Hasan Ahmad, *Carbohydrate Polymers*, Elsevier (SCI & Scopus Index Q1 Journal, IF: 7.18), DOI: <https://doi.org/10.1016/j.carbpol.2020.115842>
51. Md. Saifur Rahman, Md. Ibrahim H. Mondal, M. Sarmina Yeasmin, M. Abu Sayeed, Md Ashraf Hossain, Mohammad Boshir Ahmed , *Processes*, MDPI journal (SCIE & Scopus index, IF: 1.963); DOI: <https://www.mdpi.com/2227-9717/8/6/711>
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59. Shanewaz Hossain, Saddam Hossain, Mohammad Rafiqul Islam, Mir Himayet Kabir, Sobur Ali, Md Shafiqul Islam, Khan Mohammad Imran, M. Moniruzzaman, Taslin Jahan Mou, Anowar Khasru Parvez, Zahid Hayat Mahmud, *International Journal of Environmental Research and Public Health*, MDPI, (Scopus & SCIE Index Q 2 Journal, IF: 2.849), DOI: <https://doi.org/10.3390/ijerph17176013>
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