

## 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 31<sup>th</sup> October 2020, they have already published a total number of 146 Web of Science and Scopus Indexed Publications.

## Publication List of BCSIR Laboratories Dhaka: 2020

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. 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://imisrise.tappi.org/.../Products/20/OCT/20OCT511.aspx>
3. 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, Spinger (SCI & Scopus Index Q1 Journal, Impact factor: 2.639), DOI: <https://doi.org/10.1007/s12011-020-02450-y>
4. 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>
5. 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>
6. Shahina Akter, Tanjina Akhtar Banu, Barna Goswami, Eshrar Osman, Mohammad Samir Uzzaman, M. Ahashan 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, Maqsd Hossain, M. Salim Khan, Microbiology Resources Announcement, American Microbiology Society, (Scopus Index, Citescore: 1.7), DOI: DOI: 10.1128/MRA.00764-20
7. 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>
8. 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](http://www.bdbotociety.org/journal/journal_issue/2020%20September/06.pdf.pdf)
9. 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>
10. 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>
11. 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>
12. 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>
13. 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)
14. 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>
15. 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>

16. 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>
17. 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>
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19. 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)
20. 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>
21. 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>
22. 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>
23. 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>
24. 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>
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26. 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>
27. 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>
28. 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>
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30. N.K. Das, J. Chakrabartty, Syed Farid Uddin Farhad, A.K.Sen Gupta, E.M.K. Ikbali Ahamed, 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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32. 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>
33. Taslima Ferdous, M. Abdul Quaiyyum, Shahriar Bashar, M. Sarwar Jahan, 'Nordic Pulp & Paper Research Journal (Scopus Index Journal, Impact Factor: 0.775), DOI: <https://doi.org/10.1515/npprj-2019-0057>
34. Md. Monarul Islam, Xing Feng, Chuan-Zeng Wang, Shofiur Rahman, Abdullah Alodhayb, Paris E. Georghiou, Taisuke Matsumoto, Junji Tanaka, Carl Redshaw, Takehiko Yamato, ChemistrySelect – Wiley, (Scopus Index, Q2 Journal, Impact Factor: 1.81), DOI: <https://doi.org/10.1002/slct.201903048>
35. Imana Shahrin Tania, Mohammad Ali, Riyadh Hossen Bhuiyan, Autex Research Journal (Scopus Index Q2 Journal, Impact Factor: 0.927), DOI: <https://doi.org/10.2478/aut-2019-0074>
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38. Zhen Hu, Haoke Zhang, Yan Chen, Qingsong Wang, Mark R.J.Elsegood, Simon J.Teate, 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>
39. 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>
40. M. Naimur Rahman Sumon, Tanjina Akter Banu, Sanjida Rahman Mollika, Barna Gosami, Shahina Akter, Mousuna Islam, , Ripa Akter Sharmin, Md.\_Salim Khan, 'Plant Tissue Culture and Biotechnology' (Web of Science index) DOI: [10.3329/ptcb.v29i2.44504](https://doi.org/10.3329/ptcb.v29i2.44504)
41. Fariha Mamun, Md. Mizanur Rahman, Mushfera Zamila, Nusrat Subhan, Hemayet Hossain, S.M. Raquibul Hasan, Md Ashraf Alam, Md. Areeful Haque, Journal of Functional Foods, Elsevier (SCIE & Scopus Index Q1 Journal, Impact Factor: 3.7 ), DOI: <https://doi.org/10.1016/j.jff.2019.103662>
42. Seagufta Afrin, Md Abdul Muhit, Md Hossain Sohrab, Choudhury Mahmood Hasan, Monira Ahsan, Dhaka University Journal of Pharmaceutical Sciences, (Scopus index), DOI: <https://doi.org/10.3329/dujps.v19i1.47812>
43. Tauhidur R. Nurunnabi, Farah Sabrin, Dilara I. Sharif, Lutfun Nahar, Md. H. Sohrab, Satyajit D. Sarker, S. M. Mahbubur Rahman & Md. Morsaline Billah, Advances in Traditional Medicine, Springer, (Scopus Index Q1 Journal), DOI: <https://doi.org/10.1007/s13596-019-00422-9>.
44. 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>
45. Md Lukman Hakim, Nazmun Nahar, Mithun Saha, Muhammad Saiful Islam, Hasan Mahmud Reza and Shazid Md Sharker , Biomedical Physics & Engineering Express, IOP Science (Scopus Index journal, Impact Factor: 1.10), DOI: <https://iopscience.iop.org/article/10.1088/2057-1976/ab6a1e>
46. Jannatun Nayem, Abdur Razzaq, M. Tusar Uddin, M.S. Bashar, M. Sarwar Jahan, 'Cellulose chemistry and technology (Scopus Index, IF: 1.02), DOI: [10.35812/CelluloseChemTechnol.2020.54.11](https://doi.org/10.35812/CelluloseChemTechnol.2020.54.11)
47. Dr. M. Sarwar Jahan et al., 'Cellulose chemistry and technology, (Scopus Index, IF: 1.02), Link: <http://www.cellulosechemtechnol.ro/firstonline.php>
48. Srikanta Sutradhar, Kazi Yeasin Arifat, 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)

### **Publication List of BCSIR Laboratories Rajshahi: 2020**

49. 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>
50. 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>
51. Syed Rashed 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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53. 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>
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### **Publication List of BCSIR Laboratories Chittagong: 2020**

57. Syeda Samira Afrose, Md. Junaid, Yeasmin Akter, Mousumi Tania, Meiling Zheng, Md. Asaduzzaman Khan, [Drug Discovery Today](#), Elsevier, (SCI & Scopus Index, Q1 Journal, Impact factor: 7.32), DOI: <https://doi.org/10.1016/j.drudis.2020.07.019>
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59. Arafat Rahman Oany, Mamun Mia, Tahmina Pervin, Md. Junaid, S.M. Zahid Hosen, Mohammad Ali Moni, [International Journal of Antimicrobial Agents](#), Elsevier (Scopus Index Q1 Journal, Impact factor: 4.6), DOI: <https://doi.org/10.1016/j.ijantimicag.2020.106177>
60. Chamini Perera, Zhihong Xu, Alpha Raj Mekapogu, S.M. Zahid Hosen, Srinivasa Pothula, Jerry Greenfield, Suresh Chari, David Goldstein, Romano Pirola, Jeremy Wilson Minoti V. Apte, Gastroenterology, (SCI & Scopus Index Q1 Journal, Cite Score: 24.7, Impact factor: 17.373), DOI: [https://doi.org/10.1016/S0016-5085\(20\)31245-2](https://doi.org/10.1016/S0016-5085(20)31245-2)
61. [Antica Barua](#), [Muhammad Shaiful Alam](#), [Md. Junaid](#), [Yeasmin Akter](#), [Syeda Samira Afrose](#), [Tania Sharmin](#), [Rasheda Akter](#), [S. M. Zahid Hosen](#), Current Pharmaceutical Biotechnology, (SCIE & Scopus Index Q2 Journal, Impact Factor: 2.09), DOI: [10.2174/1389201021666200922161529](https://doi.org/10.2174/1389201021666200922161529)
62. 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 Q2 Journal, IF: 2.849), DOI: <https://doi.org/10.3390/ijerph17176013>
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67. M.Saidur Rahman, A.Chakraborty, S.Mazumdar, N.C.Nandi, M.N.I. Bhuiyan, S.M. Alauddin, I.A Khan, M. Jakir Hossain, Nano-structures and Nano-Objects, Elsevier (Scopus Index, Q1 Journal, Citescore: 5.6), DOI: <https://doi.org/10.1016/j.nanoso.2019.100408>

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