

## **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. Syed Farid Uddin Farhad, Data in Brief, Elsevier, (ESCI & Scopus Index, CiteScore: 1.5), DOI: <https://doi.org/10.1016/j.dib.2020.106644>
4. 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>
5. 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>
6. Tapash Chandra Paul, Majibul Haque Babu, Jiban Podder, Bidhan Chandra Dev, Sapan Kumar, Sen, Suravi Islam, *Physica B: condense matter*, (SCI, Scopus Index, Q2 Journal, Impactor: 1.9), DOI: <https://doi.org/10.1016/j.physb.2020.412618>
7. 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>
8. 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>
9. 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](http://www.bdbotsociety.org/journal_article.php?option=details&articleid=1348)
10. 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>
11. Barna Goswami, Shamoly Akter, Nemai Chandra Nandi, Tanjina Akhtar Banu, Shahina Akter, Sadia Afrin<sup>3</sup>, Ahashan Habib and Salim Khan, *Plant Tissue Culture & Biotechnology* (Additional Web of Science), DOI: DOI: <https://doi.org/10.3329/ptcb.v30i2.50688>
12. 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>
13. 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>
14. E.M.K. Ikbāl Ahamed, N.K. Das, Syed Farid Uddin Farhad, M.N.I. Khan, M.A. Matin, N. Amin, *IEEE Region 10 Symposium 2020 (TENSYPMP)*, *IEEE Xplore* (Scopus & Web of Science Index), DOI: [10.1109/TENSYPMP50017.2020.9230706](https://doi.org/10.1109/TENSYPMP50017.2020.9230706)
15. 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>

16. 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>
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20. 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: 10.1128/MRA.00764-20
21. 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>
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29. 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>
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32. 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](http://www.ijnd.ir/article_667484.html)
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37. 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>
38. 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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43. 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
44. 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>
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### **Publication List of BCSIR Laboratories Rajshahi: 2020**

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