

*At present, IFRD has total 19 Scientists, in 2022, IFRD scientists have published a total of 10 Scopus and Web of Science index Articles. The list is-*

1. Ajoy Kanti Mondal, Dezhong Xu, Shuai Wu, Qiuxia Zou, Weijie Lin, Fang Huang, Yonghao Ni, 'High lignin containing hydrogels with excellent conducting, self-healing, antibacterial, dye adsorbing, sensing, moist-induced power generating and supercapacitance properties', International Journal of Biological Macromolecules, Elsevier (SCIE & Scopus Index Q1 Journal, IF: 6.95), DOI: <https://doi.org/10.1016/j.ijbiomac.2022.02.144>
2. Digafe Alemu, Mesfin Tafesse, and Ajoy Kanti Mondal, 'Mycelium-Based Composite: The Future Sustainable Biomaterial', International Journal of Biological Macromolecules, (Scopus Index), DOI: <https://doi.org/10.1155/2022/8401528>
3. Munira Sultana, Mohammad Jellur Rahman & M. Shahriar Bashar, 'Size Distribution of Hexagonal Prismatic-Shaped ZnO Nanorods Synthesized by Microwave-Assisted Irradiation of Precursors, Journal of Electronic Materials, Springer (SCI & Scopus Index Q2 Journal, IF: 1.938), DOI: <https://doi.org/10.1007/s11664-022-09496-9>
4. Samiya Mahjabin, Mohammad Ismail Hossain, Md. Mahfuzul Haque, M. Shahriar Bashar, M. Shah Jamal, Md. Shahiduzzaman, Ghulam Muhammad, Kamaruzzaman Sopian & Md. Akhtaruzzaman, 'Sputtered WOx thin film as the electron transport layer for efficient perovskite solar cells, Applied Physics A, Springer (SCIE & Scopus Index Q2 journal, IF: 2.583), DOI: <https://doi.org/10.1007/s00339-022-05500-5>
5. Ayesha Siddika, Munira Sultana, M. Shahriar Bashar, Samia Tabassum, Shahin Aziz, Md AftabAli Shaikh, 'Improved performance of dye sensitized solar cell by exploration of photoanode and ruthenium based dye', Optical Materials, Elsevier, (SCIE & Scopus Index Q1 Journal, IF: 3.08), DOI: <https://doi.org/10.1016/j.optmat.2022.112042>
6. Mosharof Hossain, Sharmin Sultana Israt, Nuzhat Muntaha, and Mohammad Shah Jamal, "Effect of antioxidants and blending with diesel on partially hydrogenated fish oil biodiesel to upgrade the oxidative stability," Bioresource Technology Reports, Elsevier (Scopus Index Q1 Journal), DOI: <https://doi.org/10.1016/j.biteb.2021.100938>
7. Mohammad Tanvir Ahmed, Shariful Islam, Muhammad Shahriar Bashar, Md. Abul Hossain, and Farid Ahmed, 'Synthesis and Characterizations of CH<sub>3</sub>NH<sub>3</sub>PbI<sub>3</sub>: ZnS Microrods for Optoelectronic Applications, Advances in Materials Science and Engineering (SCIE & Scopus Index Q2 Journal, IF: 1.72), DOI: <https://doi.org/10.1155/2022/7606339>
8. Mohammad Tanvir Ahmed, Shariful Islam, Muhammad Shahriar Bashar, and Farid Ahmed, "One-Step Synthesis of (CH<sub>3</sub>NH<sub>3</sub>)<sub>2</sub>CuCl<sub>4</sub>: ZnS Thin Film for Optoelectronic Applications," Crystal Research and Technology, Wiley (SCIE & Scopus Index Q2 Journal, IF: 1.639), DOI: <https://doi.org/10.1002/crat.202100235>

9. Dezhong Xu, Yanan Cheng, Shuai Wu, Qiuxia Zou, Ajoy Kanti Mondal, Dengwen Ning & Fang Huang, 'Study on the effect of tunicate cellulose nanocrystals in the preparation of sodium alginate-based enteric capsule', Cellulose, Elsevier (SCI & Scopus Index Q1 Journal, IF: 5.044), DOI: <https://doi.org/10.1007/s10570-022-04445-5>
  
10. Ajoy Kanti Mondal, Dezhong Xu, Shuai Wu, Qiuxia Zou, Fang Huang, and Yonghao Ni, "Design of Fe<sup>3+</sup>-Rich, High-Conductivity Lignin Hydrogels for Supercapacitor and Sensor Applications," Biomacromolecules, ACS (SCI & Scopus Index Q1 Journal, IF: 6.98), DOI <https://doi.org/10.1021/acs.biomac.1c01194>