

28. Sanjana Afrin Disha, Md Sahadat Hossain, Md Lawshan Habib, and Samina Ahmed. "Calculation of crystallite sizes of pure and metals doped hydroxyapatite engaging scherrer method, Halder-Wagner method, Williamson-Hall model, and size-strain plot." Results in Materials (Scopus Index Q2 Journal), DOI: <https://doi.org/10.1016/j.rinma.2023.100496> [R&D]

PP&PDC: 1 Publication (R&D =0; CR= 1; HS=0)

29. Md Ramjan Ali, Mohammad Asaduzzaman Chowdhury, Mohammad Shahin, Md Mostafizur Rahman, Md Osman Ali, and Md Abdul Gafur. "Multi-physical and anti-corrosion properties of graphene-reinforced epoxy nanocomposite coatings for industrial applications." Arabian Journal of Chemistry Arabian Journal of Chemistry (SCIE & Scopus Index Q1 Journal, IF: 6), DOI: <https://doi.org/10.1016/j.arabjc.2023.105424> [CR]

INARS: 4 Publications (R&D =1; CR=2; HS=1)

30. Md Sohag Hossain, Md Humayun Kabir, Md Aftab Ali Shaikh, Md Anamul Haque, and Sabina Yasmin. "Ultrafast and simultaneous removal of four tetracyclines from aqueous solutions using waste material-derived graphene oxide-supported cobalt-iron magnetic nanocomposites." RSC advances (SCIE & Scopus Index Q1 Journal, IF: 3.9), DOI: <https://doi.org/10.1039/D3RA07597D> [R&D]
31. Zuwu Tang, Xinxing Lin, Meiqiong Yu, Ajoy Kanti Mondal, and Hui Wu. "Development of Biocompatible Mussel-Inspired Cellulose-Based Underwater Adhesives." ACS Omega (2024) (SCIE & Scopus Index Q1 Journal, IF: 4.1), DOI: <https://doi.org/10.1021/acsomega.3c07972> [CR]
32. Dezhong Xu, Yanan Cheng, Lin Weijie, Shibo Han, Shuai Wu, Ajoy Kanti Mondal, Ao Li, and Fang Huang. "Di-aldehyde tunicate cellulose nanocrystal (D-tCNC) aerogels for drug delivery: Effect of D-tCNC composition on aerogel structure and release properties." International Journal of Biological Macromolecules (SCIE & Scopus Index Q1 Journal, IF: 8.2), DOI: <https://doi.org/10.1016/j.ijbiomac.2023.128345> [CR]
33. Asma Binta Hasan, A.H.M Selim Reza, Md. Abu Bakar Siddique, Md. Ahedul Akbor, Aynun Nahar, Mehedi Hasan, Md. Ripaj Uddin, Mohammad Nazim Zaman, Iftekharul Islam, "Origin, spatial distribution, sediment contamination, ecological and health risk evaluation of trace metals in sediments of ship breaking area of Bangladesh". Journal of Hazardous Materials (Scopus and SCI indexed Q1 Journal, IF: 13.6), DOI: <https://doi.org/10.1016/j.jhazmat.2023.133214>

LRI: 1 Publication (R&D =0; CR=0; HS=1)

34. Nur-E-Alam, Md, Shamim Ahmed Deowan, Esrafil Hossain, Khandker Saadat Hossain, Muhammed Yusuf Miah, and Mohammad Nurnabi. "Fabrication of Polysulfone-Based Microfiltration Membranes and Their Performance Analysis." Water, Air, & Soil Pollution (SCIE & Scopus Index Q2 Journal, IF: 2.9), DOI: <https://doi.org/10.1007/s11270-023-06872-x> [R&D]