Ion Exchange Techniques: Materials and Analytical Applications (Part: I)

Ion exchange techniques: Materials and Analytical Applications (Part: I) are intended to elaborate the details of different materials along with their applicational approaches. It summarises the various ion exchange techniques along with the various types of materials and their applications used for the removal of dyes from wastewater, biomedical applications of montmorillonite-based nanocomposites, removal of pharmaceutical residues from water bodies and dye removal abilities in related areas, through an in-depth review of the literature. Moreover, applications for separation of whey proteins from bovine milk, Be\(^{2+}\)/Remazol blue/ Malachite green/Rhodamine B dyes removals, studies on surfactant supported cationic exchange resins, low-cost jute stick usages, etc. are some applications discussed in this part. It brings together people from the domain of industry specialists, academicians as far as materials and applications are concerned. It is an invaluable guide to engineers, students, professors, scientists, and R&D industrial experts working in the field of ion-exchange and applications. The titles of the work reported in the following 10 different articles are as follows [1-10].

REFERENCES


