
Publications:

1. Porous structure studies of the mixed-matrix polymeric membranes of polyether sulfone incorporated with functionalized multiwalled carbon nanotubes, Km Nikita, S. Kumar, V.K. Aswal, D.K. Kanchan, C.N. Murthy*, *Desal. Wat. Treat.*, **2019**, 146, 29-38. (Published)
ISSN No. 1944-3994, 1944-3986, Publisher: Desalination Publication
2. Understanding the surface morphology of MWCNT/PES membranes using SANS: Interpretation & Rejection Performance, Km Nikita, P. Karkare, D. Ray, V. K. Aswal, P. S. Singh, C. N. Murthy*, *J. App. Wat. Sci*, **2019**, 9, 154. (Published)
ISSN No. 2190-5495, Publisher: Springer
3. Surface modification of functionalized multiwalled carbon nanotubes containing mixed matrix membrane using click chemistry, Km Nikita, D. Ray, V.K. Aswal, C.N. Murthy*, *J. Membr. Sci.*, **2019**, 596, 117710 (Published)
ISSN No. 0376-7388, Publisher: Elsevier
4. Studies on the sulfonated polyethersulfone/MWCNT membranes for water purification, Km Nikita, D. Ray, V.K. Aswal, C. N. Murthy* (Paper under preparation).