









- membranes for potential water treatment,” *Desalination*, vol. 431, no. December 2017, pp. 35–46, 2018.
- [8] H. Ke et al., “Electrospun polystyrene nanofibrous membranes for direct contact membrane distillation,” *J. Memb. Sci.*, vol. 515, pp. 86–97, 2016.
- [9] Y. Wang et al., “Enhanced performance of superhydrophobic polypropylene membrane with modified antifouling surface for high salinity water treatment,” *Sep. Purif. Technol.*, 2018.
- [10] A. M. Bernardes, J. Z. Ferreira, and C. A. Ferreira, “High-impact polystyrene / polyaniline membranes for acid solution treatment by electrodialysis : Preparation , evaluation , and chemical calculation,” vol. 320, pp. 52–61, 2008.
- [11] K. Hu et al., “Synthesis ,Structure , and Properties of High-Impact Polystyrene / Octavinyl Polyhedral Oligomeric Silsesquioxane Nanocomposites,” pp. 1–7, 2014.
- [12] J. P. Matinlinna, S. Areva, L. V. J. Lassila, and P. K. Vallittu, “Characterization of siloxane films on titanium substrate derived from three aminosilanes,” pp. 1314–1322, 2004.
- [13] S. Mohsenpour, A. Safekordi, M. Tavakolmoghadam, F. Rekabdar, and M. Hemmati, “AC SC,” *Polymer (Guildf)*, 2016.
- [14] J. Garcia-ivars and B. Van Der Bruggen, “Author ’ s Accepted Manuscript,” *J. Memb. Sci.*, 2015.
- [15] J. Lin, R. Zhang, W. Ye, N. Jullok, A. Sotto, and B. Van Der Bruggen, “Journal of Colloid and Interface Science Nano-WS 2 embedded PES membrane with improved fouling and permselectivity,” *J. Colloid Interface Sci.*, vol. 396, pp. 120–128, 2013.
- [16] H. Abdallah, Jamil, T., Shaban, A., et al. (2017). Influence of the polyacrylonitrile proportion on the fabricated UF blend membranes’ performance for humic acid removal. *Journal of Polymer Engineering*, 38(2), pp. 129-136. Retrieved 30 Sep. 2019, from doi:10.1515/polyeng-2017-0003.
- [17] A. Oyekanmi, Ahmad A, Hossain K, Rafatullah M. "Adsorption of Rhodamine B dye from aqueous solution onto acid treated banana peel: Response surface methodology, kinetics and isotherm studies." *PLoS One*, 14(5), 2019.
- [18] M. Khaled, H. Noby, A. El-Shazly, W. A. Aissa, Facile Fabrication of Porous and Hydrophilic Polystyrene Membranes using Recycled Waste, 2<sup>nd</sup> International Conference of Chemical, Energy and Environmental Engineering, ICCEEE 2019, Alexandria, Egypt.