

Publications:

- 1- A. Marey and Doaa F. Ahmed, Common data analysis in batch adsorption studies process on natural composite hydrogel for removal of Co (II) ions for recycling and regeneration wastewater.
- 2- A. Marey and Doaa F. Ahmed, Green modification of hydrogel as a novel natural material for dye removal as a sustainable and renewable bioresource for wastewater reuse, *Journal of Hunan University Natural Sciences*, 48(11) (2021), 1260-1277.
- 3- A. Marey, Sustainable treatment of contaminants from Bilbeis Drain ,Egypt ,by Quercus (Red Oak) as a natural Coagulant for reuse, *Journal of Tianjin University*,54(12) (2021), 494-513.
- 4- A. Marey, Usage of Cicer Arietinum as a local and eco-friendly natural coagulant in sewage treatment and its ability to increase the formation of floc process, *Revista Bionatura*, 6(3) (2021), 1939-1943.
- 5- A. Marey, Synthesis Composite of TiO_2 /Chitosan and TiO_2 / Bentonite for Removing Turbidity from Ismailia Canal as Water Treatment Plant, *African Journal of Chemical Education—AJCE* 10(1) (2020), 124-133.
- 6- A. Marey, Composite of Chitosan and Bentonite as coagulant agents in removing turbidity from Ismailia Canal as water treatment plant, *Revista Bionatura*, 4(3) (2019), 897-899.
- 7- A. Marey, Effectiveness of chitosan as natural coagulant in turbid waters, *Revista Bionatura*, 4(2) (2019), 856-860.
- 8- M.A. El-Hashash, M. A. Mekewi, D. B. Guirguis and M.A. Ramadan, Fabrication of Polyvinyl Alcohol/Cellulose Acetate (PVA/CA/PEG) Antibacterial Membrane for Potential Water Purification Application, *Hydrology: Current Research*, 4(1) (2012), 1-6.
- 9- M.A. El-Hashash, M. A. Mekewi, D. B. Guirguis and M.A. Ramadan, Polyvinylalcohol Cellulose acetate composite reverses osmosis membranes: I-synthesis and characterizatioin, *Egyptian Journal of Applied Science*, 26(11) (2011), 601-616.
- 10- K.A. Shaffei, A.M. Ramadan, M.H. El Sayed and H.A. Shawky, Aromatic polyamide membrane for water desalination prepared from m-phenylene diamine and its acrylic acid grafted copolymer, *Egyptian Journal of Textile and Polymer Science*, 13(2) (2009), 99-120.