# *CV*

- *Personal Information:*

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- *Education:*
  - 2018 M. Sc. (Physical Chemistry)
    Faculty of Science, Beni-Suef University, Egypt.
    Dissertation,
    ***"Innovation Technology for Water Desalination Based on RO-NF Membrane"***
  - 2013 B.Sc. (Special Chemistry, Excellent)
    Faculty of Science, Beni-Suef University, Egypt.

- *Main Research or Technology Topics:*
  - Polymers
  - Membrane Technology
  - Water Desalination based on RO/Nano membranes
  - Water treatment technologies

- *Awards and Honors:*
  - Master Grant from Academe of Scientific Research and Technology (ASRT)
    Grant no. (ASRT/SNG/W/2014-9)
    "Innovation Technology for Water Desalination Based on RO-NF Membrane"

- *Recent relevant publications*

  Journal Publications:


M. Shaban, **A.M. Ashraf**, M.R. Abukhadra, $TiO_2$ Nanoribbons/Carbon Nanotubes Composite with Enhanced Photocatalytic Activity; Fabrication, Characterization, and Application, Sci. Rep. 8 (2018) 781. doi:10.1038/s41598-018-19172-w.
https://www.nature.com/articles/s41598-018-19172-w

M. Shaban, **A.M. Ashraf**, H. AbdAllah, H M. Abd El-Salam. Titanium dioxide nanoribbons / Multi-Walled Carbon nanotube nanocomposite blended Polyethersulfone Membrane for Brackish Water Desalination. Desalination. 444 (2018) 129–141.
https://www.sciencedirect.com/science/article/pii/S0011916417315229

A.M. Ahmed, F. Mohamed, **A.M. Ashraf**, M. Shaban, A. Aslam, P. Khan, A.M. Asiri, Chemosphere Enhanced photoelectrochemical water splitting activity of carbon nanotubes @ TiO 2 nanoribbons in different electrolytes, Chemosphere. 238 (2020) 124554.
https://www.sciencedirect.com/science/article/pii/S0045653519317783.

A Helmy, M Rabia, M Shaban, **A.M. Ashraf**, S Ahmed, Graphite/rolled graphene oxide/carbon nanotube photoelectrode for water splitting of exhaust car solutionv, International Journal of Energy Research, 2020
https://doi.org/10.1002/er.5501

A.Tarek, N. Alfryyan, **A.M. Ashraf**, S. A. Ahmed, and M. Shaban. "Polyethersulfone blended with Titanium dioxide nanoribbons/Multi-Wall Carbon Nanotubes for strontium removal from water." Polymers 14, no. 7 (2022): 1390.
https://doi.org/10.3390/polym14071390