

Omar S Abdullah Al-Khazrajy

University of Baghdad, Iraq
Ibn al-Haitham college
Department of Chemistry
omar.s.a@ihcoedu.uobaghdad.edu.iq

Education

- 1- PhD Environmental/ Analytical Chemistry (University of York, UK, 2018).
- 2- Msc. Chemistry/ Analytical Chemistry (University of Baghdad, Iraq, 2006).
- 3- Bsc. Chemistry (University of Baghdad, Iraq, 2000).

Research Experience

- 2009 – 2013 **Assistant Lecturer of analytical chemistry**
University of Baghdad, Department of Chemistry
Baghdad, Iraq
- 2013 – Now **Lecturer of analytical chemistry**
University of Baghdad, Department of Chemistry
Baghdad, Iraq

Skills & Activities

Skills Environmental Analytical Chemistry, Liquid Chromatography, Analytical Chemistry Instrumentation, Mass Spectrometry, Solid Phase Extraction, High-Performance Liquid Environment, Adsorption, Sorption, Environmental Science, Sediment Pollution

Languages Arabic, English (professional).

Memberships Chemical safety committee (Department of Chemistry, University of Baghdad), 2018- Now.
SETAC (Society of Environmental Toxicology and Chemistry),

Europe, 2014- Now.

Royal Society of Chemistry (RSC), UK, 2013- Now.

Latest Journal Publications

Mohd Anuar Mohd Firdaus, Annika Agatz, Mark E. Hodson, Omar S. A. Al-Khazrajy, Alistair B.A. Boxall: *Fate, Uptake and Distribution of Nanoencapsulated Pesticides in Soil-Earthworm Systems, Implications for Environmental Risk Assessment: Nanopesticide uptake into earthworms*. Environmental Toxicology and Chemistry 01/2018; 37(5)., DOI:10.1002/etc.4094

Omar S. A. Al-Khazrajy, Ed Bergström, Alistair B.A. Boxall: *Factors affecting the dissipation of pharmaceuticals in freshwater sediments: Dissipation of pharmaceuticals in freshwater sediments*. Environmental Toxicology and Chemistry 10/2017; 37(3)., DOI:10.1002/etc.4015

Omar S.A. Al-Khazrajy, Alistair BA Boxall: *Determination of pharmaceuticals in freshwater sediments using ultrasonic-assisted extraction with SPE clean-up and HPLC-DAD or LC-ESI-MS/MS detection*. Analytical methods 07/2017; 9(28)., DOI:10.1039/C7AY00650K

Omar S.A. Al-Khazrajy, Alistair B.A. Boxall: *Impacts of compound properties and sediment characteristics on the sorption behaviour of pharmaceuticals in aquatic systems*. Journal of hazardous materials 05/2016; 317., DOI:10.1016/j.jhazmat.2016.05.065

Omar S. A. Al-Khazrajy, Alistair B. A. Boxall: *Risk-based prioritization of pharmaceuticals in the natural environment in Iraq*. Environmental Science and Pollution Research 04/2016; 23(15)., DOI:10.1007/s11356-016-6679-0

Dhafir T. Ajeel Al-Heetimi, Muna Abdul Rasool Kadhumand, Omar S. Alkhazrajy: *Adsorption of Ciprofloxacin Hydrochloride from Aqueous Solution by Iraqi Porcelinaite Adsorbent*. DOI:10.22401/JNUS.17.1.06