



**Bibliography Prof. Dr. Mohammed A. Al-Anber**

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**Mohammed A. Al-Anber** studied BSc and MSc in Industrial Chemistry/ Inorganic Material Polymers at the Jordan University of Science & Technology, Jordan (1994-2000). In 2003, he obtained the Ph.D degree in the Inorganic Chemistry under the direction of Prof. Dr. H. Lang from the Institute of Chemistry, Technische Universitat Chemnitz, Germany. In 2006, he awarded Alexander von Humboldt Foundation (AvH). During 2007 -2008, he received Postdoctoral in the supramolecular metal-organic framework and polymers at the Institute of Chemistry, Technische Universitat Chemnitz, Germany. He joined the Faculty of science as a faculty member in 2004 – 2011 at Mutah University (Jordan). Afterwards in 2011-2016, He joined university of Hail (KSA) as sabbatical and unpaid vacation. In the period 2011-2016, he was a Vice-Dean for scientific research and Higher education, university of Hail (KSA). Since 2015, he is a full professor in the field of Industrial Inorganic Chemistry. A call to Qatar University 2013 was not taken. In 2017-2018, he was a head of chemistry department, then in 2018-2019 as a Vice-Dean, faculty of sciences, Mutah University, Jordan. He is member of scientific and editorial advisory boards, and has published 60 Peer-reviewed papers and received honors and awards. He has h-index = 13 based on Scopus goes to 14 during 2021. Since Sep. 2020, he is Vice-Dean of Deanship of scientific research at Mutah University, Jordan. His research interests are in the (i) fabrication of silica gel, and (ii) synthesis of the metal-organic framework including (nano)materials for environmental and industrial approach.

**Recent Publication 2020-2021:**

- 1- Al-Anber, M.A., Al-Adaileh, N., Al-Momani, I.F., Al-Anber, Z. Encapsulation of 4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedione into the silica gel matrix for capturing uranium(VI) ion species. *Journal of Radioanalytical and Nuclear Chemistry*, 329 (2021) 865-887
- 2- Zaitoun, M.A., Al-Anber, M.A., Al Momani, I.F. Sorption and removal aqueous iron(III) ion by tris(2-aminoethyl)amine moiety functionalized silica gel. *International Journal of Environmental Analytical Chemistry*, 2020, 100(13), pp. 1446–1467
- 3- Al-Anber, M.A., Al-Momani, I.F., Zaitoun, M.A., Al-Qaisi, W. Inorganic silica gel functionalized tris(2-aminoethyl)amine moiety for capturing aqueous uranium (VI) ion. *Journal of Radioanalytical and Nuclear Chemistry*, 2020, 325(2), pp. 605–623
- 4- Al-Limoun, M., Qaralleh, H.N., Khleifat, K. Al-Anber M., ...Matar, S.A., Al-Soub, T. Culture media composition and reduction potential optimization of mycelia-free filtrate for the biosynthesis of silver nanoparticles using the fungus *trichoderma reesei* w5h *Current Nanoscience*, 2020, 16(5), pp. 757–769