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- ادرس المرحلة الاولى تحليلية عملي منذ 2012 الى الان
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• البحوث المنشورة

1. Metal-Ligand Stability Constants and Thermodynamic Study of Mn(II) and Cd(II) Metal Ion Complexes with the ligand 2-Oxo-2H-Chromene-3-Carbohydrazide, Journal of Chemical and Pharmaceutical Sciences, Volume 10 Issue 3, July - September 2017
2. Spectrophotometric Determination Stability Constant by Classical and Modified Varagas Equations for ProcainePenicillin G using Diazotization Reaction Depending On Stoichiometric Curves, International Journal of ChemTech Research, Vol.10 No.3, pp 485-496, 2017
3. Spectrophotometric Determination of Doxycycline Hyclate in Pure and Capsule using Diazotization Reaction, Al-Mustansiriyah Journal of Science Vol. 27, No 5, 2016
4. Two Derivative Spectrophotometric Methods for the Simultaneous Determination of 4-AminoAntipyrine in Presence of Its Acidic Products, Al-Haitham Jour. for Pure & Appl. Sci. Vol. 31 (1) 2018
5. Removal of doxycycline hyclate by adsorption onto cobalt oxide at three different temperatures: isotherm, thermodynamic and error analysis, International Journal of Environmental Science and Technology, 2019

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7. Kinetics study of Removal Doxycycline drug from aqueous solution using Aluminum Oxide surface, Egyptian journal of chemistry, 2019.
8. Isotherm and pH Effect Studies of Tetracycline Drug Removal from Aqueous Solution Using Cobalt Oxide Surface, Al-Nahrain Journal of Science, 2019
9. Zero order and first Derivative Spectrophotometric Determination of pb (II) by Complex with N, N'-cyclohexane-1, 2-diylidene-bis (4-methoxybenzoylhydrazide)(CHMBH), Journal Of Wassit For Science & Medicin, 2018
10. Removal of Eriochrom Black T from aqueous solution using Al<sub>2</sub>O<sub>3</sub> surface: Linear and non-linear isotherm models, error analysis and thermodynamic studies, Materials Today: Proceedings, 2019
11. Smartphone Digital Image Using for Determination of DCH by a Diazotization Reaction, current analytical chemistry, 2020
12. Spectrophotometric Determination of Paracetamol using a Newly Synthesized Chromogenic Reagent 4-[(2-amino-1, 3thiazol-4-yl)amino]nitro benzene, Egyptian Journal of Chemistry, 2020
13. Applications of aluminum oxide and nano aluminum oxide as adsorbents: review, 2020
14. Removal of Eriochrome Black T Dye by Using Al<sub>2</sub>O<sub>3</sub> Nanoparticles: Central Composite Design, Isotherm and Error Analysis, Iranian Journal of Science and Technology, Transactions A: Science, 2020
15. Synthesis and characterization of a novel benzimidazole derivative: Solvatochromic and acid-base indicator applications, Materials today:proceeding, 2021
16. Removal of Cr(VI) from aqueous solution by using polyaniline/polycarbonates nanofibers composite: central composite design, isotherm, and error analysis, Desalination and Water Treatment, 2021.
17. An Overview of Using Error function in Adsorption Isotherm Modeling, Muthanna Journal of Pure Science, 2021.

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\*Ruba Fahmi Abbas has a master of chemistry at College of science. She received both her B.S. degree in Chemistry (2005) and her master degree in Analytical Chemistry (2012) from Al- Mustansiriyah University. She joined the faculty at College of science in 2005 and regularly teaches courses in analytical chemistry. Ruba Fahmi Abbas has co-authored more than 10 publications in scientific journals

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