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يعمل في الجامعة: منذ 2022

الحالة الاجتماعية:

المؤهلات الأكاديمية

M.Sc. in Quality Management. The Arab Academy for Science, Technology and Maritime Transport, Egypt, 2023

Ph.D. in Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Zagazig University, Egypt, 2018

M.Sc. in Pharmaceutical Chemistry, Faculty of Pharmacy, Zagazig University, Egypt., 2012

B.S. Pharmacy, Faculty of Pharmacy, Alexandria University, Egypt, 2004

الأنشطة البحثية

المنشورات -

مقال:

1. Leveraging Strengths of Green Chromatography in Developing Eco-friendly HPLC and HPTLC Methods for the Simultaneous Analysis of Lamivudine, Dolutegravir and Tenofovir alafenamide, Microchemical Journal, 207 (2024) 111645

2. Independent concentration extraction as a novel green approach resolving overlapped UV-Vis binary spectra and HPTLC-densitometric methods for concurrent determination of

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- Copper and Nitrogen-doped Carbon Quantum Dots as Green Nano-Probes for Fluorimetric Determination of Delafloxacin; Characterization and Applications. *Analytica Chimica Acta* (2024): 343175
- Investigating Trace and Macro-element Composition of Herbal and Nutraceutical Dietary Supplements Marketed in Oman: Insights into Safety and Labeling. *Biological Trace Element Research*, (2024); DOI: 10.1007/s12011-024-04343-w
- Design, Characterization and Biopharmaceutical Applications of Novel Green Boron-Carbon Quantum Dots for Quantification of Apalutamide; Greenness Evaluations. *Journal of Fluorescence*, (2024) <https://doi.org/10.1007/s10895-024-03802-w>
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- Verapamil-Loaded Cubosomes for Enhancing Intranasal Drug Delivery: Development, Characterization, Ex Vivo Permeation, and Brain Biodistribution Studies. *AAPS PharmSciTech*, 25 (2024) 95
- Tracking the Variations in Trace and Heavy Elements in Smoking Products Marketed in Oman and Egypt: Risk Assessment After Implementation of Constraining Protocols. *Biological Trace Element Research*, (2024). <https://doi.org/10.1007/s12011-024-04182-9>
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- Design, Characterization, and Bioanalytical Applications of Green Terbium-and Nitrogen-Doped Carbon Quantum Dots as a Fluorescent Nanoprobe for Omadacycline Analysis. *Applied Spectroscopy*, 78 (2024) 329-339
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- Integrating micellar HPLC and green analytical chemistry tools in greenness assessment of five commonly Co-formulated antidiabetic drugs. *Sustainable Chemistry and Pharmacy*, 35 (2023) 101199
- Fast and Sensitive Bioanalytical Method for the Determination of Deucravacitinib in Human Plasma Using HPLC-MS/MS: Application and Greenness Evaluation. *Molecules*, 28 (2023) 5471
- Recent Advances in Chiral Selectors Immobilization and Chiral Mobile Phase Additives in Liquid Chromatographic Enantio-separations; A Review. *Journal of Chromatography A*, 1706 (2023) 464214
- Development of cysteine-doped MnO₂ quantum dots for spectrofluorimetric estimation of copper: applications in different matrices. *Analytical and Bioanalytical Chemistry*, 415 (2023)

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- Evaluation of Biofloc-Based Probiotic Isolates on Growth Performance and Physiological 2023 .21
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- Toxic Elemental Impurities in Herbal Weight Loss Supplements; A Study Using ICP-OES 2023 .23
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- An Innovative Polymer-Based Electrochemical Sensor Encrusted with Tb Nanoparticles 2023 .24
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- Comparison between Calixarene and conventional HPLC-phases concerning with 2014 .65
separation of antihypertensive drugs. Journal of Liquid Chromatography & Related Technologies,
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الأنشطة الاستشارية

- Pharmaceutical Quality Consultant, OTC Pharma, Sabaa Pharm, Egypt, 2019- 2021
Pharmaceutical Quality Control Manager, GYPTO Pharma, Egypt, 2020- 2021

العضوية في الهيئات المهنية

- Society for Applied Spectroscopy, USA :الآن-2023
Egyptian Pharmacy Syndicate :الآن-2004

