FUTURE
UNIVERSITY IN EGYPT
جامعة المستقبل

Basic Information :

Name :	Ola Gamal
Title :	Lecturer

Ola Gamal, Teaching Assistant of Analytical Chemistry - Department of pharmaceutical chemistry.
Graduated from faculty of pharmacy future university in egypt Class 2013.

Education:

Certificate	Major	University	Year
PhD			2024
Masters			2021
Bachelor			2013

Teaching Experience:

Name Of Organization	Position	From Date	To Date
FUE	Lecturer	16/02/2014	Current

Researches / Publications :

Portable Arduino- integrated RGB sensing and spectrophotometric platforms for glucose determination using Fe,N-co-doped carbon dot nanozyme: A comparative analytical evaluation
One-pot synthesis of Au/GO nanozymes: enhanced catalytic activity via in situ chemical reduction
Copper-carbidopa nanoparticles as highly active laccase-mimics for colorimetric detection and oxidative catalysis of o-phenylenediamine
A smart nanozyme-based platform integrated with an Arduino portable device for concurrent chloramphenicol degradation and multifunctional colorimetric sensing
Application of a g-C3N4@nZVI/CNTs Modified Carbon Paste Electrode for Uric Acid Detection in Spiked Urine Samples
Silica-templated porous nanoparticles with multifunctional surface groups for sensitive colorimetric detection of glucose and hydrogen peroxide
Electrochemical sensor modified with heterostructure of graphitic carbon nitride/gold nanoparticles for non-invasive uric acid detection in saliva
Eco-Friendly Spectrophotometric Methods for Resolving the Spectral Inference of Benzalkonium Chloride During Alcaftadine and Ketorolac Tromethamine Quantification
Arduino-based portable point-of-care colorimetric glucose biosensor using nanozyme with enhanced peroxidase-like activity
Catalytic activity study of a laccase-like copperï gallic acid MOF and its applications in the colorimetric determination of norepinephrine and degradation of environmental pollutants
Potentiometric Ion-Selective Electrode for The Determination of Antazoline in Different Formulations and Biological Fluids using Biomimetic Receptors
An integrated paradigm between green analytical chemistry and quality-by-design for robust analysis of alcaftadine and ketorolac tromethamine in aqueous humor via sustainable chromatographic methods
A novel green spectrofluorimetric method for simultaneous determination of antazoline and tetryzoline in their ophthalmic formulation
Novel Carbon Nanotubes/Gold Nanoparticles Modified Carbon Paste Electrochemical Sensor for Antazoline Determination in Aqueous Humor
A Novel Spectrofluorimetric Determination of Antazoline and Xylometazoline in their Ophthalmic Formulation; Green Approach and Evaluation
Impressive merger between green analytical approaches and quality- by- design for alcaftadine determination in eye drops and rabbit aqueous humor; application to stability study by two validated chromatographic methods

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Exquisite integration of quality-by-design and green analytical approaches for simultaneous determination of xylometazoline and antazoline in eye drops and rabbit aqueous humor, application to stability study
Green TLC-Densitometric Method for Simultaneous Determination of Antazoline and Tetryzoline: Application to Pharmaceutical Formulation and Rabbit Aqueous Humor
Spectrophotometric platform windows' exploitation for the green determination of Alcaftadine in presence of its oxidative degradation product
Novel Stability-Indicating TLC-Densitometric Method for Quantification of Antazoline and Tetryzoline; Application to Pharmaceutical Formulation
Novel solid-contact ion-selective electrode based on a polyaniline transducer layer for determination of alcaftadine in biological fluid
Analytical Eco-Scale for Evaluating the Greenness of Advanced Voltammetric Method Used for the Simultaneous Analysis of combined urinary tract infection drugs in different matrices
Stability Indicating TLCï Densitometric Method for Determination of Alcaftadine in Presence of its Degradation Products and Dosage form Preservatives
Arduino-based portable point-of-care colorimetric glucose biosensor using nanozyme with enhanced peroxidase-like activity
Electrochemical sensor modified with heterostructure of graphitic carbon nitride/gold nanoparticles for non-invasive uric acid detection in saliva
Dual-sensor potentiometric platform utilizing ɓ-cyclodextrin ionophores and Cu-gallic MOFs for ophthalmic drugs determination in rabbit aqueous humor

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