

Department

Pharmaceutical Analytical Chemistry

Publications

	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journal quartile	Impact factor
.1	First electropolymerized carbidopa-based molecularly imprinted film: Disposable electrochemical sensor for monitoring of anti-COVID-19 drug favipiravir in human plasma	Microchemical Journal, 2024	Hend Z. Yamani, Noha F El Azab	-----	Q1	4.82
.2	A new eco-friendly electrochemical sensing platform for monitoring of agomelatine in different matrices with sub-nanomolar detection limits	Sustainable Chemistry and Pharmacy, 2023	Hend Z. Yamani	Shimaa A. Atty Egyptian Drug Authority (EDA)	Q1	5.464
.3	Cobalt oxide nanoparticles modified coated graphite potentiometric sensor for quantification of sulfacetamide sodium in its pharmaceutical dosage form and spiked rabbit aqueous humor samples with greenness assessment	Microchemical Journal, 2023	Nermine V. Fares, Miriam F. Ayad	Passant M. Medhat, Christine M. El Maraghy Faculty of Pharmacy, October University for Modern Sciences and Arts (MSA)	Q1	4.82
.4	A comparative study of green solid contact ion selective electrodes for the potentiometric determination of Letrozole in dosage form and human plasma	Scientific Reports, 2023	Sherin M. Alqirsh, Nancy Magdy, Maha F. Abdel-Ghany, & Noha F. El Azab	-----	Q1	4.996
.5	Different spectrophotometric methods for simultaneous quantitation of Vericiguat and its alkaline degradation product: a comparative study with greenness profile assessment	Scientific Reports, 2023	Noha F. El Azab, Nancy Magdy	Doaa M. Mustafa	Q1	4.996

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.6	Eco-friendly monitoring of triclosan as an emerging antimicrobial environmental contaminant utilizing electrochemical sensors modified with CNTs nanocomposite transducer layer	BMC Chemistry, 2023	Nardine Safwat, Amr M. Mahmoud, Maha F. Abdel-Ghany, & Miriam F. Ayad	-----	Q1	4.095
.7	Hydrophilic interaction liquid chromatography (HILIC) with DAD detection for the determination of relatively non polar fungicides in orange samples	Microchemical Journal, 2023	Nermine V.Fares, Yasmeen A.A. Hassan, Lobna A. Hussein, & Miriam F. Ayad	-----	Q1	4.82
.8	Point-of-care diagnostics for rapid determination of prostate cancer biomarker sarcosine: application of disposable potentiometric sensor based on oxide-conductive polymer nanocomposite	Analytical and Bioanalytical Chemistry, 2023	Hend Z. Yamani, Nardine Safwat, Miriam Farid Ayad, & Maha F. Abdel Ghany	Amr M Mahmoud Faculty of Pharmacy, Cairo university	Q1	4.478
.9	Greenness and whiteness evaluated triple divisor-continuous wavelet transform spectrophotometric and advanced chemometric methods for the simultaneous determination of four photoinitiators in saliva and intravenous injection solution	Sustainable Chemistry and Pharmacy, 2023	Amira M.El-Kosasya, Nancy Magdy Noha M.El Zahar, & Mirna Gamil	-----	Q1	5.464
.10	Solid-state ion-selective electrodes for the first potentiometric determination of the anti-COVID 19 drug	Microchemical Journal, 2023	Noha F. El Azab	Neven Ahmed Egyptian Drug Authority (EDA)	Q1	4.82

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	Remdesivir in human plasma; A comparative study					
.11	The first validated stability-indicating HPLC/DAD method for quantitation of Vericiguat in its pharmaceutical formulation; Application to degradation kinetic studies	Talanta, 2023	Noha F. El Azab, Nancy Magdy	Doaa M. Mustafa	Q1	4.9
.12	A sensitive LC–MS/MS method for the quantification of the plant toxins hypoglycin A and methylenecyclopropylglycine and their metabolites in cow's milk and urine and application to farm milk samples from Germany	Analytical and Bioanalytical Chemistry, 2023	Ahmed H El-Khatib,	Julika Lamp, Stefan Weigel Research Institute of Nutrition and Food, Germany	Q1	4.2
.13	Excitable systems: A new perspective on the cellular impact of elongate mineral particles	Environmental Research, 2023	Mona Hamdy Abdelrahman	ShuyaoGu, AbbyBullab, Jeneh K.Perry, Amilee Huang, Matt J.Hourwitz, John T.Fourkas, Andrey A.Korchevskiy, Ann G. Wylie, Wolfgang Losert University of Maryland USA	Q1	8.431
.14	A Novel, Sustainable, and Eco-Friendly Spectrophotometric and Chemometric Approach for Determination of Severely Overlapped Spectrum via Unified Regression Equation: Greenness and Whiteness Assessment	Journal of AOAC, 2023	Maha Farouk, Nermine V Fares	Ahmed Hemdan, Ragaa Magdy Ahram Canadian University	Q2	1.9
.15	Development of a Validated Stability-Indicating HPLC/DAD Method for Determination of Vericiguat in the Pharmaceutical Formulation; Application to Degradation Kinetic Study	Social Science Research Network (SSRN), 2023	Noha F. El Azab Nancy Magdy	Doaa M. Mustafa		

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.16	High-Sensitive and Selective Spectroscopic Detection of Guaifenesin in Multiple Dosage Forms and Human Plasma	Social Science Research Network (SSRN), 2023	Neven mikawy, Nancy Magdy, Marwa H. Mohamedm Amira M. El-Kosasy	-----		
.17	UV Spectrophotometric Method Development and validation of vonoprazan fumarate in Bulk and pharmaceutical Dosage form; Green Profile Evaluation Via eco-scale And GAPI Tools	Egyptian Journal of Chemistry, 2023	Amira M.El-Kosasya, Nermine V Fares	Ahmed Mohamed Saleh Faculty of pharmacy, Horus University	Q3	0.229
.18	One-pot synthesis of N-doped carbon dots from microwave-irradiated egg white: application to raspberry ketone assay by photo-induced charge transfer fluorescence sensing	Chemical Papers, 2023	Sarah H. Abdelaal, Amira M. El-Kosasy & Mona H. Abdelrahman	-	Q3	2.1
.19	Simultaneous Determination of Montelukast Sodium and Loratadine by Eco-Friendly Densitometry and Spectrophotometric Methods	Journal of Chromatographic Science, 2023	Amira M El-Kosasy	Fatma A Fouad, Shimaa A Mahmoud Al-Azhar University	Q3	1.6
.20	Optimization of feather degradation by a <i>Bacillus thuringiensis</i> isolate using response surface methodology and investigation of the feather protein hydrolysate structure	Biotechnology and Applied Biochemistry, 2022	Yossra A. Trabik	Nooran Sherif Elleboudy, Mabrouk Aboulwafa Microbiological department	Q3	2.7
21.	A validated UHPLC-MS/MS method for simultaneous quantification of some repurposed COVID-19 drugs in rat plasma: Application to a pharmacokinetic study	Microchemical Journal, 2022	Noha F El Azab.	----	Q1	4.82
.22	Central Composite Design As an Analytical Optimization Tool for the Development of Eco-friendly HPLC-PDA Methods for Two	Microchemical Journal, 2022	N.V. Fares, Maha Farouk	Ragaa Magdy, A. Hemdan	Q1	4.82

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	Antihypertensive Mixtures Containing The Angiotensin Receptor Blocker Valsartan: Greenness Assessment by Four Evaluation Tools			Faculty of Pharmacy Ahram Canadian University		
.23	Green, bioanalytically validated chromatographic method for the determination and quantification of photoinitiators in saliva in contact with baby bibs, teethingers and pacifiers	Microchemical Journal, 2022	Amira M.El- Kosasya , Nancy Magdy Noha M.El Zahar, Mirna Gamil	-----	Q1	4.82
.24	Dietary supplement mislabelling: case study on selected slimming products by developing a green isocratic HPLC method for their quality control	Scientific Reports, 2022	Noha F El- Azab, Sarah H Abdelaal, Amira M El- Kosasy	Said A Hassan, Faculty of Pharmacy Cairo University	Q1	4.99
.25	5-Halogenation of Uridine Suppresses Protonation-Induced Tautomerization and Enhances Glycosidic Bond Stability of Protonated Uridine: Investigations via IRMPD Action Spectroscopy, ER-CID Experiments, and Theoretical Calculations.	Journal of the American Society for Mass Spectrometry, 2022	Neven N. Mikawy	, H. A. Roy, E. Israel, L. A. Hamlow, Y. Zhu, G. Berden, J. Oomens, C. E. Frierler, and M. T. Rodgers	Q2	3.1
.26	Point-of-care diagnostics for therapeutic monitoring of levofloxacin in human plasma utilizing electrochemical sensor mussel-inspired molecularly imprinted copolymer	Journal of Electroanalytical Chemistry, 2022	Noha F.El Azab, Yossra A.Trabik	Amr M.Mahmoud Faculty of Pharmacy, Cairo University	Q1	4.59
.27	Co-Occurrence of Hypoglycin A and Hypoglycin B in Sycamore and Box Elder Maple Proved by LC-MS/MS and LC-HR-MS	Toxins, 2022	Ahmed H. El- Khatib	Anna Maria Engel, Stefan Weigel German Federal Institute for Risk Assessment	Q1	5.07
.28	Procedure providing SI-traceable results for the calibration of protein	Analytical and Bioanalytical Chemistry, 2022	Ahmed H. El- Khatib	Lemke N , T tchipilov, N Jakubowski,	Q1	4.4

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	standards by sulfur determination and its application on tau			Michael G. Weller & Jochen Vogl Bundesanstalt für Materialforschung ,und -prüfung (BAM) Berlin		
.29	Development and validation of molnupiravir assessment in bulk powder and pharmaceutical formulation by the RP-HPLC-UV method	RSC Advances, 2022	Noha M. El Zahar	Abdelaziz M. Annadi, Nour El-Din A. Abdel-Sattar, Mohamed S. Attia Faculty of Science, Ain Shams University Ekram H. Mohamed, Safwat, A. Mahmoud	Q1	4.03
.30	Simultaneous determination of Avanafil and Dapoxetine in human plasma using liquid chromatography/tandem mass spectrometry (LC-MS/MS) based on a protein precipitation technique	RSC Advances, 2022	Noha M. El Zahar	Mona N. Abou-Omar, Abdelaziz M. Annadi, Ahmed. O. Youssef, Mohammed A. Amin, Mohamed S. Attia, Ekram H. Mohamed	Q1	4.03
.31	Development of distribution maps of spectrally similar degradation products by Raman chemical imaging microscope coupled with a new variable selection technique and SIMCA classifier	Spectrochimica Acta Part A, 2022	Amira M. El-Kosasy	Ahmed A. Saleh, Maha Hegazy, Samah Abbas, Faculty of Pharmacy, Cairo University	Q2	4.09
.32	In Vitro Dissolution Profile of Antihypertensive Mixture: Comparison Between Multivariate Methods and Statistical and Graphical Representation of Different Univariate Spectrophotometric Data	Journal of AOAC International, 2022	Maha F Abdel-Ghany, N V Fares	Ragaa Magdy, A. Hemdan, A.Hemdan Faculty of Pharmacy Ahran Canadian university	Q2	1.9
.33	Graphene-based Disposable Electrochemical Sensor for Chlorhexidine Determination	Electroanalysis, 2022	Nancy Magdy, Ahmed E. Sobaih, Lobna A. Hussein	Amr M. Mahmoud, Faculty of Pharmacy Cairo University	Q2	3.223

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.34	Ultra-Performance Liquid Chromatographic and Densitometric Methods for Sensitive Determination of Xipamide and Triamterene in Pure and Pharmaceutical Dosage Forms	Journal of AOAC International, 2022	Maha F Abdel-Ghany, N V Fares	Haitham A El Fiky, Amr M Badawy Faculty of Pharmacy Future University	Q2	1.9
.35	Smart Eco-Friendly Spectrophotometric Methods Resolving Highly Overlapping Spectra: Application to Veterinary Antibiotic Injections	Journal of AOAC International, 2022	Miriam F Ayad, Yossra A Trabik	Nesma M Fahmy, Hind A Abdullatif, Adel M Michael, Faculty of Pharmacy, Ahran Canadian University, Cairo	Q2	1.9
.36	A Pilot Model for the Treatment of Slaughterhouse Wastewater Using Zeolite or Psidium-Leaf Powder as a Natural Coagulant, Followed by Filtration with Rice Straw, in Comparison with an Inorganic Coagulant	Processes, 2022	Yossra Ahmed Trabik	Fatma Abouelenien, Nagham Rafeek Elsaïdy & Mustafa Shukry , Faculty of Veterinary Med, Kafer Elshikh University Mohamed El-Sharnouby, Samy Sayed , Ahmed Gaber, University College-Ranyah, Taif University	Q2	2.7
.37	Enhancement Effects of Water Magnetization and/or Disinfection by Sodium Hypochlorite on Secondary Slaughterhouse Wastewater Effluent Quality and Disinfection By-Products	Processes, 2022	Mona Hamdy Abdelrahman	Nagham Rafeek Elsaïdy, Nooran S. Elleboudy, Adel Alkhedaide, Fatma Abouelenien, Mohamed Mohamed Soliman, Mustafa Shukry	Q2	2.7
.38	Fourier Transform Infrared Spectroscopic, Spectrofluorimetric Assays of Canagliflozin, and Stability- Indicating UV-Spectrophotometric Method for the Simultaneous Determination of Canagliflozin and Metformin	Journal of AOAC International, 2022	Maha Farouk, Yossra A. Trabik	Sarah Elnadi B / Samah Abdalsabour, National Organization for Drug Control and Research (NODCAR),	Q2	1.9

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.39	Simultaneous Quantification of a Neoadjuvant Treatment Used in Locally Advanced Breast Cancer Using an Eco-Friendly UPLC-MS/MS Method: A Pharmacokinetic Study in Rat Plasma	Separations, 2022	Noha F El Azab, Noha M El Zahar, Sherif Okeil	Faizah A Binjubair, Sara T Al-Rashood, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Saudi Arabia	Q2	3.34
.40	Application of two different spectrophotometric approaches for the determination of a new antihypertensive combination: Graphical and statistical representation of the data	European Journal of Chemistry, 2022	Maha F Abdel-Ghany, N V Fares	Ragaa Magdy, A. Hemdan, A.Hemdan Faculty of Pharmacy Ahram Canadian university	-	0.5701
.41	Critical assessment of smart calculation-based spectroscopy versus chemometric-assisted methods: Application to combined antibiotic formulations	European Journal of Chemistry, 2022	Yossra Ahmed Trabik; Miriam Farid Ayad	Hind Ali Abdullatif; Adel Magdy Michael	-	0.5701
.42	Validated Chromatographic Methods for Determination of Pioglitazone and Glimepiride in Pharmaceutical Dosage Form and in Human Plasma	Journal of Chromatography & Separation Techniques, 2022	Miriam Farid, Mona H.Abdel Rahman	Dina Atef, Safaa M. Riad Faculty of Pharmacy University of Modern Science and Arts	-	4.8
.43	The role of carbonaceous materials as water channels in membrane sensors together with acrylate polymerized cyclodextrin, for determination of azoxystrobin in canned food	Research square, 2022	Miriam F Ayad, Amira M El-Kosasy	Shereen M Tawakkol, Ahmed S Fayed, Ahmed I Sheta	Preprint	
.44	Different methods for physical and chemical elimination of strobilurin fungicides from wastewater	Research square, 2022	Miriam F Ayad, Amira M El-Kosasy	Shereen M Tawakkol, Ahmed S Fayed, Ahmed I Sheta		
.45	Investigation of Pharmacokinetic Parameters of Trelagliptin in Egyptian Volunteers Using Sensitive	Journal of Analytical Methods, 2021	Mariam M. Tadro	Shereen Mowaka, Nermeen	Q2	2.5

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	LC-MS/MS: A Comparative Study with a Japanese Population			Ashoush, and Bassam M. Ayoub		
.46	A Highly Sensitive Disposable In-House Screen-Printed Electrodes for Determination of 3,5-di-tert-butyl-4-hydroxybenzoic Acid Aided by Essential Green Chemistry Tools: Application in Nile River Samples and Human Urine	Journal of The Electrochemical Society. 2021	Nada S. Zamzam, Mona H. Abdelrahman	Hassan A. M. Hendawy NODCAR Ahmed M. Abdel-Raouf Faculty of Pharmacy, Al-Azhar University	Q1	4.38
.47	Comparative Study of Different Spectrophotometric Methods for Simultaneous Determination of Tramadol and Paracetamol in Pharmaceutical Formulations	Journal of Applied Spectroscopy, 2021	L. A. Hussein, N. Magdy	D. S. NakhlaPharmaceutics and College of Pharmacy at University of Iowa, I. A. Abdallah, Faculty of Pharmacy, University of Sadat City	Q4	0.816
.48	Stability indicating RP-HPLC and spectrophotometric methods for determination of gliflozins in their mixture with metformin	Journal of the Iranian Chemical Society, 2021	Abdalghany, M. F., & Trabik, Y. A.	Sarah Elnadi & Samah Abdalsabour National Organization for Drug Control and Research (NODCAR)	Q3	2.019
.49	Universal procedures for spectrophotometric determination of anticoccidial drugs; application to multi-ingredient veterinary formulation & computational investigations for multivariate analysis	Central European Journal of Chemistry, 2021	Abbas, M., Amira M El, Kosasy, AbdelAziz, L. Nancy Magdy,	----	----	0.508
.50	Simultaneous quantitative determination of insulin aspart & insulin degludec in human plasma	Biomedical Chromatograph, 2021	Amira M.El- Kosasy, Miriam F.Ayad	Eman A.Abdelwaly, Egyptian Drug Authority, Central Administration of Biological and	Q4	1.902

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	using simple shoot liquid chromatography method			Innovative Products and Clinical Studies Abeer A. Mohamed, Pharmaceutical Chemistry Department, Faculty of Pharmacy, Heliopolis University		
.51	Green UHPLC Method for Simultaneous Determination of Febuxostat and Diclofenac in Pharmaceutical Dosage Form and Human Plasma	Journal of Analytical Sciences, Methods and Instrumentation, 2021	Amira M. El-Kosasy	Fatma A. Fouad, Shimaa A. Mahmoud, Analytical Chemistry Department, Faculty of Pharmacy, Al- Azhar University	Q3	1.14
.52	Determination of fungicides' residues and their degradation kinetics in orange tree fruits using liquid chromatography – Tandem mass spectrometry coupled with QuEChERS method	Microchemical Journal, 2021	Nermine V.Fares, Yasmee n A.A. Hassan, Lobna A. Hussein, Miriam F. Ayad	---	Q1	4.821
53.	Investigation of a QuEChERS-Based Method for Determination of Polycyclic Aromatic Hydrocarbons in Rat Plasma by GC-MS	Journal of Analytical Toxicology, 2021	Noha F El Azab, Yossra A Trabik	Said F Hotar	Q2	3.367
54.	Spectrophotometric Determination of Polyvinyl Pyrrolidone in Pure and Pharmaceutical Dosage Form	Journal of AOAC International, 2021	Nourhan Kh Al-Afify, Yossra A Trabik, Amira M El-Kosasy, Nancy Magdy	---	Q3	1.913
55.	Application of Precipitation-based and Nanoparticle-based Techniques for Fabrication of Potentiometric Sensors for Nano Molar Determination of Chitosan and Polyvinyl Pyrrolidone in Pharmaceutical Formulations and Biological Fluids	Electroanalysis, 2021	Nourhan Kh Al-Afify, Yossra A Trabik, Amira M El, Kosasy, Nancy Magdy	---	Q2	3.223

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56.	A comprehensive stability assessment of insulin degludec using New customized validated RP-HPLC and SEC-HPLC methods in an orthogonal testing protocol	Journal of Pharmaceutical and Biomedical Analysis, 2021	Amira M.El-Kosasy, Miriam F.Ayad	Eman A.Abdelwaly, Abeer A.Mohamed	Q2	3.935
57.	Quality control of dietary supplements: An economic green spectrofluorimetric assay of Raspberry ketone and its application to weight variation testing	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2021	Sarah H.Abdelaal, Noha F.El Azab, Amira M.El-Kosasy	Said A.Hassan	Q1	4.098
58.	In situ monitoring of triclosan in environmental water with subnanomolar detection limits using eco-friendly electrochemical sensors modified with cyclodextrins	Environmental Science: Processes & Impacts, 2021	Nardine Safwat , Maha F. Abdel-Ghany, Miriam F. Ayad	Amr M. Mahmoud	Q1	4.238
59.	Influence of Nitrogen-Doped Carbon Dot and Silver Nanoparticle Modified Carbon Paste Electrodes on the Potentiometric Determination of Tobramycin Sulfate: A Comparative Study	Chemosensors, 2021	Nermine V. Fares, Sherif Okeil, Miriam F. Ayad	Passant M. Medhat, Christine M. El Maraghy	Q3	3.398
60.	A Novel Glassy Carbon Electrode Modified with Multi-Walled Carbon Nanotubes for Potentiometric Xipamide Determination	Journal of The Electrochemical Society, 2021	Maha F. Abd El Ghany and Nermine V. Fares	Mahmoud A. Tantawy, Haitham A. El Fiky, Amr M. Badawey,	Q2	4.316
61.	Assessment of brain-to-blood drug distribution using liquid chromatography	Biomedical Chromatography, 2021	Noha M. El Zahar,	J. Michael Sutton, Michael G. Bartlett	Q4	1.902
62.	Economic Spectrofluorometric Bioanalysis of Empagliflozin in Rats' Plasma	Journal of Analytical Methods in Chemistry, 2021	Mariam Tadros, Noha El Zahar	Haidy Michel, Bassam Ayoub	Q3	2.193
63.	Oligonucleotide Anion Adduct Formation Using Negative Ion Electrospray Ion-Mobility Mass Spectrometry	Journal of the American Society for Mass Spectrometry, 2021	Noha M. El Zahar	James Michael Sutton, Jaeah Kim, Michael G. Bartlett	Q2	3.109

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64.	Repurposing of Omarigliptin as a Neuroprotective Agent Based on Docking with A2A Adenosine and AChE Receptors, Brain GLP-1 Response and Its Brain/Plasma Concentration Ratio after 28 Days Multiple Doses in Rats Using LC-MS/MS	Molecules, 2021	Mariam M. Tadros	Bassam M. Ayoub ,Haidy E. Michel ,Shereen Mowaka ,Moataz S. Hendy	Q2	4.412
65.	Mathematical filtration of quaternary mixture to the zero order spectra of its individual components	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2021	Abdel-Aziz, L.,	Abdelrahman, M. H., Fahmy, N. M., Hesham, K., Tawakkol, S. M.,	Q1	4.098
66.	Three Different Approaches Based on Derivative Ratio Spectra for Spectrophotometric Resolution of Quaternary Mixture in Semisolid Dosage Form.	Journal of AOAC International, 2021	Abdel-Aziz, L.,	Abdelrahman, M. H., Fahmy, N. M., Hesham, K., Tawakkol, S. M	Q3	1.913
.67	Potentiometric Carbon Quantum Dots-Based Screen-Printed Arrays for Nano-Tracing Gemifloxacin as a Model Fluoroquinolone Implicated in Antimicrobial Resistance	Chemosensors, 2021	Miriam F. Ayad, Yossra A.Trabik, Mona H. Abdelrahman, Nermine V. Fares, Nancy Magdy	---	Q2	3.29
.68	Sensitive Derivative Synchronous and Micellar Enhanced Ecofriendly Spectrofluorimetric Methods for the Determination of Atenolol, Diclofenac, and Triclosan in Drinking Tap Water	Journal of AOAC International, 2021	Nardine Safwat, Maha F Abdel-Ghany, Miriam F. Ayad	---	Q3	1.913
.69	Bioanalysis and biotransformation of oligonucleotide therapeutics by liquid chromatography- mass spectrometry	Mass spectrometry Reviews, 2021	Noha M. El Zahar	James Michael Sutton, Jaeah Kim, Michael G. Bartlett	Q1	9.72
.70	A potential breast cancer dual therapy using phytochemicals-loaded nanoscale penetration enhancing vesicles: A double impact weapon in the arsenal	Journal of Drug Delivery Science and Technology, 2020	Nermine V. Fares , Ahmed E. Sobaih , Sharbek , Mohamed	Hend Abd-Allah , Hind Atta, Nada Ramekh, Hala Khaled, Mina William, Jailan Adel, Ali Waheed, Yasmeena Hisham, Omar Mostafa, Dina Samir, Rania M. Hathout	Q1	5

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.71	Analytical comparability study of anti-CD20 monoclonal antibodies rituximab and obinutuzumab using a stability-indicating orthogonal testing protocol: Effect of structural optimization and glycoengineering	Journal of Chromatography B, 2020	Yossra A.Trabik, Miriam F. Ayad	M.Moenes, Medhat A.Al- Ghobashy, Marianne Nebsen	Q2	2.99
.72	New and validated RP-HPLC Method for Quantification of Safinamide Mesylate in Presence of Its Basic Degradate, Levodopa and Ondansetron: Application to Human Plasma	Journal of Chromatographic Science, 2020	Amira M El-Kosasy, Lobna A Hussein	Nesma M. Mohamed, Nahla N Salama	Q3	1.50
.73	Development of Advanced Chemometric-Assisted Spectrophotometric Methods for the Determination of Cromolyn Sodium and Its Alkaline Degradation Products	Molecules 2020,	Noha M. El-Zahar, Mariam M. Tadros	Bassam M. Ayoub	Q2	4.15
.74	Rosuvastatin dose should be case individualized: An observation from inherited hypercholesterolemia case study	Die Pharmazie, 2020	Tadros M. M., El Zahar N. M.	Ayoub, B. M. , Ashoush N Hendy M. S.; Mowaka S	Q2	1.17
.75	Enhanced Extraction Technique of Omarigliptin from Human Plasma— Applied to Biological Samples from Healthy Human Volunteers	Molecules 2020	Mariam Tadros, Noha El Zahar	Shereen Mowaa, Nermeen Ashoush, Bassam Ayoub	Q2	4.15
.76	In vitro metabolism of 2'- ribose unmodified and modified phosphorothioate oligonucleotide therapeutics using liquid chromatography mass spectrometry	Biomedical Chromatography, 2020	Noha M. El Zahar	Jaeah Kim, Michael G. Bartlett	Q3	1.66
.77	Avoiding COVID-19 complications with diabetic patients could be achieved by multi-dose Bacillus Calmette– Guérin vaccine: a case study of beta cells regeneration	Die Pharmazie, 2020	Tadros M. M	Ayoub B.M.; Ramadan E.; Ashoush N.; Hendy M. S.; Elmazar M. M.; Mousa S. A	Q2	1.17
.78	UPLC-MS/MS analysis of Sudan I, butylated-hydroxytoluene and its major metabolites from sampling sites along	Microchemical Journal, 2020	Nada S. Zamzam, Mona H. Abdel Rahman,	-----	Q2	3.594

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	the Nile river-Egypt: Environmentally evaluated study					
.79	Feasible oxidative degradates separation with instant quantification of two non-classical β -lactams by derivative UV spectrophotometry and TLC densitometry	Chemical papers, 2020	A. M. El-Kosasy , O. Abdel Aziz	-----	Q3	1.68
.80	A potential breast cancer dual therapy using phytochemicals-loaded nanoscale penetration enhancing vesicles	Journal of Drug Delivery Science and Technology, 2020	Nermine V.Fares, Ahmed E. Sobaih	Abd-Allah, H., Atta, H., Ramekh, N., Khaled, H., William, M., Adel, J., Waheed, A., Hisham, Y. and Mostafa, O.	Q2	2.734
.81	Graphene nanoplatelets in potentiometry, A nanocomposite carbon paste and PVC based membrane sensors for analysis of Vilazodone HCl in plasma and milk samples	Talanta, 2019	A.M. El-Kosasy, Mona Hamdy Abdelrahman, Sarah H. Abdelaal	-----	Q1	4.916
.82	Determination of amlodipine and atorvastatin mixture by different spectrophotometric methods with or without regression equations	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2019	N.V. Fares ,Maha Farouk	Ragaa Magdy, A. Hemdan Faculty of Pharmacy Ahram Canadian university	Q1	2.931
.83	Univariate calibrations with or without chemometric assistance for determination of drugs lacking peak maxima in their zero-order profiles	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2019	N.V. Fares ,Maha Farouk	Ragaa Magdy, A. Hemdan Faculty of Pharmacy Ahram Canadian university	Q1	2.931
.84	Versatile Sensor Modified with Gold Nanoparticles Carbon Paste Electrode for Anodic Stripping Determination of Brexpiprazole: A Voltammetric Study	Journal of The Electrochemical Society, 2019	Mona H. Abdel Rahman,	Ahmed M. Abdel- Raouf, Manal A. El- Shal, Ragab A. M. Said, Samir Morshedy, Mohamed S. Emara	Q1	4.38

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.85	Environmentally Evaluated New HPLC/UV Method for the Simultaneous Determination of Acesulfame-K, Butylated Hydroxytoluene, and Aspartame and Its Degradant in Chewing Gum	Journal of AOAC International, 2019	Nada S. Zamzam Mona H. Abdel Rahman,	-----	Q3	1.12
.86	Validated RP-HPLC Method for Simultaneous Determination of Ribavirin, Sofosbuvir and Daclatasvir in Human Plasma: A Treatment Protocol Administered to HCV Patients in Egypt	Journal of Chromatographic Science, 2019	Aya A Youssef, N Magdy, Lobna A Hussein, A M El-Kosasy	-----	Q4	1.216
.87	TiO ₂ nanoparticles and ionic liquid platform for selective electrochemical determination of indacaterol in pharmaceutical formulations and human fluids: application to content uniformity	Journal of the Iranian Chemical Society, 2019	Maha F. Abdel Ghany, Lobna A. Hussein, Nancy Magdy & Hend Z. Yamani	Shaima A. Atty	Q3	1.742
.88	Simultaneous Determination of Curcumin and Resveratrol in Lipidic Nanoemulsion Formulation and Rat Plasma Using HPLC: Optimization and Application to Real Samples	Journal of AOAC International, 2019	Mona H. Abdel Rahman	Maha Nasr	Q3	1.12
.89	Ecofriendly Long Life Nanocomposite Sensors for Determination of Carbachol in Presence of Choline: Application in Ophthalmic Solutions and Biological Fluids	Sensors, 2019	A.M. El-Kosasy, Mona H. Abdel Rahman	Eman Al-Harbi	Q2	3.031
.90	Stability-Indicating RP-UPLC Method for Simultaneous Determination of Azilsartan Medoxomil and Chlorthalidone in Tablets in the Presence of Its Degradation Products.	Journal of Chromatographic Science, 2019	Lobna A Hussein , Nancy N Magdy	Michael A Ibrahim	Q4	1.216
.91	Gadolinium in human brain sections and colocalization with other elements	Neurology-Neuroimmunology & Neuroinflammation, 2019	A.H. El-Khatib	Helena Radbruch, Sabrina Trog, Boris Neumann, Friedemann Paul ,Arend Koch, Michael W. Linscheid, Norbert Jakubowski, and Eyk Schellenberger	Q1	7.35

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	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journal quartile	Impact factor
.92	Characterization of hepatoprotective metabolites from <i>Artemisia annua</i> and <i>Cleome droserifolia</i> using HPLC/PDA/ESI/MS-MS	Revista Brasileira de Farmacognosia, 2019		Hesham El-Askarya, Heba Handoussab, Farid Badriac, e, Abdulrhman Alsayarif, Michael W. Linscheid, Amira Abdel Motaal	Q4	1.75
.93	Neuromodulatory Activity of Dietary Phenolics Derived from <i>Corchorus olitorius</i> L.	Journal of Food Science, 2019		Reham Wagdy, Reham M. Abdelkader, Michael W. Linscheid, Nabila Hamdi, and Heba Handoussa	Q2	2.08
.94	Stable glycopyrrolonium bromide solid contact ion selective potentiometric sensors using multi-walled carbon nanotubes, polyaniline nanoparticles and polyaniline microparticles as ion-to-electron transducers: A comparative study	Sensors and Actuators B: Chemical, 2017	Lobna. A. Hussein, Nancy Magdy, Hend Z. Yamani	----	Q1	7.34
.95	Novel potentiometric sensors for the determination of the dinotefuran insecticide residue levels in cucumber and soil samples	Talanta, 2017	Maha F. Abdel-Ghany, Lobna A. Hussein, Noha F. El Azab	----	Q1	5.76
.96	Simultaneous determination of three neonicotinoid insecticide residues and their metabolite in cucumbers and soil by QuEChERS clean up and liquid chromatography with diode-array detection"	Analytical Methods, 2016	Maha F. Abdel-Ghany, Lobna A. Hussein, Noha F. El Azab	----	Q2	2.77
.97	Simultaneous determination of eight neonicotinoid insecticide residues and two primary metabolites in cucumbers and soil by liquid chromatography-tandem mass spectrometry coupled with QuEChERS."	Journal of Chromatography B, 2016	Maha F. Abdel-Ghany, Lobna A. Hussein, Noha F. El Azab, Ahmed H. El-Khatib	Michael W. Linscheid	Q2	2.99

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	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journal quartile	Impact factor
.98	Determination of sodium fluoride in dental mouth wash and oral multivitamin formula using RP-Hplc	International Journal of Rresearch in Science, 2016	A.M. El-Kosas L. Abdel-Aziz, Y. A. Trabik	----		
.99	Comparative study of normal, nano and micro sized iron oxide effect in potentiometric determination of fluconazole in biological fluid	RSC adv, 2015	A.M. El-Kosas L. Abdel-Aziz, Y. A. Trabik	----	Q2	3.24
100	Multiresidue Analysis of Five Neonicotinoid Insecticides and Their Primary Metabolite in Cucumbers and Soil Using High Performance Liquid Chromatography with Diode Array Detection	Journal of AOAC International, 2016	Maha F.Abdel-Ghany, Lobna A. Hussein, Noha F. El Azab	----	Q3	1.913
101	Simultaneous spectrophotometric determination of indacaterol and glycopyrronium in a newly approved pharmaceutical formulation using different signal processing techniques of ratio spectra	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2016	Maha. F. Abdel-Ghany, Lobna. A. Hussein, Nancy Magdy, Hend Z. Yamani	----	Q1	4.098
102	Determination of Dipyridamole in the presence of its degradation products and in the presence of Aspirin	Journal of Analytical Chemistry, 2016	M. F. Abdel-Ghany, L. A. Hussein, M.H. Abdelrahman	----	Q4	1.01
103	Development of Microwave-Assisted Extraction of Trigonelline Biomarker from Trigonella foenum- graecum Seeds Followed by High-Performance Thin-Layer Chromatographic and High-Performance Liquid Chromatographic Analyses	JPC-Journal of Planar Chromatography-Modern TLC, 2015	Lobna. A. Hussein, Maha. F. Abdel-Ghany, Hend Z. Yamani	---	Q4	0.75
104	Simultaneous Determination of Octinoxate, Oxybenzone, and Octocrylene in a Sunscreen Formulation Using Validated Spectrophotometric and Chemometric Methods	AOAC International, 2015	Omar Abdel-Aziz, Miriam F. Ayad, & Neven N. Mikawy	---	Q3	1.913

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	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journal quartile	Impact factor
105	Validation of four different spectrophotometric methods for simultaneous determination of Domperidone and Rantidine in bulk and pharmaceutical formulation	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2015	Maha F. Abdel-Ghany, Omar Abdel-Aziz, Yomna Y. Mohammed	---	Q1	4.098
106	Ratio difference and Mean centering of ratio spectra spectrophotometric methods for simultaneous determination of Domperidone and Omeprazole in bulk and pharmaceutical formulation	Journal of Analytical Chemistry, 2015	Maha F. Abdel-Ghany, Omar Abdel-Aziz, Yomna Y. Mohammed	---	Q4	1.01
107	Screening and Optimization of the reaction of Polymyxin B sulphate with NBD-Cl for the synchronous spectrofluorimetric determination of Polymyxin B sulphate in human plasma	Journal of Fluorescence, 2015	A.M. El-Kosasy, Omar Abdel-Aziz, N. Magdy, N.M. El Zahar	---	Q3	2.04
108	New methods for amlodipine and valsartan native spectrofluorimetric determination, with factors optimization study	Talanta, 2015	Amira M. El-Kosasy, Shereen M. Tawakkol, Miriam F. Ayad, Ahmed I. Sheta	---	Q1	5.76
109	Compatible validated spectrofluorimetric and spectrophotometric methods for determination of vildagliptin and saxagliptin by factorial design experiments	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2015	Omar Abdel-Aziz, Miriam F. Ayad, Mariam M. Tadros	---	Q1	4.098
110	Two smart spectrophotometric methods for the simultaneous estimation of Simvastatin and Ezetimibe in combined dosage form	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2015	Nancy Magdy, Miriam F. Ayad	---	Q1	4.098
111	Optimization of Extraction, HPLC and Kinetic Studies for Determination of Some Food Tainting Compounds in Different Food Matrices	J Chromatogr Sci, 2015	A.M. El-Kosasy, L.A. Hussin, Miriam F. Ayad, and N.V. Fares	---	Q3	1.50
112	Novel Comparative Synchronous Spectrofluorimetric Study of Benzo(a)pyrene Using Beta-	Journal of Fluorescence, 2014	Maha F. Abdel-Ghany, Omar Abdel-Aziz,	---	Q3	2.04

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	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journal quartile	Impact factor
	Cyclodextrin and Calix(8)arene as Fluorescence Enhancers		Miriam F. Ayad, and Mariam M. Tadros			
113	Novel Method for Determination of Anthracene by Coupling Dispersive Liquid-Liquid Extraction to First-Derivative Synchronous Spectrofluorimetry.	Journal of Fluorescence, 2014	Omar Abdel-Aziz, A M El Kosasy, S M El-Sayed Okeil	---	Q3	2.04
114	Synchronous spectrofluorimetric determination of naphthalene using mixed micellar medium	AOAC International, 2014	Omar Abdel-Aziz, A M El Kosasy, Sherif Mahmoud El-Sayed Okeil	---	Q3	1.913
115	Comparative study for determination of some polycyclic aromatic hydrocarbons 'PAHs' by a new spectrophotometric method and multivariate calibration coupled with dispersive liquid-liquid extraction	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2014	O.A.A.Ghonim, A.M.El Kosasy, S.M.El-Sayed Okeil	---	Q1	4.098
116	New Approach for Measuring Antioxidant Activity Via a Graphite Sensor	Portugaliae Electrochimica Acta, 2014	Omar Abdel-Aziz, A.M. El Kosasy, S.M. El-Sayed Okeil	---	Q4	1.48
117	Novel spectroscopic methods for determination of Cromolyn sodium and Oxymetazoline hydrochloride in binary mixture	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2014	A.M. El-Kosasy, L.A. Hussin, M. H. AbdelRahman	---	Q1	4.098
118	Validation of different spectrophotometric methods for determination of vildagliptin and metformin in binary mixture	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2014	Omar Abdel-Aziz, A.M. El-Kosasy, N. Magdy, N.M. El Zahar	---	Q1	4.098
119	Stability-Indicating Liquid Chromatographic Method for Determination of Saxagliptin and Structure Elucidation of the Major Degradation Products Using LC-MS	J Chromatogr Sci, 2014	Maha F. Abdel-Ghany, Omar Abdel-Aziz, Miriam F. Ayad,	---	Q3	1.50

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	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journal quartile	Impact factor
			Mariam M. Tadros			
120	New HPLC and Fluorometric Methods for the Determination of Pyriproxyfen and Pyridalyl Insecticide Residues in Tomatoes	Journal of AOAC International,2014	Maha F. Abdel-Ghany, Omar Abdel-Aziz, Miriam F. Ayad, Mariam M. Tadros	---	Q3	1.913
121	Different techniques for determination of imidacloprid insecticide residues	International Journal of Environmental Analytical Chemistry,2013	Maha Farouk, Lobna Abdel Aziz Hussein & Noha Fathy El Azab	----	Q4	1.76
122	Comparative Study of Calix-6-Arene And 2-Hydroxy Propyl B- Cyclodextrin as Ionophores in Potentiometric Ion-Selective Electrodes for Determination Of Gallic Acid in Acacia Arabica Bark Extract	Journal of Analytical Chemistry, 2014	Maha F. Abdel Ghany, Lobna A. Hussein, Hend Z. Yamani	----	Q4	1.01
123	Comparative Study of Calix-6-arene, 2-Hydroxy Propyl Beta Cyclodextrin and 18-Crown-6 as Ionophores in Potentiometric Ion-Selective Electrodes for Determination of Trigonelline in Trigonella foenum-graecum Seeds Extract and Plasma	Journal of Applied Pharmaceutical Science, 2014	Maha F. Abdel Ghany, Lobna A. Hussein, Hend Z. Yamani	----	Q2	1.38
124	A Novel Potentiometric Detection Strategy for the Determination of Amlodipine Besylate Based on Functionalized Particles	Electroanalysis,2014	Amira M. El-Kosasy, Miriam F. Ayad and	Ahmed I. Sheta Shereen M. Tawakkol,	Q2	3.223
125	Comparative study between univariate spectrophotometry and multivariate calibration as analytical tools for quantitation of Benazepril alone and in combination with Amlodipine	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy,2014	M. Farouk, Omar Abd Elaziz,	Shereen M. Tawakkol, A. Hemdan, Mostafa A. Shehata	Q1	4.098
126	Comparative study between univariate spectrophotometry and multivariate calibration as analytical	Spectrochimica Acta Part A:	Shereen M. Tawakkol,	A. Hemdan, Mostafa A. Shehata	Q1	4.098

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	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journal quartile	Impact factor
	tools for simultaneous quantitation of Moexipril and Hydrochlorothiazide	Molecular and Biomolecular Spectroscopy,2014	M. Farouk, Omar Abd Elaziz,			
127	Stability Study of the Angiotensin Converting Enzyme Inhibitor Moexipril and Its Simultaneous Determination With Hydrochlorothiazide And Moexiprilat by Reversed Phase Chromatography in Pharmaceutical Formulation and Plasma	Journal of Analytical Chemistry,2014	, M.Farouk, Omar Abd Elaziz,	Shereen M.Tawakkol, Mostafa A.Shehata, A.Hemdan	Q4	1.01
128	Comparative study of calix[4]arene, 18-crown-6-ether and beta cyclodextrin as ionophores in miniaturized sensors for the determination of pazufloxacin mesylate: Application to pharmaceutical formulation and human plasma	JPR: BioMedRx,2013	Miriam F. Ayad, , Amira M. El-Kosasy	Nehad A. Abdallah		
129	Simple Novel Spectrophotometric Methods for The Determination of Two Antihypertensive Mixtures Containing Hydrochlorothiazide in Pharmaceutical Dosage Forms	Journal of Analytical Chemistry,2013	Maha Farouk, Omar Abd EL-Aziz	, Marwa H.EL-Taweel	Q4	1.01
130	Novel Potentiometric Determination of Torasemide for Antidoping Purpose, Using β -Cyclodextrin and Calixarene	Journal of Analytical Chemistry,2013	Amira M.El-Kosasy, Omar Abd El- Aziz, Naglaa Ebrahim,	Laila Abdel Fattah	Q4	1.01
131	Liquid Chromatography-Electro Spray Ionization Tandem Mass Spectrometry for Simultaneous Determination of Amlodipine, Benazepril and its Active Metabolite Benazeprilat in Human Plasma	Analytical Chemistry Letters,2014	Abdel-Aziz, Omar; Farouk, Maha	, A. Hemdan. Shereen Tawakol	Q3	1.03
132	Simple chromatographic methods for determination of cefepime in bulk powder and injection dosage form, and in presence of its hydrolytic degradation products	Journal of Analytical Chemistry,2014	Abdel-Aziz, Omar; Farouk, Maha;	Nagi, Reham; Abdel-Fattah, Laila Abdelfatah	Q4	1.01
133	Simple Spectrophotometric and HPTLC-Densitometric Methods for Determination of Cefdinir in Bulk Powder and Pharmaceuticals, and in	Journal of Applied Pharmaceutical Science,2014	Abdel-Aziz, Omar; Farouk, Maha;	Nagi, Reham;	Q2	1.38

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	Presence of its Hydrolytic Degradation Products			Abdel-Fattah, Laila Abdelfatah		
134	Stability Study of the Calcium Channel Blocker Lercanidipine and its Determination by Reversed Phase Chromatography in Pharmaceutical Formulation and Plasma	Analytical Chemistry Letters,2015	Abdel-Aziz, Omar; Farouk, Maha,	A. Hemdan, Shereen Tawakol	Q3	1.03
135	Liquid chromatography-electro spray ionization tandem mass spectrometry for simultaneous determination of Moexipril and its active metabolite Moexiprilat in human plasma	European Journal of Chemistry,2014	Abdel-Aziz, Omar; Farouk, Maha	----		0.4860
136	Interaction of Losartan potassium with the micelles of Triton X 100	Journal of Applied Pharmaceutical Science,2013	El-Kosasy, Amira, AbdelAziz, Lobna, Gaied, Mariam	Abdel-Fattah, Laila	Q2	1.38
137	Graphite sensor for sensitive potentiometric determination of cetyltrimethyl ammonium bromide in industrial waste water samples	Journal of Analytical chemistry,2012	A.M. El-Kosasy, L. Abdel-Aziz , Nermine Victor	----	Q4	1.01
138	Novel Potentiometric Determination of Torasemide for Antidoping Purpose, Using β -Cyclodextrin and Calixarene	Anal. Bioanal. Electrochem,2012	Amira M. El-Kosasy, Omar Abd El- Aziz , Naglaa Ebrahim	Abdel-Fattah, Laila	Q4	1.48
139	Simultaneous determination of benazepril and hydrochlorothiazide in their binary mixture by spectrophotometric method and stability indicating of HPLC of the mixture in the presence of benazeprilat in dosage forms and its application to human plasma	Journal of Analytical Chemistry,2014	Abdel-Aziz, Omar; Farouk, Maha	----	Q4	1.01
140	Comparative Study of Beta Cyclodextrin and Calix- 8-Arene as Ionophores in Potentiometric IonSelective Electrodes for Sitagliptin Phosphate	Journal of Applied Pharmaceutical Science,2012	Amira M. El-Kosasy, Lobna abd El Aziz and Yossra A. Trabik	----	Q2	1.38

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141	HPLC and Densitometric TLC Methods for Simultaneous Determination of Pazufloxacin with Some Co-Administered Drugs in Human Plasma	Journal of Chromatography & Separation Techniques, 2012	Miriam, F. Ayad, Amira M El-Kosasy	Nehad A Abdallah		4.83

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.1	Determination of Sacubitril and Valsartan Binary Mixture using Different Eco-friendly Spectrophotometric approaches with or without Regression Equations; greenness and whiteness assessments	Archives of Pharmaceutical Sciences Ain Shams University Article, 2023	Maha F Abdel Ghany, Nermin V Fares	Ragaa Magdy, Ahmed Hemdan Ahram canadian university	
.2	Spectrofluorometric Determination of Baricitinib in Pure Form and Application on Pharmaceutical Dosage Form; Green Profile Evaluation via Eco-scale and GAPI Tools.	Archives of Pharmaceutical Sciences Ain Shams University Article, 2022	Nermin Victor; Amira Elkosasy	Ahmed Saleh Horus University	
.3	Comparison between molecularly imprinted polymers and β-cyclodextrin as ionophores, in presence of nano carbon dots water channels and application in marketed product and environmental samples	Archives of Pharmaceutical Sciences Ain Shams University Article, 2022	Miriam Ayad; Amira El-Kosasy	Ahmed Sheta; Shereen Tawakkol. Faculty of Pharmacy, Ahram Canadian University Ahmed Fayed. Faculty of Pharmacy, Cairo University	
.4	HPLC Method for Determination of Chlorhexidine in Pharmaceutical Formulations alone and in presence of Hexamidine and p-chlorocresol, and in Spiked Human Saliva	Archives of Pharmaceutical Sciences Ain Shams University Article, 2022	Ahmed E Sobaih, Lobna Abd El Aziz; Nancy Magdy		
.5	Simultaneous resolution of febuxostat and diclofenac potassium in pure form and in their multi-ingredient formula.	Azhar International Journal of Pharmaceutical and Medical Sciences, 2021	Amira Mabrouk El-Kosasy	Shimaa Mahmoud, Fatma Fouad Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt	
6.	Simultaneous Determination of Xipamide and Triamterene by First Derivative, Ratio Difference, and Derivative Ratio Spectrophotometric Methods	Archives of Pharmaceutical Sciences Ain Shams University Article	Maha Abdelghany, Nermin Victor	Haitham Elfiky, Amr Badawey	

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7.	Development of an Eco-Friendly Reversed-Phase HPLC Method for the Simultaneous Determination of Three Emerging Contaminants in Water Samples	Archives of Pharmaceutical Sciences Ain Shams University, 2020	Nardine Safwat Miriam F. Ayad, Maha F. Abdel-Ghany	-----	
8.	Three Simple and Economic Spectrophotometric Methods for Simultaneous Determination of Chitosan and Ascorbic Acid	Archives of Pharmaceutical Sciences Ain Shams University, 2020	Nourhan Al-Afify, Yossra A. Trabik, Nancy Magdy, Amira El-Kosasy	-----	
9.	Microwave-assisted extraction of the gallic acid biomarker from Acacia arabica bark followed by HPLC analysis	Archives of Pharmaceutical Sciences Ain Shams University, 2019	Yamani, H. Z., Hussein, L. A., & Abdel Ghany, M. F.	-----	