**تقرير متابعه تنفيذ الخطه البحثيه لقسم الكيمياء التحليليه عن الفتره من 2021/2022**

**اولا:****رسائل الماجستير والدكتوراه التي تمت مناقشتها في 2021/2022**

**رسائل الماجستير**

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| **اسم الطالب** | **عنوان الرسالة**  | **تاريخ المنح** |
| **إسراء مصيلحي أحمد أحمد**  | **طرق تحليل آلية لتقدير بعض الأدوية المستخدمة في علاج أمراض الشيخوخة** **"Instrumental methods for analysis of some drugs used for the treatment of some geriatrics disorders"** |  **م الكلية 11/10/2021****م الجامعة : 30/10/2021** |
| **إيمان عماد علي فرج**  | **ذطرق آلأدوية التي تعمل علي الجهاز العصبي والادوية الخافضة للسكر** **"Instrumental methods for analysis of some drugs acting on nervous system and hypoglycemic drugs "** | **م الكلية :13/12/2021****م الجامعة : 16/1/2022**  |
| **أحمد محمد رضا السنباطي**  | **التحليل الآلي لبعض أدوية الجهاز الدوري ومضادات العدوي** **"Instrumental methods for analysis of some cardiovascular and anti-infective Drug"** | **م الكلية :13 /12/2021****م الجامعة:4/1/2022** |
| **خالد عبد الفتاح خليل عطا الله** | **"التحليل الآلي لمركبات صيدلانية مختلفة تحتوى على مجموعة الكاربونيل والامينو"****"Instrumental methods for analysis of different pharmaceutical products containing carbonyl and amino groups"** | **م الكلية : 11 /10/2021****م الجامعة:16/10/2021** |
| **ص/ أحمد ربيع محمد محمد حسن**  | **" طرق آلية لتحليل بعض أدوية مضادات الميكروبات في مستحضراتها الصيدلية والسوائل البيولوجية "****" instrumental methods for analysis of some antimicrobial drugs in their pharmaceutical formulations and biological fluids "** | **م الكلية: 19 / 7/2022****م الجامعة: 6 / 8 /2022** |

**رسائل الدكتوراه**

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| **اسم الطالب** | **عنوان الرسالة**  | **تاريخ المنح** |
| **نيفين أحمد على أحمد** | **استنباط و تطبيق تقنيات حديثة لتعيين بعض الأدوية البيطرية** **Development and Application of modern analytical techniques for the quantitative determination of some veterinary drugs** | **م الكلية : 11/1/2021****م الجامعة : 25 /1 / 2021** |
| **عبير رشاد عبد المنعم درار** | **تطوير و اختبار صلاحية طرق تحليلية حديثة لتعيين بعض الأدوية التي تحتوي علي مجموعة الأمين****Development and Validation of New Analytical Methods for Determination of Some Amine Containing Drugs** | **م الكلية 8/2/2021** **م الجامعة 16/3/2021** |
| **داليا وجيه زيدان عطوه** | **طرق آلية لتحليل بعض أدوية المضادات الميكروبات ومضادات للسرطان****"Instrumental methods for analysis of some antimicrobial and anti-cancer drugs"** | **م الكلية 8 / 11/2021** **م الجامعة 1 / 12/2021** |
| **مي محمد عبدالعزيز إبراهيم** | **عمل طرق تحليل جديدة لإيجاد المركبات التي تحتوي علي مركبات النيتروجين مفردة أو مع مخاليطها****"New instrumental methods for determination of some nitrogenous compounds single or in combinations"** | **م الكلية:14/2/2022****م الجامعة: 5/3/2022** |
| **محمد بدراوي السيد علي ألعوضي** | **" التحليل الآلي لبعض الأدوية التي تستخدم في أمراض كبار السن واضطرابات جهاز الهيكل العظمي والعضلات** | **م الكلية: 19 / 7/2022****م الجامعة: 6 / 8 /2022** |
| **إسراء ممدوح نور محمود** | **" دراسة تحليليه لبعض الادويه التي تستخدم لعلاج مضاعفات السكر والأمراض الرومانيزميه "****Analytical study on some drugs used for treatment the complications of diabetic and rheumatic diseases.** | **م الكلية: 19 / 7/2022****م الجامعة: 6 / 8/2022** |

**ثانيا: رسائل الماجستير والدكتوراه التي تم تسجيلها في 2021/ 2022**

**رسائل الماجستير**

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| **اسم الطالب** | **اسماء المشرفين** | **عنوان الرسالة** |
| **إسلام محسن درويش**  | **أ.د/هناء محمد صالح** **د/إيمان بهجت عساف**  | **طرق آلية لتحليل بعض الأدوية المستخدمة في علاج أمراض الجهاز الدوري والجهاز البولي التناسلي****"Instrumental methods for analysis of some drugs used in treatment of cardiovascular and genitourinary tract disorders"** |
| **أسماء عبدالهادي مصطفي** | **أ.د/هشام عزت عبداللطيف****د/ياسمين محمد شرف** | **دراسات متقدمة للتقنيات التحليلية للتقدير الكمي لبعض أدويةاضطرابات الجهاز التنفسي****"Advanced studies of analytical techniques for quantifying some drugs for respiratory tract disorders"** |
| **إسراء سعيد سليم محمد**  | **أ.د/عبدالله عبدالعظيم شلبي** **أ.م.د/رجب أحمد مبروك** **د/سارة محمد أنيس**  | **التحليل الآلي لبعض الأدوية التي تستخدم لعلاج الأمراض المرتبطة بتقدم العمر****"Instrumental methods for analysis of some drugs used for the treatment of age-related diseases"** |
| **نورهان محمد درويش**  | **أ.د/مرفت محمد حسني** **أ.م.د/علا محمد الحسيني**  | **دراسة تحليلية لتعيين بعض الأدوية البشرية والبيطرية التي تحتوي علي مجموعة الكاربونيل** |

**رسائل الدكتوراه**

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| **اسم الطالب** | **اسماء المشرفين** | **عنوان الرسالة** |
| **إبرام عادل بشري**  | **أ.د/هناء محمد صالح** **أ.د/هشام عبدالعزيز هاشم** **أ.م.د/مايا شعبان عيسي** **د/إيمان بهجت عساف**  | **طرق آلية لتحليل بعض الأدوية المستخدمة في علاج أمراض الجهاز الدوري والجهاز البولي التناسلي****"Instrumental methods for analysis of some drugs used in treatment of cardiovascular and genitourinary tract disorders"** |
| **هبه كمال إبراهيم عبد الهادي**  | **أ.د/ هشام عزت عبد اللطيف****أ.د /محمد عبد القوي محمد****أ.د/ منى محمد عبدالمعطي** **د./ سارة محمد أنيس عبد الوهاب** | **دراسة تحليلية على بعض مضادات الحساسية****Analytical study on some antihistaminic drugs** |
| **نيرة أحمد فريد محمد** | **أ.د/ هشام عزت عبد اللطيف****أ.د/ نادية فابق يوسف** **د./ ياسمين أحمد شرف** | **" تقييم الجودة لبعض المركبات الصيدلية في وجود الشوائب "****" Quality assessment of some pharmaceutical compounds in presence of their impurities "** |
| **أحمد ربيع محمد محمد حسن** | **أ.د/ عبد الله عبد العظيم شلبي** **د/ رانية عادل سيد أحمد****د./هاني محمد جمال الدين عبد المطلب** | **" طرق آلية لتعيين ببعض مضادا الفيروسات والأدوية التي تستخدم في أمراض كبار السن في مستحضرتها الصيدلية والسوائل البيولوجية "****"instrumental approaches for determination of some antiviral agents and used in old age disease in their pharmaceutical preparations and biological fluids '** |

**ثالثا: الابحاث التي تم نشرها 2021 الى 2022**

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| اسم البحث | الباحثين | تاريخ النشر | اسم المجلة |
| **2021** |
| Spectrophotometric determination of buspirone HCl and doxazosin mesylate using citrate-capped silver nanoparticles.  | Magda Mohamed Ayad, Hisham Ezzat Abdellatef, Mervat Mohamed Hosny and Naglaa Abdel-Sattar Kabil | 2021 | Int. J. Nanomanufacturing Q4 |
| Indirect spectrophotometric determination of bisoprolol and losartan potassium in pure form and pharmaceutical formulation using silver nanoparticles. | Magda Mohamed Ayad , Hisham Ezzat Abdellatef , Mervat Mohamed Hosny, Naglaa Abdel SattarKabil | 2021 | Nanoscale reportsQ4 |
| A novel in situ electrochemical strategy for gatifloxacinmicrodetermination in urine using solid contact and disposal screen-printed electrodes: A comparative study. | Mohamed K. Abd El-Rahman, Rania A. Sayed, Manal S. El-Masry, Wafaa S. Hassan and Abdalla Shalaby | 2021 | Journal of Analytical Chemistry Q4 |
| [Flourimetric study on antidiabetic combined drugs; empagliflozin and linagliptin in their pharmaceutical formulation and human plasma,](https://www.ajol.info/index.php/ahs/article/view/189100) | MS Elmasry, MA Hasan, WS Hassan, HA Merey, IM Nour. | 2021 | Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy Q1 |
| Simple mathematical data processing method for the determination of sever overlapped spectra of linagliptin and empagliflozin in their pure forms and pharmaceutical formulation: Fourier self deconvulated method | Manal S. Elmasry, Wafaa S. Hassan, Hanan A. Merey, Israa M. Nour | 2021 | Spectrochimica Acta Part A: Molecular and Biomolecular SpectroscopyQ1 |
| Comparative study of novel green UV-spectrophotometric platforms for simultaneous rapid analysis of flumethasone pivalate and clioquinol in their combined formulation | Rania Adel, Ahmed Rabea Mohamed, Wafaa S. Hassan, Manal S. Elmasry | 2021 | Drug Development and Industrial Pharmacy Q2 |
| Smart UV-spectrophotometric platforms for rapid green analysis of miconazole nitrate and nystatin in their combined suppositories and in-vitro dissolution testing | Rania A. Sayed, Ahmed Rabea Mohamed, Wafaa S. Hassan, Manal S. Elmasry. | 2021 | Drug Development and Industrial Pharmacy, Q2 |
| Spectrophotometric Determination of Aspirin and Omeprazole in the presence of Salicylic Acid as a Degradation Product: A Comparative Evaluation of Different Univariate/Multivariate Post Processing Algorithms | Manal S. Elmasry , Ahmed Serag, Wafaa S Hassan, Magda Y El-Mammli, Mohamed Badrawy. | 2021 | Journal of AOAC InternationalQ2 |
| Mathematically assisted UV-spectrophotometry as a greener alternative to HPLC-UV for quality control analysis of free-drug combinations | Sara Abdulwahab, Eman Ali, Wafaa Hassan, Shereen Azab | 2021 | Microchemical JournalQ1 |
| Potentiometric determination of amprolium drug at a carbon nanotubes/nickel oxide nanoparticles paste electrode”, Microchemical Journal 165, 106185 | AM Abdel-Raoof, A Elsonbaty, Sara Abdulwahab, WS Hassan, MS Eissa | 2021 | Microchemical JournalQ1 |
| Electrochemical Determination of Amprolium Hydrochloride in Chicken Meats and Eggs: Food Safety Control and Theoretical Study | A Elsonbaty, AM Abdel-Raoof, Sara Abdulwahab, WS Hassan, MS Eissa | 2021 | Journal of The Electrochemical SocietyQ1 |
| Synchronous Spectrofluorimetry Coupled with Third-Order Derivative Signal Processing for the Simultaneous Quantitation of Telmisartan and Chlorthalidone Drug Combination in Human Plasma | A Elsonbaty, MA Hasan, MS Eissa, WS Hassan, Sara Abdulwahab | 2021 | Journal of FluorescenceQ3 |
| Spectral analysis of severely overlapping spectra based on newly developed mathematical filtration techniques and ratio spectra manipulations: An application to the concurrent determination of dapoxetine and sildenafil in combined dosage form.  | Khaled Attala, Soad S. Abd El-Hay, Magda M. El-Henawee, Maya S. Eissa | 2021 | Spectrochimica Acta Part A Molecular and Biomolecular SpectroscopyQ1 |
| Smart UV spectrophotometric methods based on simple mathematical filtration and classical methods for the simultaneous determination of tamsulosin and solifenacin: A comparative study of efficacy and spectral resolution. | Magda M. El-Henawee, Soad S.Abd El-Hay, Khaled Attala,Maya S. Eissa | 2021 | Spectrochimica Acta Part A Molecular and Biomolecular SpectroscopyQ1 |
| Selective Determination of Entecavir in the Presence of its Oxidative Degradate by Spectrophotometric and Chromatographic Methods. | Heba M El-Sayed, Laila E Abdel Fattah, Hisham E Abdellatef, Maha A Hegazy, Mai M Abd El-Aziz | 2021 | Journal of AOAC INTERNATIONALQ3 |
| "Chemometry-assisted UV- spectrophotmetric methods for the simultaneous determination of paritaprevir, ritonavir, and ombitasvir in their combined tablet dosage forms: A comparative study | Sayed RA, Ibrahim AE and Sharaf YA | 2021 | Journal of ChemometricsQ3 |
| Determiation of spiramycin and oxytetramycine in binary mixtures by novel spectrophotometric methods with and without regression equation. | N Ahmed, H Saleh, M El Henawee, EM Hussien. | 2021 | Bulletin of faculty of pharmacy. |
| Mini review: Insights on instrumental analysis of ombitasvir, paritaprevir and ritonavir. | RE Saraya, M El Henawee, H Saleh, MM Sebaiy. | 2021 | International journal of chemistry research |
| Analytical methods for determination of Ondansetron hydrochloride and pantoprazole | MM Sebaiy, RE Saraya, M El Henawee, H Saleh.  | 2021 | Journal of medical research and health sciences |
| Differential pulse voltammetric strategy for simultaneous determination of aceclofenac and ezogabine in biological fluids at edge-plane pyrolytic graphite electrode.  | M El Henawee, H Saleh, EM Hussien , AR Derar | 2021 | Analytical and bioanalytical electrochemistry Q2 |
| Validation of HPLC-UV multi-residue method for the simultaneous determination of tetracycline and oxytetracycline, spiramycin and neospiramycin in raw milk. | H Saleh, M El Henawee, EM Hussien, N Ahmed and AE Ibrahim. | 2021 | Food analytical methods Q2 |
| Carbon nanotubes bulk modified printed electrochemical sensor for green determination of vortioxetine hydrobromide by linear sweep voltammetry. | M El Henawee, H Saleh, AK Attia, EM Hussien , AR Derar.  | 2021 | Measurement Q1 |
| Determination of six drugs used for treatment of common cold by micellar liquid chromatography | Adel Ehab Ibrahim, Ayman Abo Elmaaty& Heba Mohamed El-Sayed | 2021 | Analytical and Bioanalytical Chemistry Q2 |
| Selective Determination of Entecavir in the Presence of its Oxidative Degradate by Spectrophotometric and Chromatographic Methods  | Heba M El-Sayed, Laila E Abdel Fattah, Hisham E Abdellatef, Maha A Hegazy, Mai M Abd El-Aziz | 2021 | Journal of AOAC INTERNATIONAL Q3 |
| Rp-HPLC Determination of Quercetin in a Novel D-α-Tocopherol Polyethylene Glycol 1000 Succinate Based SNEDDS Formulation: Pharmacokinetics in Rat Plasma | Osama A. A. Ahmed, Hany M. El-Bassossy, Heba M. El-Sayed, and Soad S. Abd El-Hay   | 2021 | Molecules Q2 |
| **Green Spectrophotometric Estimation of Minor Concentrations of Methyldopa and Terbutaline Sulphate in Pure Forms and Tablets Using Polyvinylpyrrolidone-Capped Silver Nanoparticles** | [Magda Mohamed Ayad](https://pubmed.ncbi.nlm.nih.gov/?term=Ayad+MM&cauthor_id=36196814), [Mervat Mohamed Hosny](https://pubmed.ncbi.nlm.nih.gov/?term=Hosny+MM&cauthor_id=36196814), [YoustinaMekhailMetias](https://pubmed.ncbi.nlm.nih.gov/?term=Metias+YM&cauthor_id=36196814), | 2021 | [Nano Biomedicine and Engineering](https://www.researchgate.net/journal/Nano-Biomedicine-and-Engineering-2150-5578)  Q3 |
| **2022** |
| Simultaneous estimation of pantoprazole and piroxicam by HPLC: Response surface methodology approach | Soad S. Abd El-Hay, Ragaa El Sheikh, Ayman A. Gouda, Mohamed Ali, Heba M. El-Sayed | 2022 | Microchemical JournalQ1 |
| Cost-effective, green HPLC determination of losartan, valsartan and their nitrosodiethylamine impurity: Application to pharmaceutical dosage forms | Soad Abd el Hay, Magda Elhenawee, Khaled Maged, Adel Ehab | 2022 | Royal Society Open ScienceQ2 |
| Selective determination of nicorandil with a single planar solid-state potentiometric ion selective electrode | Emad M. Hussien, MahaHegazy, Laila Abdel Fattah, Hisham E. Abdellatef, M. Abd El-Aziz, Heba M. El-Sayed. | 2022 | Electroanalysis Q2 |
| Development of a solvent-free micellar HPLC method for determination of five antidiabetic drugs using response surface methodology | Eman A. Bahgat, Hani M. Hafez, Heba M. El-Sayed, Naglaa A.S. Kabil. | 2022 | Microchemical journal Q1 |
| Versatile eco-friendly electrochemical sensor based on chromium-doped zinc oxide nanoparticles for determination of safinamide aided by green assessment criteria | Heba M. El-sayed, Ahmed M. Abdel-Raoof, Hisham Ezzat Abdellatef, Hassan A. M. Hendawy, Omar M. El-Abassy, Hany Ibrahim, | 2022 | Microchemical journal Q1 |
| Simultaneous analysis of two drugs used as supportive treatment for COVID-19: comparative statistical studies and analytical ecological appraisal | Hany Ibrahim, Omar M El-Abassy, Hisham Ezzat Abdellatef, Hassan A. M. Hendawy& Heba M El-Sayed | 2022 | [BMC Chemistry](https://bmcchem.biomedcentral.com/) Q2 |
| Quality by design approach for development and validation of a RP-HPLC method for simultaneous estimation of xipamide and valsartan in human plasma | Mahmoud M. Sebaiy, Sobhy M. El-Adl, Mohamed M. Baraka, Amira A. Hassan & Heba M. El-Sayed  | 2022 | [BMC Chemistry](https://bmcchem.biomedcentral.com/) Q2 |
| Earth friendly spectrophotometric methods based on different manipulation approaches for simultaneous determination of aspirin and omeprazole in binary mixture and pharmaceutical dosage form: Comparative statistical study. | Manal S. Elmasry, Wafaa S. Hassan, Magda Y. El-Mammli, Mohamed Badrawy. | 2022 | Spectrochimica Acta Part A Molecular and Biomolecular Spectroscopy Q1 |
| Earth-friendly-assessed chromatographic platforms for rapid analysis of sulfacetamide sodium and prednisolone acetate in presence of sulfanilamide impurity: Application on ophthalmic formulation and aqueous humor | Rania A. Sayed, Ahmed Rabea Mohamed, Wafaa S. Hassan, Manal S. Elmasry. | 2022 | Sustainable Chemistry and Pharmacy Q2 |
| **High -Throughput spectrofluorimetric approach for one step, sensitive and green assay of alfuzosin hydrochloride using a 96-well microplate reader: Application to tablet formulations and human urine.** | Youstina M. Metias,Mervat M. Hosnym Magda M. Ayad, NoritadaKaji, | 2022 | Talanta open. Q1 Scopus only |
| Development of green differential pulse voltammetric strategy for the determination of alfuzosin hydrochloride at pencil graphite and modified carbon paste electrodes | [YoustinaMekhailMetias](https://pubmed.ncbi.nlm.nih.gov/?term=Metias+YM&cauthor_id=36196814), [Emad Mohamed Hussien](https://pubmed.ncbi.nlm.nih.gov/?term=Hussien+EM&cauthor_id=36196814), [Mervat Mohamed Hosny](https://pubmed.ncbi.nlm.nih.gov/?term=Hosny+MM&cauthor_id=36196814), [Magda Mohamed Ayad](https://pubmed.ncbi.nlm.nih.gov/?term=Ayad+MM&cauthor_id=36196814), | 2022 | Acta ChimSlov,.  Q4 |
| Green micellar liquid chromatographic analysis of alfuzosin hydrochloride and sildenafil citrate in a binary mixture compared to classical RPLC with stability indicating studies | [Magda Mohamed Ayad](https://pubmed.ncbi.nlm.nih.gov/?term=Ayad+MM&cauthor_id=36196814), [Mervat Mohamed Hosny](https://pubmed.ncbi.nlm.nih.gov/?term=Hosny+MM&cauthor_id=36196814), [Youstina Mekhail Metias](https://pubmed.ncbi.nlm.nih.gov/?term=Metias+YM&cauthor_id=36196814), | 2022 | Drug Dev Ind Pharm, .Q3 |
| Micelle-Incorporated Liquid Chromatography in the Light of Green Chemistry: An Application for the Quality Control Analysis of Anti-Platelet Fixed-Dose Combinations | Ahmed Elsonbaty, Wafaa S. Hassan, Maya S. Eissa, Sara Abdulwahab  | 2022 | Journal of AOAC international Q3 |

رئيس القسم

أ.د / هشام عبدالعزيز هاشم