



قائمة بالأبحاث المنشورة دولياً  
كلية الصيدلة - جامعة ٦ أكتوبر (2023)

No.	Articles
1.	Ali, N.B., El-Shiekh, R.A., Ashour, R.M., <b>El-Gayed, S.H.</b> , Abdel-Sattar, E. Agro-Food Waste: Harnessing the Potential Significance of Natural Biofilm Inhibitors (2023) Tropical Journal of Natural Product Research, 7 (12), pp. 5366-5376.
2.	<b>Mostafa, M.M.</b> , Amin, M.M., <b>El-Halim, S.M.A.</b> Polymeric Nanoparticles As Anticancer Drug Delivery Systems Of Certain Phytochemicals: A Comprehensive Overview (2023) Bulletin of Pharmaceutical Sciences. Assiut, 46 (2), pp. 729-755.
3.	Rahman, M.A.A., <b>Elghobashy, M.R.</b> , Zaazaa, H.E., El-Mosallamy, S.S. Novel analytical method based on chemometric models applied to UV-Vis spectrophotometric data for simultaneous determination of Etoricoxib and Paracetamol in presence of Paracetamol impurities. (2023) BMC Chemistry, 17 (1), art. no. 176, .
4.	Abdelhakeem, E., Monir, S., Teaima, M.H.M., <b>Rashwan, K.O.</b> , El-Nabarawi, M. State-of-the-Art Review of Advanced Electrospun Nanofiber Composites for Enhanced Wound Healing. (2023) AAPS PharmSciTech, 24 (8), art. no. 246, .
5.	Kelani, K.M., Hegazy, M.A., Hassan, A.M., <b>Tantawy, M.A.</b> Application of multivariate chemometrics tools for spectrophotometric determination of naphazoline HCl, pheniramine maleate and three official impurities in their eye drops (2023) Scientific Reports, 13 (1), art. no. 19678, .
6.	Zakaraia, H.G., Salem, H.F., Mostafa, M.A.A., <b>Ali, A.M.</b> , Rabea, H.M. Empagliflozin versus Sitagliptin as add-on dual therapy in Egyptian patients with type 2 diabetes inadequately controlled with Metformin: a 12-week randomized, open-label, parallel-group trial (2023) Beni-Suef University Journal of Basic and Applied Sciences, 12 (1), art. no. 104
7.	Elsayed, A.A., Rabea, H.M., Salman, S.A., <b>Wahsh, E.A.</b> The preparedness and knowledge of pharmacists and general practitioners in managing human monkeypox: a highly spreading infectious disease (2023) Journal of Pharmaceutical Policy and Practice, 16 (1), art. no. 125, .
8.	Mohamed, E.I., <b>Turkey, M.S.</b> , Meshref, R.A., Ghazal, A.A., Shawky, S.M., Aboulela, A.G. Electronic nose versus VITEK 2 system for the rapid diagnosis of bloodstream infections (2023) Brazilian Journal of Microbiology, 54 (4), pp. 2857-2865.
9.	<b>Rasheed, D.M.</b> , Farag, M.A., Khatatb, A.R., Rahman, M.F.A., <b>El-Haddad, A.E.</b> A comparative MS-based metabolomics study and in-vitro antidiabetic assay of galangals, turmeric and ginger aided by molecular networking and chemometrics. (2023) Industrial Crops and Products, 205, art. no. 117438,
10.	<b>Tantawy, M.A.</b> , Aboul-Enein, H.Y., Yehia, A.M. Resolving phenylephrine HCl and guaifenesin enantiomers on cellulose-based chiral stationary phases: Separation of four enantiomers on 50-mm column (2023) Chirality, 35 (12), pp. 1019-1028.
11.	Elmasry, M.S., Hassan, W.S., <b>Merey, H.A.</b> , Nour, I.M. Earth-friendly micellar UPLC technique for determination of four hypoglycemic drugs in different pharmaceutical dosage forms and spiked human plasma (2023) BMC Chemistry, 17 (1), art. no. 74, .
12.	<b>Tantawy, M.A.</b> , Wahba, I.A., Saad, S.S., Ramadan, N.K. Classical versus chemometrics tools for spectrophotometric determination of fluocinolone acetonide, ciprofloxacin HCl and ciprofloxacin impurity-A in their ternary mixture (2023) BMC Chemistry, 17 (1), art. no. 49



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13.	Sarhan, N.M., <b>Warda, A.E.A.</b> , Ibrahim, H.S.G., Schaalán, M.F., Fathy, S.M. Evaluation of infliximab/tocilizumab versus tocilizumab among COVID-19 patients with cytokine storm syndrome (2023) <i>Scientific Reports</i> , 13 (1), art. no. 6456
14.	Mohamed, H.M., Zaazaa, H.E., Abdelkawy, M., <b>Tantawy, M.A.</b> Exploiting the power of UPLC in separation and simultaneous determination of pholcodine, guaiacol along with three specified guaiacol impurities (2023) <i>BMC Chemistry</i> , 17 (1), art. no. 35,
15.	Elsheikh, S.G., <b>Hassan, A.M.E.</b> , Fayez, Y.M., El-Mosallamy, S.S. Green analytical chemistry and experimental design: a combined approach for the analysis of zonisamide (2023) <i>BMC Chemistry</i> , 17 (1), art. no. 38
16.	Sayed, M.A., El-Sherif, R.M., Ismail, A., <b>Abou Warda, A.E.</b> , Mohamed, A.R., El-Sherif, A.A. Effect of low-level laser physiotherapy on left ventricular function among patients with chronic systolic heart failure (2023) <i>Egyptian Heart Journal</i> , 75 (1),
17.	AbouAitah, K., Hassan, H.A., Ammar, N.M., Abou Baker, D.H., Higazy, I.M., Shaker, O.G., Elsayed, A.A.A., <b>Hassan, A.M.E.</b> Novel delivery system with a dual-trigger release of savory essential oil by mesoporous silica nanospheres and its possible targets in leukemia cancer cells: in vitro study (2023) <i>Cancer Nanotechnology</i> , 14 (1),
18.	<b>Hassan, A.M.E.</b> , Alshehri, R.F., El-Bahy, S.M., Amin, A.S., Aish, M. A modified selective optical sensor for selenium determination based on incorporating xylenol orange in a poly(vinyl chloride) membrane (2023) <i>RSC Advances</i> , 13 (49), pp. 34618-34629
19.	<b>Eid, S.M.</b> , Attia, K.A.M., El-Olemy, A., Emad F. Abbas, A., Abdelshafi, N.A. An innovative nanoparticle-modified carbon paste sensor for ultrasensitive detection of lignocaine and its extremely carcinogenic metabolite residues in bovine food samples: Application of NEMI, ESA, AGREE, ComplexGAPI, and RGB12 algorithms (2023) <i>Food Chemistry</i> , 426, art. no. 136579, .
20.	Rezk, S., Soliman, H., Kader, O.A., <b>Turkey, M.</b> Could beauty salon brushes be a potential candidate for transmitting bacterial infections? (2023) <i>Microbes and Infectious Diseases</i> , 4 (4), pp. 1193-1197.
21.	Hassan, A.M., Kelani, K.M., Hegazy, M.A., <b>Tantawy, M.A.</b> Molecular imprinted polymer-based potentiometric approach for the assay of the co-formulated tetracycline HCl, metronidazole and bismuth subcitrate in capsules and spiked human plasma (2023) <i>Analytica Chimica Acta</i> , 1278, art. no. 341707
22.	Sabry, M.M., Abdel-Rahman, R.F., Fayed, H.M., <b>Taher, A.T.</b> , Ogaly, H.A., Albohy, A., <b>El-Gayed, S.H.</b> , Ibrahim, R.M. Impact of Eucalyptus maculata Hook resin exudate constituents on reducing COX-2 gene expression: In-vivo anti-inflammatory, molecular docking and dynamics studies (2023) <i>Journal of Ethnopharmacology</i> , 314, art. no. 116631,
23.	Mounir, R., <b>Alshareef, W.A.</b> , <b>El Gebaly, E.A.</b> , <b>El-Haddad, A.E.</b> , Ahmed, A.M.S., Mohamed, O.G., Enan, E.T., Mosallam, S., Tripathi, A., Selim, H.M.R.M., Bukhari, S.I., Alfaraj, R., Ragab, G.M., <b>El-Gazar, A.A.</b> , El-Emam, S.Z. Unlocking the Power of Onion Peel Extracts: Antimicrobial and Anti-Inflammatory Effects Improve Wound Healing through Repressing Notch-1/NLRP3/Caspase-1 Signaling (2023) <i>Pharmaceuticals</i> , 16 (10), art. no. 1379
24.	Abdelbari, M.A., Elshafeey, A.H., Abdelbary, A.A., <b>Mosallam, S.</b> Implementing Nanovesicles for Boosting the Skin Permeation of Non-steroidal Anti-inflammatory Drugs (2023) <i>AAPS PharmSciTech</i> , 24 (7), art. no. 195,



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25.	<b>Tantawy, M.A.</b> , Yehia, A.M., Elbalkiny, H.T. All-solid-state chip utilizing molecular imprinted polymer for erythromycin detection in milk samples: Printed circuit board-based potentiometric system (2023) <i>Microchimica Acta</i> , 190 (10), art. no. 408, .
26.	Ali, M., Kandile, N.G., Mohamed, M.I., <b>Taher, A.T.</b> , Mohamed, H.M. Fabrication of Modified Chitosan with Furanone Derivatives and its Nanocomposites: Synthesis, Characterization and Evaluation as Anticancer Agents (2023) <i>Egyptian Journal of Chemistry</i> , 66 (10), pp. 269-281.
27.	Attia, K.A.M., El-Olemy, A., Abbas, A.E.F., <b>Eid, S.M.</b> A sustainable data processing approach using ultraviolet-spectroscopy as a powerful spectral resolution tool for simultaneously estimating newly approved eye solution in the presence of extremely carcinogenic impurity aided with various greenness and whiteness assessment perspectives: Application to aqueous humor (2023) <i>Journal of Chemical Research</i> , 47 (5),
28.	Elsheikh, S.G., <b>Hassan, A.M.E.</b> , Fayez, Y.M., El-Mosallamy, S.S. Validated Stability Indicating Spectrophotometric Methods for Quantitative Determination of Anticonvulsant Drug Zonisamide in the Presence of Its Oxidative Degradation Product (2023) <i>Journal of Applied Spectroscopy</i> , 90 (4), pp. 907-915
29.	Abu-Elfotuh, K., Hamdan, A.M.E., Abbas, A.N., Alahmre, A.T.S., Elewa, M.A.F., Masoud, R.A.E., Ali, A.A., Othman, M., Kamal, M.M., Hassan, F.A.M., Khalil, M.G., El-Sisi, A.M., Abdel Hady, M.M.M., Abd-Elhaleim El Azazy, <b>M.K.</b> , <b>Awny, M.M.</b> , Wahid, A. Corrigendum to "Evaluating the neuroprotective activities of vinpocetine, punicalagin, niacin and vitamin E against behavioural and motor disabilities of manganese-induced Parkinson's disease in Sprague Dawley rats" [Biomed. Pharmacother. 153 (2022) 113330] ( (2023) <i>Biomedicine and Pharmacotherapy</i> , 165, art. no. 115060,
30.	<b>Hassan, A.M.E.</b> , Ali, T.A., Mohamed, G.G., Ahmed, F.M., Ibrahim, A.E., El Deeb, S., Salman, B.I., Batakoushy, H.A. Preparation, characterization and application of a novel selective mercury electrode using natural Epoxide as a green anion carrier (2023) <i>Microchemical Journal</i> , 192, art. no. 108905,
31.	<b>El-Mancy, S.S.</b> , <b>Boshra, S.A.</b> , <b>Elnahas, O.S.</b> , <b>Fayez, S.M.</b> , <b>Sheta, N.M.</b> Enhancement of Bottle Gourd Oil Activity via Optimized Self-Dispersing Lipid Formulations (SDLFs) to Mitigate Isoproterenol-Evoked Cardiac Toxicity in Rats via Modulating BMP, MMP2, and miRNA-21 and miRNA-23a Genes' Expression (2023) <i>Molecules</i> , 28 (16), art. no. 6168,
32.	Hussein, M.A., Borik, R.M., Nafie, M.S., Abo-Salem, H.M., <b>Boshra, S.A.</b> , Mohamed, Z.N. Structure Activity Relationship and Molecular Docking of Some Quinazolines Bearing Sulfamerazine Moiety as New 3CLpro, cPLA2, sPLA2 Inhibitors (2023) <i>Molecules</i> , 28 (16), art. no. 6052,
33.	Bendary, M.M., Abd El-Hamid, M.I., Abousaty, A.I., Elmanakhly, A.R., <b>Alshareef, W.A.</b> , Mosbah, R.A., Alhomrani, M., Ghoneim, M.M., Elkelish, A., Hashim, N., Alamri, A.S., Al-Harathi, H.F., Safwat, N.A. Therapeutic switching of rafoxanide: A new approach to fighting drug-resistant bacteria and fungi (2023) <i>Microbiology Spectrum</i> , 11 (4),
34.	<b>El Gizawy, H.A.</b> , <b>Boshra, S.A.</b> Pachira macrocarpa Schlttdl. & Cham., HPLC Profile, and Neuroprotective Potential via Regulation of JNK, miRNA132, and miRNA-125b (2023) <i>ACS Omega</i> , 8 (30), pp. 27238-27246.
35.	El-Emam, S.Z., Soubh, A.A., Al-Mokaddem, A.K., Abo El-Ella, D.M. Correction to: Geraniol activates Nrf-2/HO-1 signaling pathway mediating protection against oxidative stress-induced



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36.	<b>Wahsh, E.A., Abou Warda, A.E.,</b> El-Gazar, R.A., Elshanbary, A.A., Elsayed, S.M., El Said, N.O. A cross-sectional analysis of the association between diabetes self-care practices and blood glucose regulation among Egyptian diabetic patients (2023) European review for medical and pharmacological sciences, 27 (13), pp. 6192-6199.
37.	Abdelaziz, A., Hafez, A.H., Elaraby, A., Roshdy, M.R., Abdelaziz, M., Eltobgy, M.A., Elsayed, H., El-Samahy, M., Elbehbeh, N.A., Philip, K.G., Abdelaty, A.M., Rizk, M.A., Al-Tawil, M., AboElfarh, H.E., Ramadan, A., Ghaith, H.S., <b>Wahsh, E.A.,</b> Abdelazeem, B., Fayed, B. Posterior pericardiectomy for the prevention of atrial fibrillation after cardiac surgery: a systematic review and meta-analysis of 25 randomised controlled trials (2023) EuroIntervention, 19 (4), pp. 305-317
38.	<b>Tantawy, M.A.,</b> Abdulla, S.A., Mohamed, O.Y., Abou Al-Alamein, A.M. Normal-Phase TLC and Gradient Reversed-Phase HPLC for the Simultaneous Determination of Enrofloxacin and Bromhexine HCl in Presence of Two of Their Official Impurities (2023) Journal of Chromatographic Science, 61 (6), pp. 546-551
39.	El-Masry, R.M., Amin, M.A., Korany, M., Giovannuzz, S., Sakr, T.M., Kadry, H.H., Supuran, C.T., Abou-Seri, S.M., <b>Taher, A.T.</b> Elaborating 5-(4-Chlorophenyl)-1,3,4-Thiadiazole Scaffold with A P-Tolyl Sulfonamide Moiety Enhances Cytotoxic Activity: Design, Synthesis, in Vitro Cytotoxicity Evaluation, Radiolabelling and in Vivo Pharmacokinetic Study (2023) Egyptian Journal of Chemistry, 66 (7), pp. 19-30.
40.	Elbalkiny, H.T., Yehia, A.M., <b>Tantawy, M.A.</b> A trimodal detection paper chip for undisclosed drug “sibutramine” in nutraceuticals (2023) Analytical Methods, 15 (28), pp. 3439-3448.
41.	<b>Abdelbari, M.A., El-Gazar, A.A.,</b> Abdelbary, A.A., Elshafeey, A.H., <b>Mosallam, S.</b> Brij® integrated bilosomes for improving the transdermal delivery of niflumic acid for effective treatment of osteoarthritis: In vitro characterization, ex vivo permeability assessment, and in vivo study (2023) International Journal of Pharmaceutics, 640, art. no. 123024,
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43.	<b>Elsheikh, S.G.,</b> Fayez, Y.M., <b>Hassan, A.M.E.,</b> El-Mosallamy, S.S. Greenness assessment of novel microfabricated electrode utilizing N-doped graphite as a transducer for sensing of zonisamide. Application: Pharmaceuticals and Spiked human plasma (2023) Sustainable Chemistry and Pharmacy, 33, art. no. 101105, .
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45.	<b>Gendy, A.M.,</b> Soubh, A., Elnagar, M.R., Hamza, E., Ahmed, K.A., Aglan, A., <b>El-Haddad, A.E.,</b> Farag, M.A., El-Sadek, H.M. New insights into the role of berberine against 3-nitropropionic acid-induced striatal neurotoxicity: Possible role of BDNF–TrkB–PI3K/Akt and NF-κB signaling (2023) Food and Chemical Toxicology, 175, art. no. 113721,
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	(2023) Arabian Journal of Chemistry, 16 (5), art. no. 104676, .
47.	<b>Al-Najjar, A.H., Ayob, A.R.,</b> Awad, A.S. Role of Lactoferrin in Treatment of Bile Duct Ligation-Induced Hepatic Fibrosis in Rats: Impact on Inflammation and TGF- $\beta$ 1/Smad2/ $\alpha$ SMA Signaling Pathway (2023) Journal of Clinical and Experimental Hepatology, 13 (3), pp. 428-436.
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49.	Alruwad, M.I., Sabry, M.M., <b>Gendy, A.M.</b> , El-Dine, R.S., El Hefnawy, H.M. In Vitro Cytotoxic Potential of Selected Jordanian Flora and Their Associated Phytochemical Analysis (2023) Plants, 12 (8), art. no. 1626
50.	<b>El-Dahmy, R.M.</b> , Elsayed, I., Hussein, J., Althubiti, M., Almaimani, R.A., El-Readi, M.Z., Elbaset, M.A., Ibrahim, B.M.M. Development of Transdermal Oleogel Containing Olmesartan Medoxomil: Statistical Optimization and Pharmacological Evaluation (2023) Pharmaceutics, 15 (4), art. no. 1083, .
51.	Sarhan, R.M., E. Altyar, A., <b>Essam Abou Warda, A.</b> , Saied, Y.M., Ibrahim, H.S.G., Schaalán, M.F., Fathy, S., Sarhan, N., Boshra, M.S. Pentoxifylline Effects on Hospitalized COVID-19 Patients with Cytokine Storm Syndrome: A Randomized Clinical Trial (2023) Pharmaceutics, 16 (4), art. no. 631,
52.	Nazlawy, H.N., Zaazaa, H.E., <b>Meray, H.A.</b> , Atty, S.A. Green validated chromatographic methods for simultaneous determination of co-formulated oxytetracycline HCl and flunixin meglumine in the presence of their impurities in different matrices (2023) Journal of the Iranian Chemical Society, 20 (4), pp. 885-896
53.	Nazlawy, H.N., Zaazaa, H.E., <b>Meray, H.A.</b> , A.Atty, S. Green voltammetric nano scaled determination of toldimfos and its residues in cattle meat and milk in presence of its toxic metabolite and Co-administered vitamin C (2023) Sustainable Chemistry and Pharmacy, 31, art. no. 100906,
54.	<b>Abuelella, K.E.</b> , Abd-Allah, H., <b>Soliman, S.M.</b> , Abdel-Mottaleb, M.M.A. Skin targeting by chitosan/hyaluronate hybrid nanoparticles for the management of irritant contact dermatitis: In vivo therapeutic efficiency in mouse-ear dermatitis model (2023) International Journal of Biological Macromolecules, 232, art. no. 123458
55.	<b>Fayez, S.M., Elnahas, O.S., Fayez, A.M., El-Mancy, S.S.</b> Coconut oil based self-nano emulsifying delivery systems mitigate ulcerogenic NSAIDs side effect and enhance drug dissolution: Formula optimization, in-vitro, and in-vivo assessments (2023) International Journal of Pharmaceutics, 634, art. no. 122666,
56.	Refai, H., <b>El-Gazar, A.A.</b> , Ragab, G.M., Hassan, D.H., Ahmed, O.S., Hussein, R.A., Shabana, S., Waffo-Téguo, P., Valls, J., Al-Mokaddem, A.K., Selim, H.M.R.M., Yousef, E.M., Ali, S.K., Salman, A., Abo-Zalam, H.B., Albash, R. Enhanced Wound Healing Potential of Spirulina platensis Nanophytosomes: Metabolomic Profiling, Molecular Networking, and Modulation of HMGB-1 in an Excisional Wound Rat Model (2023) Marine Drugs, 21 (3), art. no. 149, .
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58.	Elgendy, M.O., El-Gendy, A.O., Elgendy, S.O., <b>Abdelaty, L.N.</b> , Abdelrahim, M.E.A., Abdelrahman, M.A. Perceptions, Knowledge, and Experiences of Using Face Masks among Egyptian Healthcare Workers during the COVID-19 Pandemic: A Cross-Sectional Study (2023) <i>Healthcare (Switzerland)</i> , 11 (6), art. no. 838,
59.	Soliman, S.S., Mahmoud, A.M., <b>Elghobashy, M.R.</b> , Zaazaa, H.E., Sedik, G.A. Point-of-care electrochemical sensor for selective determination of date rape drug “ketamine” based on core-shell molecularly imprinted polymer (2023) <i>Talanta</i> , 254, art. no. 124151,
60.	Elsayed, H.E., <b>El-Deeb, E.M.</b> , Taha, H., Taha, H.S., Elgindi, M.R., Moharram, F.A. Essential oils of Psidium cattleianum Sabine leaves and flowers: Anti-inflammatory and cytotoxic activities (2023) <i>Frontiers in Chemistry</i> , 11, art. no. 1120432, .
61.	<b>Mostafa, M.M.</b> , Amin, M.M., Zakaria, M.Y., Hussein, M.A., Shamaa, M.M., <b>Abd El-Halim, S.M.</b> Chitosan Surface-Modified PLGA Nanoparticles Loaded with Cranberry Powder Extract as a Potential Oral Delivery Platform for Targeting Colon Cancer Cells (2023) <i>Pharmaceutics</i> , 15 (2), art. no. 606
62.	Abou-Taleb, H.A., Shoman, M.E., <b>Makram, T.S.</b> , Abdel-Aleem, J.A., Abdelkader, H Exploration of the Safety and Solubilization, Dissolution, Analgesic Effects of Common Basic Excipients on the NSAID Drug Ketoprofen (2023) <i>Pharmaceutics</i> , 15 (2), art. no. 713
63.	Sarhan, N., <b>Essam Abou Warda, A.</b> , Alsahali, S., Alanazi, A.S. Impact of Vitamin D Supplementation on the Clinical Outcomes and Epigenetic Markers in Patients with Acute Coronary Syndrome (2023) <i>Pharmaceutics</i> , 16 (2), art. no. 262,
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65.	Bahouth, S.W., <b>Nooh, M.M.</b> , Mancarella, S. Involvement of SAP97 anchored multiprotein complexes in regulating cardiorenal signaling and trafficking networks (2023) <i>Biochemical Pharmacology</i> , 208, art. no. 115406
66.	<b>Gendy, A.M.</b> , <b>El-Sadek, H.M.</b> , Amin, M.M., Ahmed, K.A., El-Sayed, M.K., <b>El-Haddad, A.E.</b> , Soubh, A. Glycyrrhizin prevents 3-nitropropionic acid-induced neurotoxicity by downregulating HMGB1/TLR4/NF- $\kappa$ B p65 signaling, and attenuating oxidative stress, inflammation, and apoptosis in rats (2023) <i>Life Sciences</i> , 314, art. no. 121317,
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