

Pharmacognosy Department Publication Database 2024

1. Abdel-Hameed UK, Abualghaith AS, Aly SH, Soliman MM, Munshi LA, Mohammed SA, Eldahshan OA, Abdelghffar EA. 2024. **GC/MS Analysis and Protective Effects of Mentha longifolia L. Essential Oil Against Antituberculosis Drug-Induced Organs Toxicity in Wistar Albino Rats.** Plants. 13(22):3231.

Impact factor = 4.6

2. Abdelbaset S, Ayoub IM, Mohamed OG, Tripathi A, Eldahshan OA, El-Kersh DM. 2024. **Metabolic profiling of Vitex Pubescens Vahl bark via UPLC-ESI-QTOF/MS/MS analysis and evaluation of its antioxidant and acetylcholinesterase inhibitory activities.** BMC Complementary Medicine and Therapies. 24(1):232.

Impact factor = 3.9

3. AbdelRazek MM, Elissawy AM, Mostafa NM, Moussa AY, Elshanawany MA, Singab ANB. 2024. **Bioactive secondary metabolites from fungal endophytes, Penicillium oxalicum and Phoma herbarum, associated with Morus nigra and Ficus sycomorus: an in silico study.** RSC advances. 14(49):36451-36460.

Impact factor = 3.04

4. Abid F, Saleem M, Jamshaid T, Jamshaid U, Youssef FS, Diri RM, Elhady SS, Ashour ML. 2024. **Opuntia monacantha: Validation of the anti-inflammatory and anti-arthritic activity of its polyphenolic rich extract in silico and in vivo via assessment of pro-and anti-inflammatory cytokines.** Journal of ethnopharmacology. 326:117884.

Impact factor = 5.4

5. Aboulwafa M, Mostafa N, Youssef F, Eldahshan O, Singab A. 2024. **Evaluation of Azadirachta indica cultivated in Egypt against biofilm formation by Pseudomonas aeruginosa: Insights from molecular docking studies targeting LasR.** Infect Dis Res. 5(4):16.

6. Aboulwafa MM, Aly SH, AbouZid S, Eldahshan OA, Singab ANB. 2024. **Role of Herbalism in Systemic Lupus Erythematosus Treatment. Herbal Medicine for Autoimmune Diseases.** Bentham Science Publishers; p. 23-47.

7. AbouZeid EM, Afifi AH, Hussei RA, Salama AA, Youssef FS, El-Ahmady SH, Ammar NM. 2024. **Phoenix dactylifera L.: an overview of phytochemical constituents and impact on women's health.** Chemistry & Biodiversity. 21(7):e202400456.

Impact factor = 2.9

8. AbouZeid EM, Hussein RA, Salama AA, Youssef FS, El-Ahmady SH, Ammar NM, Afifi AH. 2024. **Metabolomic study of the estrogenic and anti-osteoporotic potential of Erythrina bidwillii leaf.** Biomedical Chromatography. 38(3):e5810.

Impact factor = 1.8

9. Al-kuraishy HM, Al-Gareeb AI, Eldahshan OA, Abdelkhalek YM, El Dahshan M, Ahmed EA, Sabatier JM, Batiha GES. 2024. **The possible role of nuclear factor erythroid-2-related factor 2 activators in the management of Covid-19.** Journal of Biochemical and Molecular Toxicology. 38(1):e23605.

Impact factor = 3.5

10. Aly SH, El-Shazly M, Eldahshan OA. 2024. **Antidotes to reptile toxins chemical composition of snake venoms; toxic effects of snake venom.** Antidotes to Toxins and Drugs. Elsevier; p. 71-97.

11. Ashmawy NS, Nilofar N, Zengin G, Eldahshan OA. 2024. **Metabolic profiling and enzyme inhibitory activity of the essential oil of citrus aurantium fruit peel.** BMC Complementary Medicine and Therapies. 24(1):262.

Impact factor = 3.9

12. Ashraf H, Abdelkhalek YM, El-Shazly M, Hritcu L, Eldahshan OA. 2024. **Neuroprotection induced by baicalein and baicalin. Natural Molecules in Neuroprotection and Neurotoxicity.** Elsevier; p. 1289-1306.

13. Ayoub IM, Eldahshan OA, Roxo M, Zhang S, Wink M, Singab ANB. 2024. **Stress resistance, antiaging, and neuroprotective activities of baicalein 5, 6-dimethyl ether and Alnus rugosa extract in Caenorhabditis elegans model.** Archiv der Pharmazie. 357(12):2400464.

Impact factor = 4.613

14. Bahgat DM, Aly SH, El-Nashar HA, Elissawy AE, Eldahshan OA, Singab ANB. 2024. **Egyptian plants stand a shield against diabetic mellitus: Scientific evidence and mechanistic approaches.** Antidiabetic Medicinal Plants. Elsevier; p. 441-471.

15. Bouabdallah S, Ben-Attia M, Eldahshan OA. 2024. **Efficacy of Tribulus terrestris on diabetes and sexual disorders: A narrative review.** Journal of Bioresources and Environmental Sciences. 3(3):155-160.

16. Brinza I, Boianigiu RS, Honceriu I, Abd-Alkhalek AM, Eldahshan OA, Dumitru G, Hritcu L, Todirascu-Ciornea E. 2024. **Investigating the Potential of Essential Oils from Citrus reticulata Leaves in Mitigating Memory Decline and Oxidative Stress in the Scopolamine-Treated Zebrafish Model.** Plants. 13(12):1648.

Impact factor = 4.6

17. Brinza I, Boianigiu RS, Mihasan M, Gorgan DL, Stache AB, Abd-Alkhalek A, El-Nashar H, Ayoub I, Mostafa N, Eldahshan O. 2024. **Rhoifolin, baicalein 5, 6-dimethyl ether and agathisflavone prevent amnesia induced in scopolamine zebrafish (Danio rerio) model by increasing the mRNA expression of bdnf, npy, egr-1, nfr2 α , and creb1 genes.** European Journal of Pharmacology. 984:177013.

Impact factor = 4.4

18. Cusumano G, Flores GA, Cetiz MV, Kurt U, Ak G, Saka E, Aly SH, Eldahshan OA, Singab AN, Zengin G. 2024. **Small Steps to the Big Picture for Health-Promoting Applications Through the Use of Chickweed (*Stellaria media*): In Vitro, In Silico, and Pharmacological Network Approaches.** Food Science & Nutrition. 12(11):9295-9313.

Impact factor = 3.5

19. El-Nashar HA, Abdelghffar EA, Eldahshan OA, Hritcu L. 2024. **Neuroprotection induced by agathisflavone.** Natural Molecules in Neuroprotection and Neurotoxicity. Elsevier; p. 1151-1158.

20. El-Nashar HA, Aly SH, Hritcu L, Eldahshan OA. 2024. **Mango (*Mangifera indica* L.): Phytochemical Profile, Nutritional Aspects and Potential Anti-Diabetic Therapeutics Studies.** Ancient and Traditional Foods, Plants, Herbs and Spices used in Diabetes. CRC Press; p. 279-295.

21. El-Nashar HA, Eldahshan OA, Nilofar N, Zengin G. 2024. **Chemical profiling and enzyme inhibitory properties of essential oil isolated from *Artemisia judaica* grown in Egypt: GC-MS analysis and in-Vitro studies.** Natural Product Research.1-5.

Impact factor = 2.488

22. El Kady WM, Ayoub IM, El Mehrate AK, Emad M, Tarek M, El Gdeily A, Mohamed ER, Medhat R, Mahmoud O, Gad AM. 2024. **Valorization of Citrus peels: GC/MS-based metabolites profiling, multivariate analysis, and antiaging potential.** Archiv der Pharmazie. 357(5):2300742.

Impact factor = 4.613

23. El Khodary YA, Ayoub IM, Pério P, Bourgeade-Delmas S, Ibrahim N, El-Ahmady SH. 2024. **A comparative untargeted metabolomic analysis and assessment of antiplasmodial potential of nine *Albizia* species.** Archiv der Pharmazie. 357(6):2300543.

Impact factor = 4.613

24. Elhady SS, Youssef FS, Lashkar MO, Hamdan DI, Ashour ML, Zengin G, El-Din MIG. 2024. **Chemometric discrimination of eight citrus plants utilizing chromatographic and spectroscopic techniques and insights into their biological potentials.** Current Research in Food Science. 9:100803.

Impact factor = 6.2

25. Elhawary EA, Korany DA, Eldahshan OA, Singab ANB. 2024. **Insights on Dietary Anticancer Products: Food Supplements, Prebiotics, and Probiotics.** Springer.

26. Elhawary EA, Nilofar N, Zengin G, Eldahshan OA. 2024. **Variation of the essential oil components of *Citrus aurantium* leaves upon using different distillation techniques and evaluation of their antioxidant, antidiabetic, and neuroprotective effect against Alzheimer's disease.** BMC Complementary Medicine and Therapies. 24(1):73.

Impact factor = 3.9

27. Elsayed HE, Ayoub IM, Mady MS, Moharram FA. 2024. **Chemical and biological characterization of *Melaleuca subulata* (Cheel) Craven leaves' volatile constituents supported by chemometric analysis and molecular docking.** BMC Complementary Medicine and Therapies. 24(1):76.

Impact factor = 3.9

28. Fahmy NM, Fayez S, Mohamed RW, Elissawy AM, Eldahshan OA, Zengin G, Singab ANB. 2024. **Moringa oleifera flowers: insights into their aroma chemistry, anti-inflammatory, antioxidant, and enzyme inhibitory properties.** BMC Complementary Medicine and Therapies. 24(1):286.

Impact factor = 3.9

29. Fahmy NM, Fayez S, Zengin G, Selvi S, Uba AI, Mollica A, Bouyahya A, Ponniya SKM, Nilofar, Lekmine S., Eldahshan OA. 2024. **Chemical exploration of different extracts from *Phytolacca americana* leaves and their potential utilization for global health problems: in silico and network pharmacology validation.** Journal of Biomolecular Structure and Dynamics.1-21.

Impact factor = 3.2

30. Fayez S, Eldahshan OA, Nilofar N, Zengin G, Fahmy NM. 2024. **Metabolomics-guided discrimination of constituents in five commercial apple (*Malus domestica* Borkh.) cultivars: Assessment of their antioxidant, neuroprotective, and antidiabetic activities for potential use as functional food.** Food Bioscience. 61:104708.

Impact factor = 4.8

31. Khaled N, Ibrahim N, Ali AE, Youssef FS, El-Ahmady SH. 2024. **LC-qTOF-MS/MS phytochemical profiling of *Tabebuia impetiginosa* (Mart. Ex DC.) Standl. leaf and assessment of its neuroprotective potential in rats.** Journal of Ethnopharmacology. 331:118292.

Impact factor = 5.4

32. Khaled N, Ibrahim N, Youssef FS, El-Ahmady SH. 2024. **Seasonal metabolic variation in the essential oil composition of various *Tabebuia* species and evaluation of their anti-inflammatory activity in vitro and in silico.** Archiv der Pharmazie.e2400710.

Impact factor = 4.613

33. Lekmine S, Benslama O, Kadi K, Brik A, Djefali O, Ounissi M, Slimani M, Ola MS, Eldahshan OA, Martín-García AI. 2024. **Preliminary Investigation of *Astragalus arpilobus* subsp. *hauarensis*: LC-MS/MS Chemical Profiling, In Vitro Evaluation of Antioxidant, Anti-Inflammatory Properties, Cytotoxicity, and In Silico Analysis against COX-2.** Antioxidants. 13(6):654.

Impact factor = 7.6

34. Mahmoud OA, Ayoub IM, Eldahshan OA, Singab ANB. 2024. **The impact of seasonal variation on the composition of the volatile oil of *Polyalthia suberosa* (Roxb.) Thwaites leaves and evaluation of its acetylcholinesterase inhibitory activity.** BMC Complementary Medicine and Therapies. 24(1):159.

Impact factor = 3.9

35. Moussa AY, Alanzi A, Luo J, Chung SK, Xu B. 2024. **Potential anti-obesity effect of saponin metabolites from adzuki beans: A computational approach.** Food Science & Nutrition. 12(5):3612-3627.

Impact factor = 3.5

36. Nilofar, Bahadırılı NP, Elhawary EA, Eldahshan O, Singab AN, Saka E, Cespedes-Acuna CL, Andruch V, Kalyniukova A, Zengin G. 2024. **Exploring the chemical composition and biological effects of four Salvia hybrids: an innovative perspective on functional yields.** eFood. 5(5):e70012.

Impact factor = 4

37. Nilofar N, Zengin G, Acar M, Bouyayha A, Youssra A, Eldahshan O, Fayez S, Fahmy N. 2024. **Assessing the Chemical Composition, Antioxidant and enzyme Inhibitory Effects of Pentapleura subulifera and Cyclotrichium glabrescens Extracts.** Chemistry & Biodiversity. 21(2):e202301651.

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38. Saeed Kotb S, Ayoub IM, El-Moghazy SA, Singab ANB. 2024. **Phytochemical analysis of Pithecellobium dulce (Roxb) Benth Bark via UPLC-ESI-MS/MS and evaluation of its biological activity.** Natural Product Research. 38(8):1424-1429.

Impact factor = 2.488

39. Salem AM, Farag SM, Gad HA, Al-Sayed E, El-Ahmady SH. 2024. **Anti-Culex pipiens activity of different pomegranate cultivars and determination of their bioactive compounds using LC-MS profiling.** Phytochemical Analysis. 35(3):507-520.

Impact factor = 3.37

40. Sameh S, Elissawy AM, Al-Sayed E, Labib RM, Chang H-W, Yu S-Y, Chang F-R, Yang S-C, Singab ANB. 2024. **Family Malvaceae: a potential source of secondary metabolites with chemopreventive and anticancer activities supported with in silico pharmacokinetic and pharmacodynamic profiles.** Frontiers in Pharmacology. 15:1465055.

Impact factor = 4.4

41. Sarwar I, Asif M, Jamshaid T, Saadullah M, Zubair HM, Saleem M, Jamshaid U, Youssef FS, Ashour ML, Elhady SS. 2024. **Phytochemical and biological studies of Panicum antidotale aerial parts ethanol extract supported by molecular docking study.** Frontiers in Pharmacology. 14:1243742.

Impact factor = 4.4

42. Shama SM, Elissawy AM, Salem MA, Youssef FS, Elnaggar MS, El-Seedi HR, Khalifa SA, Briki K, Hamdan DI, Singab ANB. 2024. **Comparative metabolomics study on the secondary metabolites of the red alga, Corallina officinalis and its associated endosymbiotic fungi.** RSC advances. 14(26):18553-18566.

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43. Sobhy HA, Elissawy AE, Eldahshan OA, Singab ANB. 2024. **Role of Egyptian Essential Oils in Health Care and Industry.** Pharmacological Aspects of Essential Oils. CRC Press; p. 107-119.

44. Terzic M, Fayez S, Fahmy NM, Eldahshan OA, Uba AI, Ponniya SKM, Selvi S, Koyuncu I, Yüksekdağ Ö, Zengin G. 2024. **Chemical characterization of three different extracts obtained from *Chelidonium majus* L.(Greater celandine) with insights into their in vitro, in silico and network pharmacological properties.** *Fitoterapia*. 174:105835.

Impact factor = 3.4

45. Yagi S, Zengin G, Eldahshan OA, Singab ANB, Selvi S, Cetiz MV, Rodrigues MJ, Custodio L, Dall'Acqua S, Elhawary EA. 2024. **Functional constituents of *Colchicum lingulatum* Boiss. & Spruner subsp. *rigescens* K. Perss. extracts and their biological activities with different perspectives.** *Food Bioscience*.104496.

Impact factor = 4.8

46. Younis MM, Ayoub IM, George MY, Mostafa NM, Eldahshan OA. 2024. **In vivo hepatoprotective and nephroprotective effects of *Stenocarpus sinuatus* leaf extract against ifosfamide-induced toxicity in rats.** *Archiv der Pharmazie*. 357(2):2300438.

Impact factor = 4.613

47. Zedan MA, Mostafa NM, Youssef F, Eldahshan OA. 2024. **An Updated Review on the Neuroprotective Constituents of Genus *Gardenia*.** *Archives of Pharmaceutical Sciences Ain Shams University*. 8(2):275-289.

48. Zengin G, Yagi S, Eldahshan OA, Singab AN, Selvi S, Rodrigues MJ, Custodio L, Dall'Acqua S, Ponnaiya SKM, Aly SH. 2024. **Decoding chemical profiles and biological activities of aerial parts and roots of *Eryngium thoriifolium* Boiss by HPLC-MS/MS, GC-MS and in vitro chemical assays.** *Food Bioscience*.104556.

Impact factor = 4.8

49. Abbassi MS, Lahreche T, Briki K, Lahrech MB, Othman AA, Elissawy AM, Singab ANB. 2024. **Synthesis, characterization, antimicrobial and antioxidant activity of 2-(2'-hydroxyphenyl)-1, 3, 4-oxadiazolyl-5-amino acid derivatives.** *Journal of Saudi Chemical Society*. 28(3):101866.

50. Abu-Hashem AA, Hakami O, El-Shazly M, El-Nashar HA, Yousif MN. 2024. **Caffeine and Purine Derivatives: A Comprehensive Review on the Chemistry, Biosynthetic Pathways, Synthesis-Related Reactions, Biomedical Prospectives and Clinical Applications.** *Chemistry & Biodiversity*. 21(7):e202400050.

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51. Alanzi A, Moussa AY, Mothana RA, Abbas M, Ali I. 2024. **In silico exploration of PD-L1 binding compounds: Structure-based virtual screening, molecular docking, and MD simulation.** *Plos one*. 19(8):e0306804.

Impact factor = 2.9

52. Alanzi AR, Moussa AY, Alsalhi MS, Nawaz T, Ali I. 2024. **Integration of pharmacophore-based virtual screening, molecular docking, ADMET analysis, and MD simulation for targeting EGFR: A comprehensive drug discovery study using commercial databases.** PloS one. 19(12):e0311527.

Impact factor = 2.9

53. Aly SH, Elissawy AM, El Hassab MA, Majrashi TA, Hassan FE, Elkaeed EB, Eldehna WM, Singab ANB. 2024. **Comparative metabolic study of the chloroform fraction of three Cystoseira species based on UPLC/ESI/MS analysis and biological activities.** Journal of Enzyme Inhibition and Medicinal Chemistry. 39(1):2292482.

Impact factor = 5.6

54. Amr K, Elissawy AM, Ibrahim N, Elnaggar MS, Fawzy IM, Singab ANB. 2024. **Unveiling the Antimicrobial and Larvicidal Potential of Butyrolactones and Orsellinic Acid Derivatives from the Morus alba-derived Fungus Aspergillus terreus via Integrated In vitro and In silico Approaches.** Chemistry & Biodiversity. 21(3):e202301900.

Impact factor = 2.9

55. Bahry MR, Al-Noor TH, Fardous AM, Heydari AR, Abdou A, Fayez S, El-Shazly M, Saleh Ni. 2024. **Synthesis, Characterization, and Antimicrobial Evaluation of Schiff Base-mixed Ligand Complexes with Divalent Metal Ions Derived from Amoxicillin and Vanillin/Nicotinamide.** Current Pharmaceutical Design. 30(23):1852-1866.

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56. Briki K, Lahreche T, Abbassi MS, Lahrech MB, Othman AA, Elissawy AM, Singab ANB. 2024. **Benzohydrazide as a good precursor for the synthesis of novel bioactive and anti-oxidant 2-phenyl-1, 3, 4-oxadiazol-aminoacid derivatives: Structural determination, biological and anti-oxidant activity.** Arabian Journal of Chemistry. 17(6):105767.

57. Dhatwalia J, Kumari A, Guleria I, Kumar Shukla R, Saleh Ni, El-Nashar HA, El-Shazly M. 2024. **Effect of altitude and harvest year on nutraceutical characteristics of Rubus ellipticus fruits.** Frontiers in Nutrition. 11:1419862.

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58. El-Nashar HA, Abbas AM, Al-Qaaneh AM, Abdel-Maksoud MA, El-Tayeb MA, Almutairi S, Hafeez Kiani B, Elhawary EA. 2024. **Chemical composition and antimicrobial investigation of the essential oil isolated from Montanoa bipinnatifida (Kunth) K. Koch leaves.** Journal of Essential Oil Bearing Plants. 27(5):1428-1438.

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59. El-Nashar HA, Al-Azzawi MA, Al-Kazzaz HH, Alghanimi YK, Kocaeli SM, Alhmammi M, Asad A, Salam T, El-Shazly M, Ali MA. **Hplc-Esi/Ms-Ms Metabolic Profiling of White Pitaya Fruit and Antiproliferative Potential Against Cervical Cancer: Comparative Studies, Synergistic Effects, and Molecular Mechanistic Approaches.**

60. El-Nashar HA, Al-Qaaneh AM, Bhuia MS, Chowdhury R, Abdel-Maksoud MA, Ebaid H, Malik A, Torequl Islam M, Aufy M, Elhawary EA. 2024. **UPLC-ESI/MSⁿ metabolic profiling of Cedrela odorata L. and Toona ciliata M. Roem and in vitro investigation of their anti-diabetic activity supported with molecular docking studies.** *Frontiers in Chemistry*. 12:1462309.

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61. El-Nashar HA, Shabana E-S, Kamli H, Shaikh A, Adel M. 2024. **Chemical composition of leaf essential oil of Schinopsis lorentzii and its inhibitory effects against key enzymes relevant to type-2 diabetes: an emphasis on GC-MS chemical profiling and molecular docking studies.** *Journal of Essential Oil Bearing Plants*.1-13.

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62. Elhawary EA, Moussa AY, Singab ANB. 2024. **Genus Curcuma: chemical and ethnopharmacological role in aging process.** *BMC Complementary Medicine and Therapies*. 24(1):31.

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63. Elnaggar MS, Fayez S, Anwar A, Ebada SS. 2024. **Cytotoxic naphtho-and benzofurans from an endophytic fungus Epicoccum nigrum Ann-B-2 associated with Annona squamosa fruits.** *Scientific Reports*. 14(1):4940.

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64. Elnaggar MS, Ibrahim N, Elissawy AM, Anwar A, Ibrahim MA, Ebada SS. 2024. **Cytotoxic and antimicrobial mycophenolic acid derivatives from an endophytic fungus Penicillium sp. MNP-HS-2 associated with Macrozamia communis.** *Phytochemistry*. 217:113901.

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65. Elnaggar MS, Mostafa NM, Elissawy AM, Phutthacharoen K, Eckhardt P, Sandargo B, van Geelen L, Ebada SS, Opatz T, Singab ANB. 2024a. **Acremochlorin O and Other Prenylated Chlorophenol Antimicrobial Metabolites from the Fungus Acremonium sp. Strain MNA-F-1.** *Beilstein Archives*. 2024(1):22.

66. Elnaggar MS, Mostafa NM, Elissawy AM, Phutthacharoen K, Eckhardt P, Sandargo B, van Geelen L, Ebada SS, Opatz T, Singab ANB. 2024b. **Acremochlorin S and other prenylated chlorophenol antimicrobial metabolites from the fungus Acremonium sp. Strain MNA-F-1.** *Fitoterapia*. 179:106254.

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69. Guo M, Zheng J, Wang Z, Singab ANB, Du M. 2024. **Comparison of different drying methods for Wushan Codonopsis pilosula: Changes in color, microstructure, nutrients, bioactive compounds, and volatile.** Journal of Food Composition and Analysis. 135:106566.

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74. Iqbal A, Sher AA, Badshah SL, Adil M, Wali S, Alotaibi G, Ayaz M, Mostafa NM. 2024. **Phytochemistry, Laxative, Prokinetic and Spasmolytic Verification of Withania somnifera (L.) Dunal Using In-Vitro, In-Vivo and In-Silico Approaches.** JOURNAL OF BIOLOGICAL REGULATORS AND HOMEOSTATIC AGENTS. 38(4):3057-3072.

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76. Islam MT, Bappi MH, Bhuia MS, Ansari SA, Ansari IA, Shill MC, Albayouk T, Saleh Ni, El-Shazly M, El-Nashar HA. 2024. **Anti-inflammatory effects of thymol: an emphasis on the molecular interactions through in vivo approach and molecular dynamic simulations.** *Frontiers in chemistry*. 12:1376783.

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77. Ismail AE, Elissawy AM, Gad HA, Singab A-NB. 2024. **Unearthing the Potential Secondary Metabolites Isolated from the Fungus *Aspergillus flocculosus*: A Comprehensive Review.** *Archives of Pharmaceutical Sciences Ain Shams University*. 8(1):42-58.

78. Luo J, Wu Y, Moussa AY, Huang Y, Fu Y, Wei Y, Luo J, Xu B. 2024. **Unveiling the molecular mechanisms of adzuki bean (*Vigna angularis*) derived bioactive phytochemicals in combating obesity.** *Food Bioscience*. 62:105515.

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80. Melo ECd, da Silva Pinheiro R, Costa BS, Lima RMTd, Dias ACS, de Jesus Aguiar dos Santos T, Nascimento MLLBd, de Castro e Sousa JM, Islam MT, de Carvalho Melo Cavalcante AA. 2024. **Allium cepa as a Toxicogenetic Investigational Tool for Plant Extracts: A Systematic Review.** *Chemistry & Biodiversity*. 21(12):e202401406.

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81. Mostafa NM, El-Nashar HA, Swilam N, Nematallah KA, Ullah A, Abbasi SH, Abdel-Mottaleb MM, El-Shazly M. 2024. **Development of metal-phenolic acid network for biomedical usages.** *Advancement of Phenolic Acids in Drug Discovery*. Elsevier; p. 461-484.

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