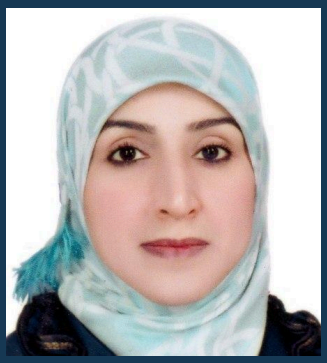

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EDUCATION

(01-07-2002) بكلوريوس
Pharmaceutical Science
Mousal University

(10-08-2017) ماجستير
Pharmaceutical Chemistry
Ain-Shams University

(29-12-2022) دكتوراه
Pharmaceutical Chemistry
Cairo University

RESEARCH METRICS

h-index (Scopus)	11
h-index (GS)	12
Citations (Scopus)	340
Citations (GS)	433
Documents (Scopus)	28
Documents (GS)	36

RESEARCH INTERESTS

• Design and synthesis and biological activity study for compounds candidate as anticancer agents

Khulood Hayal Oudah

خلود حيال عودة كريم الخفاجي

Lecturer

PROFILE

Dr. Khulood Hayal Oudah has a lot of experience in pharmaceutical chemistry. She got her advanced education from respected universities in Iraq and Egypt. She studied for her Master's in Pharmaceutical Chemistry at Ain Shams University and completed her Ph.D. with a specialized focus at Cairo University. Currently, she holds the position of Head of the Pharmaceutical Chemistry Department at Al-Ayen Iraqi University. She actively contributes to the growth of the academic and research fields. Dr. Oudah is well-informed about the latest developments in her field and is always eager to share this knowledge with students and the academic community. She provides valuable contributions to the development of the academic field, showcasing her passion for knowledge transfer and scientific research through teaching and active participation in various academic and research platforms.

ACADEMIC TITLES

2021-09-09 **Lecturer**

ADMINISTRATIVE POSITIONS

2022-03-01 - Present **Head of the Pharmaceutical Chemistry Department**

PUBLICATIONS (69)

1. From bench to brain: novel thieno-oxazine hybrids as potent pleiotropic anti-Alzheimer's agents with in vivo/in vitro validation and in silico insights
Journal of Enzyme Inhibition and Medicinal Chemistry 41 (1), 2598741, 2026 | 2026 | Cited: 1
2. Encapsulation of Naproxen with Meso-Tetradodecyl-Pyrogallol [4] arene: Complexation, Characterization, and Molecular Docking Insights: Enkapsulasi Naproksen dengan Meso ...
Indonesian Journal on Health Science and Medicine 3 (1), 10.21070/ijhsm ..., 2026 | 2026
3. Unlocking Therapeutic Potential of Novel Thieno-Oxazepine Hybrids as Multi-Target Inhibitors of AChE/BChE and Evaluation Against Alzheimer's Disease: In Vivo, In Vitro ...
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4. Design, synthesis, biological evaluation and in silico study of some benzoylthioureido based hydroxamic acid derivatives and their analogues
Results in Chemistry 14, 102157, 2025 | 2025
5. Efficient removal of amoxycillin antibiotics onto magnetic graphene oxide: adsorption performance, mechanism, and regeneration exploration
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6. Unlocking Therapeutic Potential of Novel Thieno-Oxazepine Hybrids as Multi-Target Inhibitors of AChE/BChE and Evaluation Against Alzheimer's Disease: In Vivo, In Vitro, Histopathological, and Docking Studies
Pharmaceuticals | 2025
7. Design, synthesis, biological evaluation and in silico study of some benzoylthioureido based hydroxamic acid derivatives and their analogues
Results in Chemistry | 2025

8. **Drug repurposing of pyrazolotriazine derivatives as potential anti-SARS-CoV-2 agents: in vitro and in silico studies**
2024

9. **Laminar rarefied flow analysis in a microchannel with H2O-Cu nanofluid: A thermal lattice Boltzmann study**
Modern Physics Letters B 38 (03), 2450006, 2024 | 2024 | Cited: 6

10. **A therapeutical insight into the correlation between circRNAs and signaling pathways involved in cancer pathogenesis**
Medical Oncology 41 (3), 69, 2024 | 2024 | Cited: 5

11. **Drug repurposing of pyrazolotriazine derivatives as potential anti-SARS-CoV-2 agents: in vitro and in silico studies**
BMC chemistry 18 (1), 132, 2024 | 2024 | Cited: 4

12. **Metabolic syndrome in relation to dietary acid load: A dose–response meta-analysis of observational studies**
Frontiers in Nutrition 10, 1233746, 2023 | 2023 | Cited: 8

13. **A comprehensive review on Ellagic acid in breast cancer treatment: From cellular effects to molecular mechanisms of action**
Food Science & Nutrition 11 (12), 7458-7468, 2023 | 2023 | Cited: 36

14. **Spectroscopic, anti-bacterial, anti-cancer and molecular docking of Pd (II) and Pt (II) complexes with (E)-4-((dimethylamino) methyl)-2-((4, 5-dimethylthiazol-2-yl) diazenyl ...**
Journal of Saudi Chemical Society 27 (3), 101619, 2023 | 2023 | Cited: 21

15. **miR-495-3p as a promising tumor suppressor in human cancers**
Pathology-Research and Practice, 154610, 2023 | 2023 | Cited: 4

16. **Efficient removal of amoxycillin antibiotics onto magnetic graphene oxide: adsorption performance, mechanism, and regeneration exploration**
International Journal of Environmental Analytical Chemistry, 1-23, 2023 | 2023

17. **Investigating the Effect of Cognitive Rehabilitation on the Memory Improvement of Patients With Alzheimer**
Iranian Rehabilitation Journal 21 (2), 319-326, 2023 | 2023

18. **Exosomes derived from adipose stem cells in combination with hyaluronic acid promote diabetic wound healing**
Tissue and Cell 85, 102252, 2023 | 2023 | Cited: 22

19. **Single or combined consumption of resveratrol and the probiotic, Lactobacillus acidophilus attenuate the effects of crowding stress on growth, immune characteristics, and ...**
Aquaculture Reports 29, 101471, 2023 | 2023 | Cited: 39

20. **Applications of magnetic nanomaterials in the fabrication of lateral flow assays toward increasing performance of food safety analysis: Recent advances**
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21. **The potential role of interleukins and interferons in ovarian cancer**
Cytokine 171, 156379, 2023 | 2023 | Cited: 14

22. **Exosomes derived from adipose stem cells in combination with hyaluronic acid promote diabetic wound healing**
Tissue and Cell, 102252, 2023 | 2023

23. **Laminar rarefied flow analysis in a microchannel with H2O-Cu nanofluid: A thermal lattice Boltzmann study**
Modern Physics Letters B, 2450006, 2023 | 2023

24. **The Effect of Cognitive Rehabilitation on the Memory Improvement of Alzheimer's Disease Patients**
Iranian Rehabilitation Journal 21 (2), 15-15, 2023 | 2023

25. **L-carnitine role in fertility and health**
AIP Conference Proceedings 2591 (1), 030061, 2023 | 2023 | Cited: 1

26. **A comprehensive review on Ellagic acid in breast cancer treatment: From cellular effects to molecular mechanisms of action**
Food Science & Nutrition, 2023 | 2023 | Cited: 1

27. **Metabolic syndrome in relation to dietary acid load: a dose–response meta-analysis of observational studies**
Frontiers in Nutrition 10, 2023 | 2023 | Cited: 2

28. **miR-495–3p as a promising tumor suppressor in human cancers**
Pathology-Research and Practice 248, 154610, 2023 | 2023 | Cited: 7

29. **Highly development and validation of a spectrophotometric method for Mogadon drug in pharmaceutical tablets by diazotization reaction**
Eurasian Chem Commun 5, 1013-1022, 2023 | 2023 | Cited: 3

30. **Highly development and validation of a spectrophotometric method for Mogadon drug in pharmaceutical tablets by diazotization reaction**
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31. **Investigating the effect of cognitive rehabilitation on the memory improvement of patients with Alzheimer**
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32. **Single or combined consumption of resveratrol and the probiotic, Lactobacillus acidophilus attenuate the effects of crowding stress on growth, immune characteristics, and antioxidant defense in the common carp, (Cyprinus carpio)**
Aquaculture Reports | 2023

33. **A systematic review of the protective effects of silymarin/silibinin against doxorubicin-induced cardiotoxicity**
Cancer Cell International | 2023

34. **Design and synthesis of some new benzoylthioureido benzenesulfonamide derivatives and their analogues as carbonic anhydrase inhibitors**
Journal of Enzyme Inhibition and Medicinal Chemistry | 2023

35. **Laminar rarefied flow analysis in a microchannel with H₂O-Cu nanofluid: A thermal lattice Boltzmann study**
Modern Physics Letters B | 2023

36. **Metabolic syndrome in relation to dietary acid load: a dose-response meta-analysis of observational studies**
Frontiers in Nutrition | 2023

37. **Spectroscopic, anti-bacterial, anti-cancer and molecular docking of Pd(II) and Pt(II) complexes with (E)-4-((dimethylamino)methyl)-2-((4,5-dimethylthiazol-2-yl)diazenyl)phenol ligand**
Journal of Saudi Chemical Society | 2023

38. **In-vitro evaluation of anticancer activity of natural flavonoids, apigenin and hesperidin**
Materials Today: Proceedings 60, 1840-1843, 2022 | 2022 | Cited: 15

39. **Carboxymethyl chitosan nano-fibers for controlled releasing 5-fluorouracil anticancer drug**
J Nanostruct 12 (1), 136-143, 2022 | 2022 | Cited: 35

40. **In-vitro evaluation of anticancer activity of natural flavonoids, apigenin and hesperidin**
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42. **The emerging role of 27-hydroxycholesterol in cancer development and progression: An update**
International Immunopharmacology 110, 109074, 2022 | 2022 | Cited: 49

43. **Double chelation of Iron through dimer formation of favipiravir: Density functional theory analysis**
Main Group Chemistry, 1-9, 2022 | 2022 | Cited: 3

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45. **The effect of green tea extract and metformin on diabetic mellitus induce in male rats**
Iranian Journal of Ichthyology 8, 163-167, 2021 | 2021 | Cited: 2

46. **Reliability, Speed And Simplicity Of Nicorandil Determination By High-Performance Liquid Chromatography Reverse-Phase Technique**
NVEO-NATURAL VOLATILES & ESSENTIAL OILS Journal| NVEO, 5303-5316, 2021 | 2021 | Cited: 1

47. **A study of the impact of morin extract on obesity diseases compared with some chemical drugs used in male rats with induced obesity**
Annals of the Romanian Society for Cell Biology 25 (2), 2198-2207, 2021 | 2021 | Cited: 1

48. **Immunological aspects of Alpha 1 Antitrypsin in COVID-19 infection among the Populace and Pregnant Women**
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49. **Insight In The Molecular Structure (spike proteins)/Mechanism of Pathogenesis Against Human Corona Viruses, The Emerging SARS-CoV2 Pandemic; A mini-review**
University of Thi-Qar Journal of Science 8 (2), 30-42, 2021 | 2021

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54. **The recent progress of sulfonamide in medicinal chemistry**
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55. **An insight into pyrazolo scaffold as anticancer**
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56. **THE RECENT PROGRESS OF SULFONAMIDE IN MEDICINAL CHEMISTRY.**
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58. **An Insight into Pyrazolo scaffold as anticancer**
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59. **Cyclin-dependent kinase inhibitors as targeted therapy in breast cancer.**
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60. **Design, synthesis and molecular docking of novel pyrazolo [1, 5-a][1, 3, 5] triazine derivatives as CDK2 inhibitors**
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61. **Design, synthesis and molecular docking of novel pyrazolo [1, 5-a][1, 3, 5] triazine derivatives as CDK2 inhibitors**
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62. **Fasten, simple, and specific stability of the avant-garde RP-HPLC method for estimation and validation of nystatin in pharmaceutical formulations Production**
INTERNATIONAL JOURNAL OF RESEARCH IN PHARMACEUTICAL SCIENCES 10 (4), 2019 | 2019 | Cited: 6

63. **CYCLIN-DEPENDENT KINASE INHIBITORS AS TARGETED THERAPY IN BREAST CANCER**
Biochemical and Cellular Archives | 2019

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Bioorganic Chemistry | 2019

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International Journal of Research in Pharmaceutical Sciences | 2019

66. **An overview on the prospective CDKs inhibitors as anti-cancer drugs: Review article**
Journal of American Science | 2017

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