

Academic Curriculum Vitae



Personal Information:

Full Name: **Mohammed Kareem Samad**

Academic Title: **Assist professor**

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Mobile: **07504042363**



Education:

- BSc degree in Chemistry- 2006 in Salahadin University-Erbil, Kurdistan, Iraq.
- MSc - Organic Chemistry – 2011 in Salahadin University-Erbil, Kurdistan, Iraq.
- Ph.D. - Organic Chemistry - 2020 in Salahadin University-Erbil, Kurdistan, Iraq

Employment:

Asst. Chemist 26-2-2007 No:2/2/2715

- M.Sc 6-4-2011 No: 320
- Ph.D 19-5-2020 –continues No: 3/1/4149

Qualifications

- Teaching Methods Course 6 weeks (March- April) 2011
- Chemical Separations and Advanced Chromatographic Techniques In GC & HPLC Applications. University Of Dohuk, College Of Education, Chemistry Department Dohuk, April 12-17, 2008.
- English language center, Salahadin University-Erbil, levels of (pre-Intermediate, Intermediate, and advance) march- august 2019
- Scientific software including, IR software and chemoffice.
- Extensive experience of Microsoft Office

Teaching experience:

- Organic Chemistry 1st Theory+ Practical
- Organic Chemistry 2nd Theory+ Practical

- Organic Chemistry 3rd Theory+ Practical
- Organic Identification 4th Practical
- Natural products 4th theory
- State all teaching courses you delivered, stating undergraduate or post graduate
- Courses, trainings, lab supervision, etc.,

Research and publications

- Farouq E. Hawaiz and Mohammed K. Samad (2012) "Synthesis and Spectroscopic Characterization of Some New Biological Active Azo–Pyrazoline Derivatives" E-Journal of Chemistry, 2012, 9(3), 1613-1622.
- Farouq E. Hawaiz, Mohammed K. Samad and Pishtiwan A.Hamad (2014) " Synthesis and Antibacterial Evaluation of Some New Pyrazoline Compounds Derived From p-Aminoacetophenone" Zanco Journal of Pure and Applied Sciences Vol.26, No.1, 2014
- Farouq E. Hawaiz , Awaz J. Hussein and Mohammed K. Samad (2014) "One-Pot Three Component Synthesis of Some New Azo- Pyrazoline Derivatives" European Journal of Chemistry 5 (2) (2014) 233-236.
- Kamaran Basheer , Mohammad K. Samad and Wishyer Ali (2014) "Spectroscopic Studies of 3-(4-chlorophenylazo)- 4- hydroxylacetophenone and Some of it's Metal Complexes" Wasit Journal for Science & Medicine, 2014 7(2): (82-92)
- Mohammed K. Samad, Lana H. Chawishli, Awaz J. Hussein (2015) " Synthesis and Spectroscopic Characterization of Some Diazodibenzoyloxy Pyrazolines from Some Diazodibenzoyloxy Chalcones" Zanco Journal of Pure and Applied Sciences Vol.27, No.2, 2015.
- Farouq E. Hawaiz, Mohammed K. Samad and Marlin Y. Aziz (2015) "Synthesis of Some New Heterocyclic Compounds Derived From 4-(4-Hydroxy-3-chlorophenyl)azoacetophenone" Journal of Zankoi Sulaimani-(Part-A), (2015) 17-2.
- Farouq E. Hawaiz, Darya J. Raheem and Mohammed K. Samad (2016) "Synthesis and Characterization of Some New Azo-imine Dyes and their Applications" Journal of Zankoi Sulaimani-(Part-A), (2016) 13-3.
- Diler D.Kurda, Darya J. Raheem, Mohammed K. Samad (2016) "Synthesis, Characterization and dying performance studies of some azo dyes derived from m-phenylenediamine" Zanco Journal of Pure and Applied Sciences Vol.28, No.6, 2016.
- Farouq E Hawaiz , Lana H Chawishli, Mohammed K Samad and Shaaban K Mohamed (2017) "One Pot Synthesis and Characterization of Some New 1,3,5-Trisubstituted Pyrazoline Derivatives" Journal of Chemical and Pharmaceutical Research, 2017, 9(4):185-190
- Mohammed Kareem Samad and Farouq Emam Hawaiz (2019) "Synthesis, characterization, antioxidant power and acute toxicity of some new azo-benzamide and

azo-imidazolone derivatives with in vivo and in vitro antimicrobial evaluation”
Bioorganic Chemistry 85 (2019) 431–444.

- Mavise Yaman, Necmi Dege, Mzgin M. Ayoob, Awaz J. Hussein, Mohammed K. Samad and Igor O. Fritsky (2019) “Hirshfeld surface analysis and crystal structure of N-(2-methoxyphenyl)acetamide”, Acta Cryst. (2019). E75, 830–833
- Shaaban K. Mohamed, Awaz J. Hussein, Mzgin M. Ayoob, Farouq E. Hawaiz, Mohammed K. Samad, Faiq H. S.Hussain (2020) “Synthesis, Spectroscopic Investigation, Anti-Bacterial and Antioxidant Activities of Some New Azo-Benzofuran Derivatives”, Egyptian Journal of Chemistry Egypt.J.Chem. Vol. 63, No.7. pp. 2617 - 2629 (2020)
- Mzgin M. Ayoob, Awaz J. Hussein, Mohammed K. Samad, Necmi Dege, Farouq E. Hawaiz, Shaaban K. Mohamed and Faiq H.S. Hussain (2021) “Synthesis, Anti-Bacterial and Anti-Oxidant Activity of Azo- Oxazolone and Their Ring Opening Azo-Benzamide Derivatives”, current organic chemistry 2021, 18, 1-13.
- Rezan Huseen Hama Salih, Aso Hameed Hasan, Awaz Jamil Hussein, Mohammed Kareem Samad, Sonam Shakya, Joazaizulfazli Jamali, Farouq Emam Hawaiz, Mohammad Rizki Fadhil Pratama (2022) One-pot synthesis, molecular docking, ADMET, and DFT studies of novel pyrazolines as promising SARS-CoV-2 main protease inhibitors”, Research on Chemical Intermediates s (2022) 48:4729–4751.

Conferences and courses attended

- Synthesis and Spectroscopic Investigation of Some New Azo-Pyrazolines. 4th International Scientific Conference Of Salahaddin University- Erbil, October 18-20, 2011.
- Synthesis and characterization of Novel bisbenzamides and bisimidazolones with optical and biological studies, International Conference and Exhibition for Science (ICES2023), February 06-08, 2023 at King Saud University, Riyadh, Saudi Arabia.

Funding and academic awards

Professional memberships

- List any membership you hold of any professional body or learned society relevant to your research or other life activities.

Professional Social Network Accounts:

- Web of Science ResearcherID: AHA-8301-2022

- <https://www.webofscience.com/wos/author/record/AHA-8301-2022>
- Researchgate <https://www.researchgate.net/profile/Mohammed-Samad-2>
- <https://orcid.org/0000-0003-0725-4014>
- scopus author ID: 55179060500
- <https://www.scopus.com/authid/detail.uri?authorId=55179060500>
- google scholar
- <https://scholar.google.com/citations?user=BVYt8Y4AAAAJ&hl=en>
- academia
- <https://independent.academia.edu/Mohammedkareemsamad>
- <https://www.facebook.com/muhamad.kareem.75>
- <https://twitter.com/Mohammed1kareem>.