

السيرة الذاتية



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الوظيفة: تدريسي في قسم الكيمياء/كلية العلوم/الجامعة المستنصرية

الأختصاص : كيمياء عضوية/نواتج طبيعية

المواليد: بغداد - 1978

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التحصيل العلمي:

- 1- بكالوريوس علوم في الكيمياء /قسم الكيمياء/كلية العلوم/الجامعة المستنصرية – 2001
- 2- ماجستير علوم في الكيمياء العضوية /قسم الكيمياء/كلية العلوم/الجامعة المستنصرية – 2003
- 3- دكتوراه علوم في الكيمياء العضوية /قسم الكيمياء/كلية العلوم/جامعة شفيلد/المملكة المتحدة – 2018

امثلة لبعض البحوث المنشورة:

- Muhannad A. E. AL-Saaedy and Redha H. I. AL-Bayati, Synthesis and characterization of some new derivatives of 2-mercapto benzothiazole and evaluation their biological activity, National J.Chem.,2006,V.23,PP.390-404.
- Muhannad A. E. AL-Saaedy, Synthesis of new derivatives of 2-thio [5'-mercapto1',3',4'-oxadiazole-2'-methyl] benzothiazole , J. College of Education,2011,No.3,V.2,PP.60-79.
- Redha H. I. AL-Bayati ,Muhannad A. E. AL-Saaedy , Emad M. E. Al-mayaa and Hiba A.M.AL-Nayar , 2- Preparation and Characterization of Some New 1-Nitroso-2-Naphthol Derivatives, J.College of Science, 2011,No.5, V.22,PP.82-91.
- Muhannad A. E. Al-Saedy, Joseph P. A. Harrity, Synthesis and Stabilities of 3-Borylated Indoles, *Synlett* **2016**; 27, 1674.
- Al-Saedy, M. A. E.; Nassoy, A.-C. M. A.; Harrity, J. P. A., Accounting for Different Reactivities of Sulfinate and Thiosulfate Salts in Regioselective Azetidene Coupling via C–H Sulfenylation of Indoles, *Synlett* **2018**, 29, 349.
- Muhannad A. E. Al-Saedy, Wafaa Mahdi Alkoofee , Ala'a A. Sultan , Wessal M. Khamis and Sinan Medha, Synthesis of nanocomposite based on poly methylene-imidazole as effective catalyst in oxidation of some hydrocarbons, International Journal of Engineering & Technology, 7 (4.37) (2018) 127-131
- Muhannad A E Al-Saedy, AlAmeen B. Omer Ali, Rulla Sabah, Wejdan Mahmood Hamed, Kafi M. Dawood, Preparation method of Silver Nano particles, Journal of Advanced Sciences and Engineering Technologies Vol.3 No 2 (2020) 1-8.

- Muhannad A. E. Al-Saedy and Joseph P. A. Harrity, A Practical and Versatile Method for the C–H Sulfenylation of Imidazo[1,2-a]pyridines, *Synlett* **2020**; 31(12): 1182-1184.
- Ali Al-Shathr, Bashir Y. Al-Zaidi, Safa Aal-Kaeb, Zaidoon M. Shakor, Hasan Sh. Majdi, May A. Alsaffar, Muhannad A.E. Al-Saedy, Ahmed Majeed Jassem, Ramzy S. Hamied, Firas K. Al-Zuhairi, Adnan A. AbdulRazak, Talib M. Albayati, James McGregor, Investigation of toluene alkylation with hept-1-ene over fresh and modified h-beta catalysts according to apparent activation energy values, *South African Journal of Chemical Engineering*, Volume 54, 2025, Pages 114-132.

C.V



General Informations

Full Name : Muhannad Abdul-Redha Al-Saedy

Position: * Lecturer/Chemistry Dept./College of Science/Al-Mustansiriyah University.
* Associate member of Royal Chemical Society.

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Date and Place of Birth : 3ed May 1978 – Iraq/Baghdad

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Education

- 1- **PhD in Synthetic Organic Chemistry/Natural Product.** University of Sheffield, UK, October 2014 - October 2018. Thesis title: “Novel Synthesis and Functionalisation of Indoles: Application to The First Synthesis of Natural Product Echin sulfone A Methyl Carbamate.”
- 2- **M.Sc. in Organic Chemistry,** Ranged 1st with Honours, University of Al-Mustansiriyah, Iraq, 2001 –2003. Thesis title: “Synthesis and characterization of some new derivatives of 2-mercapto benzothiazole and evaluation their biological activity”.
- 3- **B.Sc. in Chemistry,** Ranged 1st with Honours, University of Al-Mustansiriyah, Iraq, 1997 – 2000.

Research Experience

PhD in Organic Chemistry

Harrity Group

University of Sheffield, UK
2014 – 2018

- Development of synthesis and stability of 3-borylated indoles.
- Design of new sulphur-based electrophile for direct C-H sulfenylation.
- Application of novel methodology towards natural product synthesis
- Conception of synthetic routes towards functionalised heterocycles.
- Assist in lab' management and maintenance
- Oversee ordering of all consumables and equipments
- Total Synthesis
- Borylative Cyclisation
- Indole, palladium and boron chemistry.

MChem

AL-Bayati Group

University of Al-Mustansiriyah,
Baghdad/Iraq
2001 – 2003

- Synthesis and characterization of some new derivatives of
- 2-mercapto benzothiazole and evaluation their biological
- activity Synthesis of novel 1,3-dicarbonyl compounds.
- Synthesis of new derivatives of 2-thio [5'-mercapto-1',3',4'-oxadiazole-2'-methyl] benzothiazole.
- Preparation and Characterization of Some New 1-Nitroso-2-Naphthol Derivatives

Selected Publications

- Muhannad A. E. AL-Saaedy and Redha H. I. AL-Bayati, Synthesis and characterization of some new derivatives of 2-mercapto benzothiazole and evaluation their biological activity, National J.Chem.,2006,V.23,PP.390-404.
- Muhannad A. E. AL-Saaedy, Synthesis of new derivatives of 2-thio [5'-mercapto1',3',4'-oxadiazole-2'-methyl] benzothiazole , J. College of Education,2011,No.3,V.2,PP.60-79.
- Redha H. I. AL-Bayati ,Muhannad A. E. AL-Saaedy , Emad M. E. Al-mayaa and Hiba A.M.Al-Nayar , 2- Preparation and Characterization of Some New 1-Nitroso-2-Naphthol Derivatives, J.College of Science, 2011,No.5,V.22,PP.82-91.

- Muhannad A. E. Al-Saedy, Joseph P. A. Harrity, Synthesis and Stabilities of 3-Borylated Indoles, *Synlett* **2016**; 27, 1674.
- Al-Saedy, M. A. E.; Nassoy, A.-C. M. A.; Harrity, J. P. A., Accounting for Different Reactivities of Sulfinate and Thiosulfate Salts in Regioselective Azetidine Coupling via C–H Sulfenylation of Indoles, *Synlett* **2018**, 29, 349.
- Muhannad A. E. Al-Saedy, Wafaa Mahdi Alkoofee , Ala`a A. Sultan , Wessal M. Khamis and Sinan Medha, Synthesis of nanocomposite based on poly methylene-imidazole as effective catalyst in oxidation of some hydrocarbons, *International Journal of Engineering & Technology*, 7 (4.37) (**2018**) 127-131
- Muhannad A E Al-Saedy, AlAmeen B. Omer Ali, Rulla Sabah, Wejdan Mahmood Hamed, Kafi M. Dawood, Preparation method of Silver Nano particles, *Journal of Advanced Sciences and Engineering Technologies* Vol.3 No 2 (**2020**) 1-8.
- Muhannad A. E. Al-Saedy and Joseph P. A. Harrity, A Practical and Versatile Method for the C–H Sulfenylation of Imidazo[1,2-a]pyridines, *Synlett* **2020**; 31(12): 1182-1184.
- Ali Al-Shathr, Bashir Y. Al-Zaidi, Safa Aal-Kaeb, Zaidoon M. Shakor, Hasan Sh. Majdi, May A. Alsaffar, Muhannad A.E. Al-Saedy, Ahmed Majeed Jassem, Ramzy S. Hamied, Firas K. Al-Zuhairi, Adnan A. AbdulRazak, Talib M. Albayati, James McGregor, Investigation of toluene alkylation with hept-1-ene over fresh and modified h-beta catalysts according to apparent activation energy values, *South African Journal of Chemical Engineering*, Volume 54, 2025, Pages 114-132.