

الاسم: سيف الدين موفق عبد الهادي البياتي

تاريخ التولد: 1980 \10\28

البريد الالكتروني: dr.saifaldeen@kus.edu.iq

الجنسية: عراقي

رقم الموبايل: 009647702777191

الدراسة

دكتوراة في علوم الكيمياء / جامعة Glasgow في المملكة المتحدة 2017\8\28

ماجستير في علوم الكيمياء / جامعة النهرين في العراق 2004\12\15

بكلوريوس في علوم الكيمياء / جامعة النهرين في العراق 2001\ 7\1

الخبرة الوظيفية

2009-2006 مدرس مساعد في قسم الكيمياء \كلية العلوم\ جامعة الكوفة

2013-2009 مدرس في قسم الكيمياء \كلية العلوم\ جامعة الكوفة.

2016 محاضر في مختبرات جامعة Glasgow في المملكة المتحدة

2018 مسؤول شعبة الدراسات و التخطيط في كلية العلوم \ جامعة الكوفة

2019 حتى الوقت الحاضر/ تدريسي في جامعة الكرخ للعلوم.

2021 مسؤول وحدة جودة المختبرات في كلية التحسس النائي و الجيوفيزياء/ جامعة الكرخ للعلوم

2022 مسؤول شعبة التسجيل في كلية التحسس النائي و الجيوفيزياء/ جامعة الكرخ للعلوم

2024 مدير قسم التسجيل و شؤون الطلبة / جامعة الكرخ للعلوم

(رئيسا و عضوا في العديد من اللجان الوزارية و الجامعية)

الاهتمامات في مجال الكيمياء

1-الخلايا الشمسية (الجيل الثالث)

2- البوليمرات الموصلة

3- تحضير المركبات العضوية

المهارات

1- كتابة البحوث العلمية.

2- تقييم العديد من البحوث العلمية للعديد من المجالات البحثية و المؤتمرات العلمية

3- اتقان العديد من البرامج الحاسوبية مثل

Standard office software, Photoshop, End-note, Material studios, Graphic, Origin,

Unix, Spartan, Chem Draw, IT internet (web of science, science finder, Make Web).

4- اللغات: العربية و الانكليزية.

المؤتمرات و الندوات و السمنارات

- November 15th, 2013 – Attendance at Half-day Organic symposium, Carnegie Lecture Theatre, University of Glasgow
- December 18th, 2013 – Attendance the Scottish Regional Meeting of the Organic Chemistry Division of the Royal Society of Chemistry. Heriot-Watt University.
- February 18th, 2014 – Presentation about the organic Colloquium, Physical Lecture Theatre, University of Glasgow
- March 18th, 2014 – Organic seminar, Physical Lecture Theatre, University of Glasgow.
- 14th May, 2014 – Attendance the Seminar of Engineering Nanoparticles for Sensing, Delivery and Theurapic Applications, Carnegie Lecture Theatre, University of Glasgow.
- 20th November, 2014 – Attendance Symposium of Chemistry at Glasgow: Past, Present and Future, Room 222, Lord Kelvin Building, Gilmorehill Campus, University of Glasgow.
- 13th February, 2015 – Presentation at Inorganic Colloquium, Physical Lecture Theatre, University of Glasgow.
- 27th -29th October 2015 – Poster presentation in the 2nd Asian-European Symposium on Organic Optoelectronics, Royal Society of Edinburgh, with title “Synthesis and properties of metalloporphyrins for Bulk Heterojunction Solar Cells”.
- 28th January, 2016 – Presentation about the Inorganic Colloquium, Physical Lecture Theatre, University of Glasgow.
- 13th June 2016 – Attendance the Symposium “One-day Symposium on Nanoscience and Materials Chemistry”, Yudowitz room, Wolfson Medical School, University of Glasgow.
- 11th November, 2016 – Presentation about the Inorganic Colloquium, Physical Lecture Theatre, University of Glasgow.
- 13th – 14th November, 2017–The third symposium of postgraduate student in chemistry department, Univirsity of Kufa.
- 6th – 7th December, 2017– 2nd International forensic science and forensic medicine conference in Al-Nahrain University.

- 1- [Metals doped TiO₂ nanoparticle as an efficient photoelectrode in dye-sensitized solar cells: A review](#)
Al-Baitai, M Mahmood, SF Abdulhussein, SM Abdalhadi, Nanochemistry Research, 2024, 9 (3), 207-215
- 2- [Synthesis and characterization of ZnO tetrapod-like nanorods without catalyst by wet thermal evaporation and applied on dye-sensitized solar cells](#)
HI Abdulgafour, SM Abdalhadi, MH Mahmood, International Journal of Modern Physics B, 2024, 2550060
- 3- [Polycystic Ovary Syndrome: pathogenesis, management, and treatment with metals and organic compounds](#)
A Al-Kareem, T Ahmed, SA Hassan, SM Abdalhadi Cellular, Molecular and Biomedical Reports, 2024, 4 (1), 54-64
- 4- [TD-DFT-guided development of a robust hole-transporting layer for optimized triple-cation perovskite solar cell performance](#)
SM Abdalhadi, MKA Mohammed, AY Al-Baitai, ZM Yaseen, New Journal of Chemistry, 2024, 48 (44), 18728-18738
- 5- [Investigating the Effects of Fluorine Substituents on Organic Dyes in Dye-Sensitized Solar Cells](#)
S Abdalhadi, N Mohammed, K Ali, H Al-Zubaidi, Journal of the Turkish Chemical Society Section A: Chemistry, 2024, 11 (1), 1-10
- 6- [Designing a Novel Hole-Transporting Layer for FAPbI₃-Based Perovskite Solar Cells](#)
MKA Mohammed, SM Abdalhadi, A Kumar, OP Doshi, AK Al-Mousoi, Energy & Fuels, 2023, 37 (24), 19870-19881
- 7- [Breast Cancer: Symptoms, Causes, and Treatment by Metal Complexes: A Review](#)
TAA Alkareem, SA Hassan, SM Abdalhadi Advanced Journal of Chemistry-Section B Natural Products and Medical , 2024, 5(4) 306-319
- 8- [Two multifunctional benzoquinone derivatives as small molecule organic semiconductors for bulk heterojunction and perovskite solar cells](#)
N Mohammed, SJ Shakkor, SM Abdalhadi, YK Al-Bayati Main Group Chemistry, 2022, 21 (4), 943-952
- 9- [Synthesis of new imidazole derivative dyes and application in dye sensitized solar cells supported by DFT](#)
SF Abdulhussein, SM Abdalhadi, HD Hanoon Egyptian Journal of Chemistry, 2022, 65 (9), 211-217
- 10- [Investigation of the \$\pi\$ -bridge role for imidazole derivative dyes in dye sensitized solar cell: theoretical study](#)
HDH Saifaldeen Fahim Abdulhusseina, Saifaldeen Muwafag Abdalhadi Eurasian Chemical Communications, 2022, 4, 598-606

- 11- [Investigation study of removing methyl violet dye from aqueous solutions using corn-cob as a source of activated carbon](#)
AM Aljeboree, AY Al-Baitai, SM Abdalhadi, AF Alkaim, Egyptian Journal of Chemistry, 2021, 64 (6), 2873-2878
- 12- [Performance of Schiff bases metal complexes and their ligand in biological activity: A review](#)
FM Ibrahim, SM Abdalhadi. Al-Nahrain Journal of Science, 2021, 24 (1), 1-10
- 13- [Synthesis and characterization of 2, 3-diaminomaleonitrile derivatives by one-pot schiff base reaction and their application in dye synthesized Solar cells](#)
SM Abdalhadi, AY Al-Baitai, HA Al-Zubaidi, Indonesian Journal of Chemistry, 2020, 21 (2), 443-451
- 14- [Modelling technique trend \(interatomic potential\) to study the mineral surfaces: A Review](#)
AY Al-Baitai, SM Abdalhadi Samarra Journal of Pure and Applied Science, 2020, 2 (3), 28-35
- 15- [The effect of temperature and storage time on the concentration of vitamin D in human serum](#)
AY Al-Baitai, SM Abdalhadi, SA Ibrahim, AA Ali, GH Alzamily, Systematic Reviews in Pharmacy, 2020, 11 (4), 695-700
- 16- [An investigation of the roles furan versus thiophene \$\pi\$ -bridges play in donor- \$\pi\$ acceptor porphyrin based DSSCs](#)
M Cariello, SM Abdalhadi, P Yadav, JD Decoppet, SM Zakeeruddin, Dalton Transactions, 2018, 47 (18), 6549-6556
- 17- [Convenient synthesis of EDOT-based dyes by CH-activation and their application as dyes in dye-sensitized solar cells](#)
SM Abdalhadi, A Connell, X Zhang, AA Wiles, ML Davies, PJ Holliman, Journal of Materials Chemistry A, 2016, 4 (40), 15655-15661

الدورات

ت	الدورة	الموقع	التاريخ
1	Agresso Web Requisitioning Training	Glasgow university	2013\10\25
2	Presenting research	Glasgow university	2013\6\11
3	Presenting with Impact (RSDD 6002)	Glasgow university	2014\6\17
4	Starting Your Research (RSDA 6071)	Glasgow university	2014\10\17
5	Argumentation and Structuring (RSDA 6072P)	Glasgow university	2014\10\23
6	Ethics (RSDC 6009)	Glasgow university	2015\4\20
7	Research Integrity (RSDC 6023)	Glasgow university	2015\3\15
8	Present Science Vis. (RSDD 6038)	Glasgow university	2015\5\15

9	Probability and Statistics (RSDA 6058)	Glasgow university	2015\5\22-18
10	Glasgow GRAD school (RSDB 6005)	Glasgow university	2015\6\18-16
11	Literature critique/ review SCI (RSDA 6083)	Glasgow university	2015\10\2
12	Structuring a Dissertation SCI (RSDA 6058)	Glasgow university	2015\10\9
13	Effective writing 1 SCI (RSDA 6086)	Glasgow university	2015\10\16
14	Glassblowing Course	Glasgow university	2015\7\31-30

و هناك العديد من الدورات المتخصصة في برامج الحاسوب و التعليم الالكتروني و في استخدام بعض الاجهزة الكيميائية و منها

- 1- دورة في جامعة Imperial College London في استخدام البرامج الحاسوبية الكيميائية
- 2- دورة من منظمة IREX الامريكية بالتعاون مع وزارة التعليم العالي و البحث العلمي في التعليم الالكتروني
- 3- دوره في تقييم البحوث العلمية من موقع Publons academy التابع لشركة clarivate الامريكية