السيرة الذاتية

تاريخ اخر تحديث: 2027.01.01



المعلومات الشخصية

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الاختصاص العام: التقانات الاحيائية
الاختصاص الدقيق: التقانات الاحيائية النانوية
الجنسية: عراقي
الولادة: بغداد 1985

الموقع الخاص على منصة **Research gate**:
https://www.researchgate.net/profile/Sharafaldin_Al-Musawi2
الموقع الخاص على منصة **Google Scholar**:
https://scholar.google.com/citations?user=sgrAHJYAAAAJ&hl=en
الموقع الخاص على منصة **Scopus**:
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الشهادات الدراسية

الشهادة	الاختصاص	سنوات الدراسة	جامعات التخرج
دكتوراه	التقانات الاحيائية النانوية	2010-2014	جامعة تربيت مدرس (طهران-ايران)
ماجستير	التقانات الاحيائية	2007-2010	جامعة امام خميني الدولية (قزوين-ايران)
بكلوريوس	الهندسة الزراعية	2002-2006	جامعة شاهد (طهران-ايران)

❖ بعض من الشهادات التقديرية و النشاطات العلمية و الادارية:

• التدريسي و الباحث المتميز لأعوام 2017 ،2018، 2019،2020، 2021 ،2022 و 2023و 2024 ، 2025 و 2026
• ادراج ضمن قائمة العلماء و الباحثين المتفوقين عالميا حسب تصنيف **Ad Scientific index**
• تشخيص و تسجيل شكل إسوي من جين ثايوريدوكسين الوراثي في مركز الوطني الأمريكي للتقانات الاحيائية و المعلومات http://www.ncbi.nlm.nih.gov/nuccore/HM622264.1
• تشخيص و تسجيل شكل إسوي من جين بكتيت لياز الوراثي في مركز الوطني الأمريكي للتقانات الاحيائية و المعلومات http://www.ncbi.nlm.nih.gov/nuccore/HQ333522.1
• تقييم اكثر من 700 بحث علمي عالمي في مجلات و مستوعبات عالمية رصينة مسجلة ضمن تصنيف **Web of Sciences**
• المتحدث الرئيسي (Key note Speaker) في عدة مؤتمرات دولية
• اشراف على عدة رسائل ماجستير و أطاريح دكتوراه و في عدة جامعات داخل و خارج العراق.
• مشاركة في عدة لجان مناقشة طلاب ماجستير و دكتوراه في مختلف الجامعات

❖ **المؤشر العلمي (H-Index) في مستوعبات غوغل اسكولار، سكوبس، ريسرج كيت و بابلونس:**

Research gate H-Index: 32
Google Scholar H-Index: 31
Scopus H-Index: 30
Publons H-Index: 22

❖ المناصب و المسئوليات الادارية:

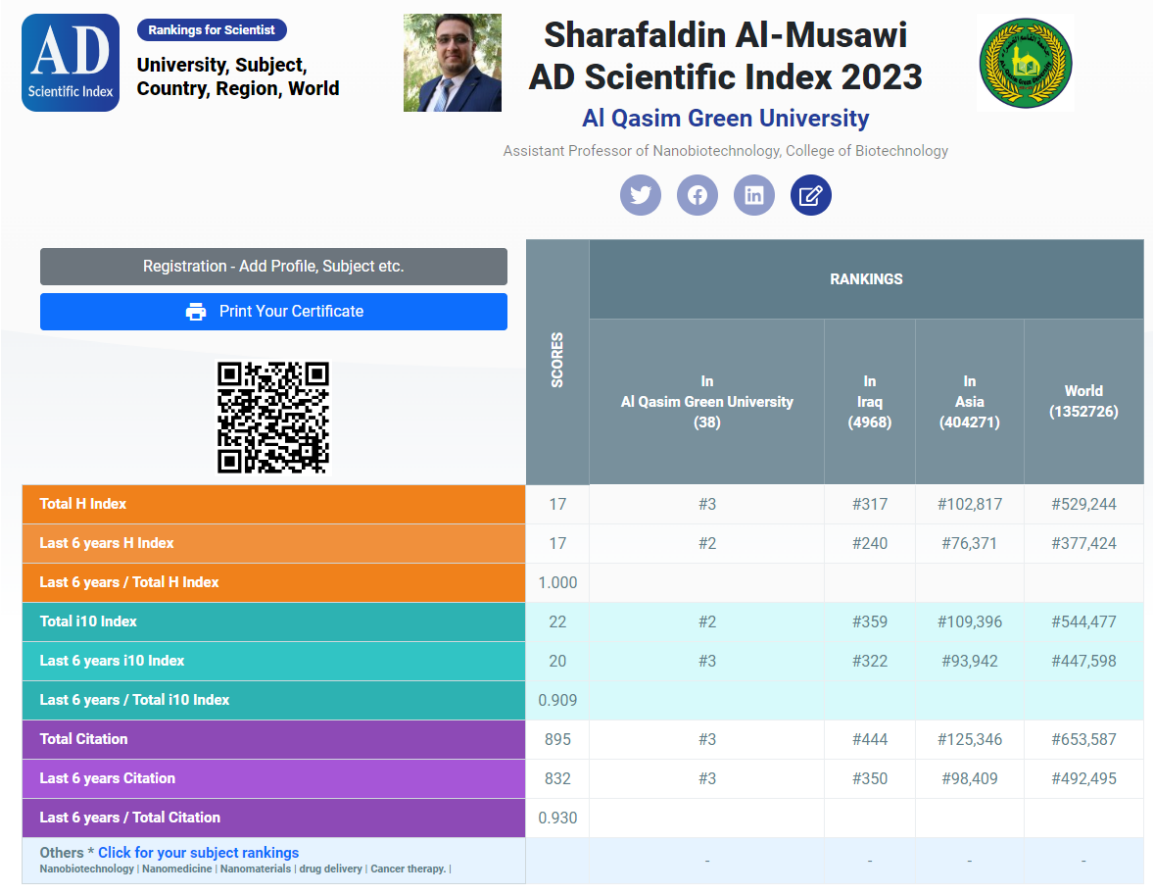
- **مقرر قسم في كلية التقانات الاحيائية**
- **مدير الشئون العلمية و العلاقات الثقافية**
- **مدير ضمان الجودة و الأداء الأكاديمي**

الدروس التي قام بتدريسها:

- نانوبايوتكنولوجي
- اساسيات البايوتكنولوجي
- بايوتكنولوجي الصيدلانية
- المتحسسات و الرقائق الحيوية
- الخلايا الجذعية
- تصميم أدوية
- كيمياء حياتية
- كيمياء عضوية
- زراعة أنسجة حيوانية

❖ السلامة و المخاطر البايولوجية

الحصول على تصنيف العلماء المتفوقين ضمن تصنيف Ad Scientific index العالمي



AD Scientific Index

Rankings for Scientist

University, Subject, Country, Region, World

Sharafaldin Al-Musawi
AD Scientific Index 2023
Al Qasim Green University
Assistant Professor of Nanobiotechnology, College of Biotechnology

Registration - Add Profile, Subject etc.

Print Your Certificate

	SCORES	RANKINGS			
		In Al Qasim Green University (38)	In Iraq (4968)	In Asia (404271)	World (1352726)
Total H Index	17	#3	#317	#102,817	#529,244
Last 6 years H Index	17	#2	#240	#76,371	#377,424
Last 6 years / Total H Index	1.000				
Total i10 Index	22	#2	#359	#109,396	#544,477
Last 6 years i10 Index	20	#3	#322	#93,942	#447,598
Last 6 years / Total i10 Index	0.909				
Total Citation	895	#3	#444	#125,346	#653,587
Last 6 years Citation	832	#3	#350	#98,409	#492,495
Last 6 years / Total Citation	0.930				
Others * Click for your subject rankings Nanobiotechnology | Nanomedicine | Nanomaterials | drug delivery | Cancer therapy. |		-	-	-	-

https://www.adscientificindex.com/scientist/sharafaldin-al-musawi/4535170

تقييم اكثر من 700 بحث وكتاب علمي عالمي و اكثر من 50 بحث محلي

- **الحصول على اكثر من 100 كتاب شكر و تقدير من رؤساء الوزراء و وزراء التعليم العالي و البحث العلمي و التخطيط و رؤساء الجامعات و عمداء الكليات و رؤساء الهيئات و المراكز العلمية**

- الاشراف على عدة رسائل ماجستير و أطاريح دكتوراه و في عدة جامعات داخل و خارج العراق.

No.	عناوين الرسائل و الأطاريح	الأقسام	الأعوام
1	Synthesis of Biopolymer with Nanoparticles by Laser Ablation as Controlled Drug Release	Applied Sciences	2017-2020
2	Superparamagnetic iron oxide nanoparticle synthesis using pulsed laser ablation in liquid method for biomedical applications.	Applied Sciences	2020-2022
3	In vitro study of antibacterial activity of Honey/chitosan Nanofibrous membrane enriched with Al2O3 nanoparticles and clove extract for wound healing process.	Medical Biotechnology	2020-2022
4	Development of Intelligence Iron Oxide - Polymeric Nano-Carrier by Laser Ablation and Functionalized as Targeted Paclitaxel Drug Delivery	Applied Sciences	2020-2023
5	Laser synthesis and Nanoformulation of Metals Oxide/Nature Materials as Biomedical Application.	Applied Sciences	2022-2024
6	Green Synthesis of Nanoparticles and Nanocomposite Using the Hybrid Methods for Antimicrobial Activity	physics	2022-2026
7	Fe3O4@Au Core-Shell Nanoparticle Synthesis by Pulsed Laser Ablation in Liquid and its functionalization for Targeted Drug Delivery in Cancer Therapy.	physics	2022-2025
8	preparation and characterization of nanoparticles loaded with date seed powder and study of their physicochemical and sensory effects on the properties of yogurt.	Dairy	2023-2025
9	Folate Functionalized Fe3O4-Polymeric Nano-Carrier as Targeted Etoposide Drug Delivery for Lung Cancer Therapy	Biotechnology	2024-2025
10	Production and characterization of whey protein nanoparticles loaded with Moringa leaf extract and coated with folic acid and study their effect on yoghurt properties.	Dairy	2024-2026
11	The Effect of Adding Whey-Coated Nanoencapsulated Orange Peel on the Sensory, Rheological, Physicochemical Properties, and Antioxidant Activity of yogurt	Dairy	2026-continue

البحوث المنشورة فى المجلات العلمية العالمية (75 بحث علمى)

Research published in international scientific journals
1. Hamidreza Kheiri Manjili, Hossein Naderi-Manesh, Maedeh Mashhadikhan, Leila Ma'mani, Safoora Nikzad, Sharafaldin Al-Musawi. "The effect of iron-gold core shell magnetic nanoparticles on the sensitization of breast cancer cells to irradiation". J Paramed Sci 2014, 5, 85-90.
2. Ma'mani L, Nikzad S, Kheiri-Manjili H, Al-Musawi S, Saeedi M, Askarlou S, Foroumadi A, Shafiee A. Curcumin-loaded guanidine functionalized PEGylated I3ad mesoporous silica nanoparticles KIT-6: Practical strategy for the breast cancer therapy. Eur J Med Chem. 2014; 18; 83:646-54. https://doi.org/10.1016/j.ejmech.2014-06-069.
3. Mirza Ali Mofazzal Jahromi, Sharafaldin Al-Musawi, Majid Pirestani, Mahdi Fasihi, Ramandi, Kazem Ahmadi, Hajar Rajayi, Zuhair Mohammad Hassan, Mahdi Kamali, Reza Mirnejad. "Curcumin-loaded Chitosan Tripolyphosphate Nanoparticles as a safe, natural and effective antibiotic inhibits the infection of Staphylococcus aureus and Pseudomonas aeruginosa in vivo. Iran J Biotech 2014, 12(3) 1-8.
4. Sharafaldin Al-Musawi, Hosein Naderi-Manesh, Zuhair Mohammad Hassan, Hamid Yeganeh, Safura Nikzad, Hamidreza Kheiri Manjili. "Construction of Polyurethane Polymeric-based Nano-carriers for Curcumin in Cancer Therapy" Mod. J. Med. Sci: Pathobiology, 2014, 17, 25-39.
5. Mofazzal Jahromi MA, Rajayi H, Al-Musawi Sh, Pirestani M, Fasihi Ramandi M, Ahmadi K, Sharifzadeh Peivasti V, Mohammad Hassan Z, Kamali M, Mirnejad R. "Evaluation of Antibacterial Effect of Curcumin Loaded Chitosan Nanoparticles" Journal of Fasa Univ of Med Sci: 2015, 5, 1, 134-141.
6. Al-Kinani, M.A., Haider, A.J. & Al-Musawi, S. Design, Construction and Characterization of Intelligence Polymer Coated Core-Shell Nanocarrier for Curcumin Drug Encapsulation and Delivery in Lung Cancer Therapy Purposes. J Inorg Organomet Polym 31, 70–79 (2021). doi: 10.1007/s10904-020-01672-w.
7. Sharafaldin Al-Musawi, Rahim Haddad., Qasem-ali Garoosi. A., Ramin Hosseini. "Cloning and structural Analysis of a Thioredoxin h (VvTrxh10) Gene from Yaquti Grape". Mod Genetic 2010. 1, 45-59.
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9. Sharafaldin Al-Musawi. Folated-nanocarrier for curcumin drug delivery in breast cancer therapy. Eng. & Tech. Journal, Vol.33, No.9, 2015.
10. Kadhum SA, Hindi NKK, Al-Musawi S, Alkaim AF. Evaluation of Antimicrobial Activity of the Aquatic Extract against Bacterial isolates from URTI in Babylon Province, Iraq. J Global Pharma Tech. 2017; 12(9):296-301.
11. Al-Musawi S, Kadhim MJ, Hindi NKK. Folated-nanocarrier for paclitaxel drug delivery in leukemia cancer therapy. 2018; J Pharm Sc. J Pharm Sci & Res. 2018; 10(4): 749-754.

12. Abdul-Husin IF, Sharafaldin Al-Musawi S, A. Hindi NKK. Abudl-Mahdi S. Aqueous lemon extracts as antimicrobial agent against some pathogenic bacteria. Plant Archives. 2018; 18(1): 431-434.

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15. Iman F Abdul-Husin, Sharafaldin Al-Musawi, Nada Khazal Kadhim Hindi, Samah Ahmed Kadhum, Ayad F Alkaim, Fatima Malik Abood, Huda H. Al-Hasnawy, Mays Hadi Jebur, Hiba Jassim Hamza, Ameera Jasim Al-Aaraji. Evaluation of disincentive effects of 70% isopropyl alcohol and 10% povidone -iodine safety antimicrobial agents of skin. *J Global Pharma Tech.2020.*

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46. Hussein F Alnasraui, A. , Joe, I.H. , Al-Musawi, S. Investigation of dextran-coated magnetic nanoparticles encapsulated by medication and modified with folate for targeted drug delivery: Invitro and docking studies Materials Chemistry and Physics, 2024, 32129446 ,1.

47. Abbas, S.F. , Haider, A.J. , Al-Musawi, S. , Selman, M.K. Impact of laser parameters on synthesis zinc oxide nanoparticles and evaluation of its antibacterial activity Optical and Quantum Electronics, 2024, 56(5), 901.

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49. Design and Synthesis of Whey Protein-Based Nanoformulation of Fe Ion and Data Extract-Loaded Agents and Functionalized with Folic Acid for Studying its Effect on Yogurt Properties Al-Suwidi, M.Q.J. , Al-Saadi, J.M.S. , Al-Musawi, S. Nano, 2024, 2450114.

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