

Personal data

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The name quadrilateral	Sadiq Hassan Yahya Khoreem
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Scientific websites

- ❖ <https://www.researchgate.net/profile/Sadiq-Khoreem-3>
- ❖ <https://www.scopus.com/authid/detail.uri?authorId=57571836200>
- ❖ <https://scholar.google.com/citations?user=BzPEXG8AAAAJ&hl=ar>
- ❖ <https://orcid.org/0000-0002-8234-6595>
- ❖ <https://www.adscientificindex.com/scientist/sadiq-khoreemsadiq-h-khoreem/4655568>
- ❖ <https://www.webofscience.com/wos/author/record/AEG-1194-2022>

Qualifications

Certificate	Specialization	Donor	Date
Ph.D.	Materials science	Sanaa University	2023
Masters	Materials science	Sanaa University	2018
University degree	Physics Science	Sanaa University	2010
	Physics-Education	Amran University	2008

Research administrative tasks

Function	Work place and address	Period
Deputy Editor-in-Chief of International Journal of Natural Sciences and Nanotechnology	Malaysian Institute of Science and Development	From 2022 ^{AD} until now
Deputy Editor-in-Chief SCIREA Journal of Materials.	New York, NY 10020 U.S.A.	From 2023 ^{AD} until now
Reviewers at Material Science & Engineering International Journal. eISSN: 2574-9927	Broadway Edmond Oklahoma, Budapest.	From 2024 ^{AD} until now

Published scientific research:

Name of researcher	Title of research	journal
Sadiq H. Khoreem*, A. H. AL-Hammadi	Improvement of Permittivity, Electric Modulus, and Permeability of Barium-Nanoparticles Ferrite with Nonmagnetic ions (Zn ⁺²). https://doi.org/10.33263/BRIAC141.021	Biointerface Research in Applied Chemistry.
Khoreem, S.H., AL-Hammadi, A.H. & Othman, A.A.M	Zn ²⁺ ion doping's impact on the vibration spectroscopic properties of higher absorption ions: application to the determination of optical constant properties: advancements in nanotechnology applications. https://doi.org/10.1007/s11082-023-06050-7	Optical and Quantum Electron 56, 466 (2024).
1-AL-Hammadi, A.H. 2- Khoreem , Sadiq H*	Investigations on Optical and Electrical Conductivity of Ba/Ni/Zn/Fe16O27 Ferrite Nanoparticles.2022, 13, 168. https://doi.org/10.33263/BRIAC132.168 .	Biointerface Research in Applied Chemistry.

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1-Khoreem , Sadiq. H* 2-AL-Hammadi, A.H.;	Effect of Nonmagnetic Doping on Dielectric Properties and Initial Permeability of Ba-Ni Ferrite Nanoparticles by Virtue of Zn ²⁺ Ions., Article ID 5586664, 10 pages. https://www.hindawi.com/journals/amse/2023/5586664/	Hindawi Advances in Materials Science and Engineering
1-Khoreem , Sadiq. H* 2-AL-Hammadi, A.H	Synthesis and Unveiling the Effect of Nonmagnetic Zn ²⁺ Ions on Enrichment of Structural Properties of Barium-Nickel Ferrites, Volume 13, Issue 5, 2023, 488, https://doi.org/10.33263/BRIAC135.488	Biointerface Research in Applied Chemistry.
1-AL-Hammadi, A.H. 2- Khoreem , Sadiq H*	Influence of Zn ²⁺ Doping on Dielectric Properties of Ba-Based Nanoferrites.2022. Volume 13, Issue 3, 2023, 256, https://doi.org/10.33263/BRIAC133.256	Biointerface Research in Applied Chemistry.
1-AL-Hammadi, A.H.;	Investigation of Zn Substituted Ba-W-type Base Ferrites for FT-IR Structural and Vibrational Studies.2023, Volume 12, Issue 4, 2023, 164, https://doi.org/10.33263/LIANBS124.164	Letters in Applied Nano Bio Science.
1-Khoreem , Sadiq. H. * 2-AL-Hammadi, A.H	Impact of Zinc Substitution on AC Conductivity Behaviors of Hexagonal Ba-Ni ferrite nanoparticle.2022. Volume 13, Issue 4, 2023, 364, https://doi.org/10.33263/BRIAC134.364	Biointerface Research in Applied Chemistry.
1-AL-Hammadi, A.H. 2-Azmi. A.M. Othman 3-Khoreem , Sadiq. H. *	Influence of Manganese Doping on Optical Properties of Barium Ferrites Nanoparticles.2022,13,369, https://doi.org/10.33263/BRIAC134.369	Biointerface Research in Applied Chemistry.
1-Khoreem , Sadiq. H. * 2-AL-Hammadi, A.H	Enhanced Dielectric Properties and Initial Permeability of Doped Ba–Ni Ferrite Nanoparticles by Virtue of Zn ²⁺ Role for Technological Applications. http://dx.doi.org/10.2139/ssrn.4502867	Heliyon
1-Khoreem , Sadiq. H. * 2-AL-Hammadi, A.H	Structural, Spectral and Electrical Properties of BaNi _{2-x} Zn _x Fe ₁₆ O ₂₇ Nanoparticles Ferrites. https://doi.org/10.59628/jast.v1i1.100	Sana'a University Journal of Applied Sciences and Technology
1-Khoreem , Sadiq. H. * 2-AL-Hammadi, A.H	FTIR-Spectra-Analysis-of-Zinc-Substituted-Barium-Nickel-Ferrite Volume 22 Issue 8 Compilation 1.0 https://journalspress.com/LJER_Volume22/	London Journal of Engineering Research
1-Khoreem , Sadiq. H. * 2-AL-Hammadi, A.H	Influence of Zn ²⁺ Ions Doping on the Antibacterial Activity of Barium-Nickel Ferrite Nanoparticles: https://doi.org/10.51610/rujms6.2.2022.141	Al-Razi University Journal of Medical Sciences
1-AL-Hammadi, A.H. 2-Azmi. A.M. Othman. * 3-Khoreem , Sadiq H. *	Fabrication and Study of the Effect of Mn-Substituted Ba-Zn Nanoferrites on the Enrichment of Structural Properties. https://doi.org/10.59628/jast.v1i2.281	Sana'a University Journal of Applied Sciences and Technology
1-Khoreem , Sadiq. H. * 2-AL-Hammadi, A.H	Effectiveness of non-magnetic ions Doping on optical energy, surface properties and antimicrobial activity of Ba-Based nanoferrites. https://doi.org/10.51610/rujms7.1.2023.151	Al-Razi University Journal of Medical Sciences
1-Khoreem , Sadiq. H* 2-A. M. Meftah*	The Study of Creep Properties of Sn-5wt%Sb Lead-Free Solders with Annealing Temperature.2019. 2(2): 1-6, 2019; Article no.JMSRR.42082,	Journal of Materials Science Research and Reviews
1-Khoreem , Sadiq. H. * 2-A. M. Meftah 3-Azmi. A.M. Othman	Effect of Deformation on the Mechanical Properties of Sn-5wt%Sb Alloy.2019. 2(4): 1-7, 2019; Article no.AJR2P.42127, http://doi:10.9734/AJR2P/2019/v2i430108	Asian Journal of Research and Reviews in Physics 2

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Participation in scientific conferences and forums :

Place and date of the Conference	Conference name	Post type
11 th & 12 th December 2023 India	Second International Conference on Recent Trends in Multidisciplinary Research 2.0	Attend and participate in a scientific poster - online
September 22, 2023 Jeju Island, Korea.	The 4th International Symposium on Nano Technology and Smart Materials for Environmental Applications (ISNSEA 2023)	Participate in a research paper
November 13-14, 2023 in Bangkok, Thailand.	The 4th World Conference on Advanced Materials, Nanoscience, and Nanotechnology	Participate in a research paper
Saturday, October 21, 2023, Prince Sultan University.	The Third International Conference on Educational Research (ERL2023) entitled: Sustainable Developments in Education and Research: Educational Innovations and Emerging Technologies	Attend and participate in a scientific poster - online
Period from 18 to 20 December 2022, Cairo, Egypt.	The Fourth Hybrid International Conference on Molecular Modeling and Spectroscopy	participate Attend and in a scientific poster - online
May 20-21, 2022. London, United Kingdom.	4th World Congress on Smart Material and Material Science	Participate in a research paper
For the period from 8-10/3/2022 AD. King Faisal University	Conference on radiation protection and the use of radiation and radioactive sources in hospitals.	Attend and participate - online
November 15, 2022 the Hashemite Kingdom of Jordan	The Eleventh International Scientific Forum for Scientific Research	Attend and participate - online
March 2020 AD.	Scientific Research Summit for Sustainable Development	Attend and participate - online
May 22-23, 2021, Amman University.	The First International Scientific Forum for Nanotechnology Applications	Attend and participate - online
October 10, 2021 AD, Libya	Virtual International Scientific Forum (Innovation in Scientific Research)	Participate in a research paper
2020 Amman Jordan	Scientific research in light of the Corona pandemic - reality and hopes	Attend and in a participate scientific poster - online
For the period 21-22 November 2021 AD, Malaysia	The Second International Scientific Conference (Multiple solutions, strategies and modern programs in the field of education and higher education	Attend and participate - online
Cambridge Institute of Technology North Campus, Bangalore, Karnataka, India on the 24th-25th January, 2020.	The "International Conference on Science, Engineering and Management (ICSEM-2020)	Attend and participate in a scientific poster - online

Membership in professional scientific bodies and societies

Name of the professional scientific	Place	Date
1. Member of the International Association of Scientific Researchers	The United Arab Emirates (20192103889)	12-11-2019.
2. Member of the Arab Physicists Association		2023

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3. Member of the Arad Academy and Scientific	Malaysia	2019
4. Member of the International Friendship	Kingdom of Sweden	2021
5. Member of the Arab Unity Academy for	Iraq	2020
6. Member of the Medical Physics Society	Bangladesh	2019
7. Member of the IFAD Academy for Scientific	Amman Jordan	2021

Professional licenses and linguistic

Types	Average	Donor	Date
Modern Secretarial Diploma	%87	American National Institute	2013
Professional computer license	%95	Computer Center - Sana'a University	2022
English proficiency	%85	Translation and Languages Center - Sana'a	2022
Proficiency in the Arabic	%90	College of Languages - Sana'a University	2022

Training courses and workshops

Date	Organizing	Course name
2023/10/23	Malaysian Institute of	❖ Basics of joint international scientific publishing
1445\04\09	King Faisal University	❖ The gap between academic research and industrial applications
23\04\1445 هـ	Taif University	Deposition of perovskite films over large areas and studying their degradation using electroluminescence
27\04\1445 هـ	Taif University.	❖ Manufacture of semiconductor nanomaterials for energy production purposes
2023- 10-28 م	University College in Tarbah, Taif University.	❖ Scientific ethics when conducting research in science laboratories
2023/8/28 م.	Malaysian Institute of	❖ The future of scientific research in light of artificial intelligence.
2023/8/19 م.	Malaysian Institute of	❖ Rules and mechanisms for managing international scientific research projects
18-17 م. 2023/8/19 م.	Malaysian Institute of	❖ Preparation course for deputy managing editors
2023/2/23-22 م.	IFAD Scientific Academy	❖ Criteria for arbitrating scientific research according to the systems and standards of scientific journals
2022 م	Al-Razi University	❖ A course in preparing a research paper
2022 م	Al-Razi University	❖ Modern teaching and evaluation strategies
July-2020 AD.	Bangladesh Medical Physics Society	❖ Recent trends in radiation oncology: Bangladeshi medical physics perspectives.
September 2020 AD	Bangladesh Medical Physics Society	❖ Beyond normal tissue complication models (DVH incorporating spatial radiation dose information) -
اغسطس 2020 م.	Bangladesh Medical Physics Society	❖ The specific radiation dose for the patient and the risks of the CT scan (Examination).
2020 م	IFAD Scientific	❖ Scientific research in the Arab world - reality and hopes

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٢٠٢٠	IFAD Scientific	❖ Distance education in light of the outbreak of the Corona
٢٠١٣-٢٠١٤	National Center for	❖ Theoretical and practical training in radiation therapy
٢٠١٢-٢٠١١	The Yemeni Authority for Standardization	❖ Calibration of laboratory and petroleum equipment
٢٠٢٠	IFAD Scientific Academy	❖ Academic writing tools and scientific research programs

Teaching experiences

Name of the university	Course name		Date
Lecturer at Saada University - College of Applied Sciences + College of Education	❖ Radiation therapy ❖ Medical electronics ❖ Atomic spectra ❖ Nuclear medicine	❖ Statistical physics ❖ Electromagnetic theory ❖ Atomic physics ❖ Lasers in medicine	❖ From 2020-2021 ^{AD} until now
Al-Razi University - Faculty of Medical Sciences	❖ Medical physics ❖ Physical optics	❖ Physics of breathing ❖ Geometric optics	❖ From 2017-2018 ^{AD} until now
Ibn Al-Nafis University - Faculty of Medical Sciences	❖ Physical optics	❖ Medical physics	❖ From 2022-2023 ^{AD} until now
University of Science and Technology	❖ X-ray physics ❖ Engineering physics	❖ Fluid mechanics ❖ Material resistance	❖ From 2019-2020 ^{AD} until now
Saeeda University	❖ Engineering physics ❖ Fluid mechanics	❖ Medical physics	❖ From 2022-2023 ^{AD} until now
□ Al-Hikma University	Engineering physics ❖	❖ Medical physics	❖ From 2018-2019 ^{AD} until now
□ The Civilization University - Faculty of Oil and Gas	Engineering physics ❖	❖ Medical physics	❖ From 2018-2021
□ University of Modern	❖ Electronics	❖ General physics	❖ From 2017-2019
Sana'a University - College of Science - Department of Physics	❖ General Physics 1	❖ Nuclear laboratories	❖ From 2012-2017

Introducing people who can be referred to

Name	Current Position	work Name	Phone.
Professor/ Abdu Ahmed Al-Kelly	Editor-in-Chief of Sana'a University of Science and	College of Science - Sana'a University	777267057
Professor / Ibrahim Ghaleb Luqman	Vice President of Sana'a University for	College of Science - Sana'a University	771444598
Professor . Abdul Hakim Ahmed Al Hammadi	The supervisor of the doctoral thesis is a professor of solid state	College of Science - Sana'a University	777699493
Professor Dr. Muhammad Qasim Al-Mutawakkil	Head of the Physics Department	College of Science - Sana'a University	❖
Professor Dr. Muhammad Sadiq Al-Awar	Director of Scientific Research - Al-Razi University	College of Medical Sciences - Al-Razi University	771227420

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Professor Dr. Turki Al-Qabbani	Vice President of the University for Academic Affairs	Al-Razi University	770841011
□ Dr. Radwan Al-Rubai	Deputy Minister of Agriculture and Irrigation - former President of Hajjah University	Ministry of Agriculture and Irrigation	775354418
Dr. Hassan Moawad	Vice President of the University for Academic Affairs	Saada University	775102134

Professional skills and personal

Writing and drafting research proposals: research project management: publishing in classified scientific journals (ISI, Scopus)

- ❖ **Working with others, collegiality, mentorship, influence, leadership and collaboration in research, a team working towards success as a researcher.**
- ❖ **Scientific writing and statistical analysis skills**
- ❖ **Basics of scientific publishing and preparing research papers for submission in journals classified in the ISI & Scopus databases**
- ❖ **Planning the scientific publishing process (various scientific papers)**
- ❖ **Choosing the appropriate publication vessel (or appropriate journal) and the basics of submission**
- ❖ **Responding to residents'/reviewers' comments**
- ❖ **Enhancing the benefit of attending scientific conferences**
- ❖ **Enhancing cooperation/marketing/research opportunities**
- ❖ **Establishing and preparing laboratory experiments using local environmental materials.**
- ❖ **Applying practical physics experiments using simulation programs.**
- ❖ **Examination and analysis of medical materials and research samples using an XRD device.**
- ❖ **Using the MDI Jade program to identify the internal composition of materials after analysis.**
- ❖ **Identify the purity of materials and the percentage of impurities and concentrations present in them using the XRF device.**
- ❖ **Data analysis using Origin Pro software.**
- ❖ **Applying physics laboratory experiments using Data Studio Software technology.**