

CURRICULUM VITAE

First Name : Ibrahim Karim Abbas
Family Name : Al-Obaidi
Marital Status : Unmarried
Date of Birth : 1 / 8 / 1988
Nationality : Iraqi
Address : Baghdad / Al-Saidiya
Scientific Title : Lecturer
Telephone (Mobile1) : 009647902314901
(Mobile2) : 009647700009924



E-mail-1 : ibrahim.k.abbas.88@gmail.com
E-mail-2 : Ibrahim.kareem1104a@sc.uobaghdad.edu.iq

Academic Qualifications

University / Institute	Degree	Grad. Y.	College and Graduation Rate	
University of Anbar (Baghdad Location)	M.Sc.	2017	Plasma Physics	83.334
University of Baghdad	Ph.D.	2023	Plasma Physics and Their Applications	90.4576

Conferences

Participation Certificates	Date of the Conference	Place of the Conference
Al-Qasim Green University	29-30 Oct. 2017	Babylon-Hilla- Iraq
Ibn Sina University	18-19 Aug. 2017	Baghdad
University of Fallujah College of Applied Science	5-6 May. 2018	Fallujah
University of Baghdad College of Science-ICCR 2019	25 March. 2019	Baghdad
University of Kirkuk International Conference on Renewable Energy ICRE 2022	1-3 May 2022	Kirkuk
Al-Hadi University College (SCMA1)	14-16 March 2023	Baghdad

-I have participated in many conferences, workshops and seminars inside and outside Iraq, and I have received many participation certificates and badge certificates: Scopus, Clarivate, Emrad, Bright

Talk, and many educational scientific platforms.

-I also work as a scientific reviewer in many journals belonging to Scopus.

-I have a Patent in Medical Physics Advice, Issued by the Central Organization for Standardization and Quality Control.

-Name of Invention: The construction of 3.4 cm portable light plasma system with torch of flame, small size and light weight used for sterilization of wounds and burns within a short period time and made of cheap commercial components.

- I'm Participated in two patent exhibitions, Al-Qasim Green University as well as patent exhibition by the General Secretariat of the Council of Ministers.

Research Published in Scopus & Clarivate

No.	Article Name
1	The Effect of the Non-Thermal Plasma Needle on <i>Pseudomonas Aeruginosa</i> Bacteria https://www.researchgate.net/publication/320065283 The Effect of the Non-Thermal Plasma Needle on <i>Pseudomonas Aeruginosa</i> Bacteria
2	The Study of Electrical Description for Non-Thermal Plasma Needle System https://www.researchgate.net/publication/320172071 The Study of Electrical Description for Non-Thermal Plasma Needle System
3	The Effect of The Non-Thermal Plasma Needle on <i>Staphylococcus aureus</i> https://www.researchgate.net/publication/329907085 THE EFFECT OF NON-THERMAL PLASMA NEEDLE ON STAPHYLOCOCCUS AUREUS BACTERIA
4	Manufacturing of Cold Plasma System and Studies Electrical Characteristic https://www.researchgate.net/publication/349742477 Manufacturing of Cold Plasma System and Studies Electrical Characteristic
5	Environmental pollution and its impact on the population in Iraq Problems and solutions Publishing in journal of Surr man raa, ISSN: 1813-6798 https://www.researchgate.net/publication/340609486 altlwth mshklt albyyy wathrh ly alskan fy alraq
6	Influence of Distance and Argon Flow rate on <i>Pseudomonas aeruginosa</i> Bacteria Exposure by Non thermal Plasma at Atmospheric Pressure Publishing: Iraqi Journal of Science, Scopus Q3 https://ijs.uobaghdad.edu.iq/index.php/eijs/article/view/5636
7	Investigation of the Impacts of Laser Energy on Calcium Plasma and Calculated Plasma Parameters by using the O.E.S. Technique Publishing Acceptance: American Institute of Physics (AIP), Scopus
8	Synthesis and characterization of magnesium oxide nanoparticles by atmospheric non-thermal plasma jet Publishing: Kuwait Journal of Science, Scopus Q2 & Clarivate IF https://www.sciencedirect.com/science/article/pii/S2307410823000470?via%3Dihub
9	Preparation of Cobalt Oxide Nanoparticles by Atmospheric Plasma jet and Investigation of Their Structural Characteristics Publishing: Egyptian Journal of Chemistry, Scopus Q2 & Clarivate IF

	https://ejchem.journals.ekb.eg/article_253649.html
10	Synthesis and Investigation of the Structural Characteristics of Zinc Oxide Nanoparticles Produced by an Atmospheric Plasma Jet Publishing: Iraqi Journal of Science, Scopus Q3 https://ijs.uobaghdad.edu.iq/index.php/eijs/article/view/7277
11	Synthesis and Study of Structural Properties of Calcium Oxide Nanoparticles Produced by Laser-Induced Plasma and its Effect on Antibacterial Activity Publishing: Science and Technology Indonesia, Scopus Q2 https://sciencetechindonesia.com/index.php/jsti/article/view/531
12	Spectroscopic Diagnosis of Cobalt Plasma Produced by OES Technique and Influence of Applied Voltage on Plasma Parameters Publishing: Iraqi Journal of Science, Scopus Q3 https://ijs.uobaghdad.edu.iq/index.php/eijs/article/view/6648
13	Study the Impact of Laser Energy on Laser-Induced Copper Plasma Parameters by Spectroscopic Analysis Technique Publishing: Science and Technology Indonesia, Scopus Q2 https://sciencetechindonesia.com/index.php/jsti/article/view/551
14	Effect of applied voltage on spectroscopic characterization for Neon plasma Publishing Acceptance: Iraqi Journal of Science, Scopus Q3
15	Influence of Applied Discharge Voltage and Gas Flow Rate on Nickel Plasma Jet Parameters Diagnosed by Optical Emission Spectroscopic Technique Publishing Acceptance: Jourdan Journal of Physics, Scopus Q3

Sites and Scientific Accounts

Google Scholar, Research Gate, Elsevier Scopus Review, Orcid, Springer Link, Publons, Academia, Web of Science, Microsoft Academic, Slide Share, LinkedIn, Menedely Feed, Live DNA.

<https://orcid.org/0000-0002-0777-360X>

<https://scholar.google.com/citations?user=V6HjW9YAAAAJ&hl=ar>

<https://www.researchgate.net/profile/Ibrahim-Abbas-3>

<https://www.scopus.com/authid/detail.uri?authorId=57219094496>

LANGUAGES

	Speak			Read			Write			Understand		
	Excel	Good	Fair	Excel	Good	Fair	Excel	Good	Fair	Excel	Good	Fair
Arabic	*			*			*			*		
English	*			*			*			*		

Computer Skills

I have enough experience in the field of computers and all fields related of computers and dealing with Microsoft Office software and software application. And I have an experience in some of physics programs such as Image J, Spectro, Origin, GraphPad, X'pert HighScore, Spectrum Analyzer, Match, ...etc. Also I have a little experience in dealing with MATLAB software and program Mathematica linked to the work of some mathematical functions and linked to some scientific, medical, theoretical applications.