

Curriculum Vitae

Personal information

Name: Sana Thamer Kadhem .

Address: Thi-Qar, / Nasiriyah .

Date of birth: 29/8/1981

Place of birth: Thi-Qar / Al - Naser

E-mail: sana-t@utq.edu.iq

Occupational address: assistant prof.

SCIENTIFIC QUALIFICATION

Ph.D. Degree in nuclear physics

EXPERIENCE:

- Ph.D., Collage of science , Al-Mustansiriyh University, 2022-2023 .
- Title 'assessment of heavy elements and natural radioactivity concentrations of medical herbs samples used in Iraq
- Master , Collage of science, Al-Mustansiriyh University, 2008-2009
- Title " Binary Theory of antiproton"
- Bachelor, Collage of science, Thi - Qar University, 2003 – 2004

Promotion

• lechure:

- 1- Barkas correction of particle and antiparticle.
- 2- Energy loss straggling for slow ions in an electron gas

- ***Assistant prof***

- Transition from classical into quantum theory for calculating the stopping power of charged particles
- Approximate formula for the stopping power of charged particles in an electron gas
- The Sputtering of Target by Charged Particles and Energy Spectra of Sputtered Atoms

EXPERIENCE:

1. I have two years training as a Physicist Assistant in the Lap of Medical Physics, Collage of Medicine , Thi_ Qar University from 9/11/2004 to 18/11/2006.
2. Now I teaching Medical Physics (theory & practice) in Department of Medical Physics, Collage of Medicine, Thi_ Qar University.
3. I got certificate of merit when I successfully completed training course in teaching methods held at College of Physical Education, Thi_ Qar University from 15/3/2010 to 29/3/2010.
4. I got an efficiency certification in applications of computer and internal held at Thi _ Qar University from 31/5/2011 to 13/6/2011.
5. I have made an examination in Internet and Computing Core Certification (IC3) and passed it successfully in the three parts with average mark (94.1) from Nasiriyah Institute for Languages and Computers on 17/12/2011.
6. I have made an examination in TOEFL ITP Language and passed it Successfully with total score (507) from Nasiriyah Institute for Languages
7. I got an efficiency certification in computer and Internet when I passed successfully the examination with excellent grade from College of Computer Science and Mathematics/Thi – Qar University on 15/3/2018

8. I got an efficiency certification in English Language when I passed successfully the examination with very good grade from college of computer science and mathematics/Thi – Qar University on 19/3/2018
9. I was a member in the examination committee for the year 2017 - 2018 in College of Medicine/ Thi – Qar University/
10. I was a member in the examination subcommittee for the year 2023 - 2024 in the physiological and medical physics department/ College of Medicine/ Thi – Qar University
11. I have a certificate of participation in the electronic training workshop (حساب (معايير تصنيف المجالات) which was organized by the Supervision and Scientific Evaluation Apparatus in the Ministry of Higher Education and Scientific Research on 11/3/2022
12. I have a certificate of participation in the electronic training workshop (الاسلوب (الامثل لكتابه المقال الاكاديمي) which was organized by the Supervision and Scientific Evaluation Apparatus in the Ministry of Higher Education and Scientific Research on 2/12/2022
13. I have a certificate of participation in the electronic training workshop (تحليل (الاستشهادات للمجلات العلمية) which was organized by the Supervision and Scientific Evaluation Apparatus in the Ministry of Higher Education and Scientific Research on 18/11/2022
14. I have a certificate of participation in the electronic training workshop (الطرق (السليمة الى الترقية العلمية) which was organized by the Supervision and Scientific Evaluation Apparatus in the Ministry of Higher Education and Scientific Research on 27/1/2023
15. I have a certificate of participation in the electronic training workshop (تطوير (التعاون البحثي من مواقع بوابه البحث العلمي) which was organized by the Supervision and Scientific Evaluation Apparatus in the Ministry of Higher Education and Scientific Research on 20/1/2023
16. I have a certificate of participation in the electronic training workshop (استخدام

(لتنظيم المصادر في كتابه البحوث ENDNOTE البرنامج العلمي) which was organized by the Supervision and Scientific Evaluation Apparatus in the Ministry of Higher Education and Scientific Research on 11/11/2022

17. Certificate of participation in the virtual scientific lecture (Immunohistochemistry and its applications) which held by the department of pathological analysis/ College of Science/ University of Basrah on 15/11/2022
18. Certificate of attendance the 5th International conference on medical education, virtual, held by the University of Kerbala, College of Medicine in partnership with Imamia Medics International and Al Sadiq International Virtual University on 5/4/2021
19. I have a certificate of participation in the workshop (اجراءات السلامة والامن البيولوجي) which held by College of Science partnership with Development and Continuous Education Center in Thi – Qar University on 21/2/2021
20. I got a certificate of participation in the virtual scientific workshop 21 (مصادر) (الاشعاع النووي ومعايير التهديد والسلامة والامن و الامان و الوقاية) which organized as a part of the second virtual scientific and cultural activities and organized by College of Science/ Thi - Qar University on 31/5/2021
21. I got a certificate of participation in the virtual scientific workshop 14 (النشر) (في المجالات العالمية الرصينة) which organized as a part of the second virtual scientific and cultural activities and organized by College of Science/ Thi - Qar University on 23/5/2021
22. I got a certificate of participation in the virtual scientific lecture 1 (كتابه البحث) (العلمي وفق المنهجية العلمية الصحيحة) which organized as a part of the second virtual scientific and cultural activities and organized by College of Science/ Thi - Qar University on 3/5/2021
23. I got a certificate of participation in the virtual scientific seminar 19 (Fractal and its application) which organized as a part of the second virtual scientific and cultural activities and organized by College of Science/ Thi - Qar

University on 29/5/2021

24. Certificate participation in the virtual scientific seminar (Bologna Process) which was a higher education system for technical universities in Iraq and held by the ministerial team for digital transformation in the Ministry of Higher Education and Scientific Research on 25/12/2022.

Thanks and Appreciation

Thanks from the prime minister of Iraq number=1

Thanks from the minister of higher education and scientific research number=7

Thanks from the president of Thi – Qar university number=11

Thanks from the dean of college of medicine/ Thi – Qar university=5

Researches

year	volume	number	journals	Name of research	ت
2022	22	2	HIV Nursing	Investigation of natural radioactivity concentration in leaf part of some medicinal herbs used in Iraq (مشترك) د. جبار ماضي راشد ود. مهند حاتم هاشم	1
2015	4	7	International Journal of Science and Research (IJSR)	Effect of the two approximations of Lindhard on energy loss fluctuation (straggling) of dicluster hydrogen ions at low velocities with no damping (مشترك) د. سحر مزهر	2
2011		6	مجلة كلية التربية / المستنصرية	Stopping power and phase shift for slow ions in an electron gas (مشترك) د. سحر مزهر	3
2012	7	4	مجلة جامعة ذي قار	Barkas correction of particle and antiparticle (مشترك) د. سحر مزهر	4
2011	1	6	مجلة كلية التربية/ ذي قار	قدرة الايقاف لعناقد الهيدروجين الثنائية في الاوساط الصلبة (مشترك) د. سحر مزهر	5

2012	2	1	مجلة كلية التربية/ذي قار	Bloch correction at high velocity (مشترك) د.سحر مزهر	6
2013	8	3	مجلة جامعة ذي قار	Daming effect on stopping power of dicluster hydrogen ions (مشترك) د.سحر مزهر	7
2016	6	3	Journal of Natural Sciences Research	Approximate formula for the stopping power in an electron gas	8
2016	11	2	مجلة جامعة ذي قار	The Sputtering of Target by Charged Particles and Energy Spectra of Sputtered Atoms	9
2015	10	2	مجلة ذي قار الطبية	Transition from classical into quantum theory for calculating the stopping power of charged particles.	10
2012	3	2	International Journal of research in pharmaceutical and Biomedical sciences	Solution of Schrodinger equation by using perturbation theory of phase shift	11
2012	2	1	مجلة كلية التربية / جامعة ذي قار	Stopping power of dicluster hydrogen ion in solid targets	12
2011		6	مجلة كلية التربية / الجامعة المستنصرية	Energy loss straggling for slow ions in an electron gas	13
2012		5	مجلة كلية التربية / الجامعة المستنصرية	Semi classical approach of stopping ions	14
2012	23	4	مجلة كلية العلوم / الجامعة المستنصرية	Semi classical and WKB approximation of phase shift	15