

# Curriculum vitae

## **PERSONAL INFORMATION**

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*Address: Thi-Qar, / Nasiriyah .*

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## **SCIENTIFIC QUALIFICATION**

*PhD Degree in nuclear physics*

## **EXPERIENCE:**

- + Phd, Collage of science , Thi-Qar University 2020-2021 .*
- + Title 'some nuclear properties and phase transmission of barium isotopes'*
- + Master , Collage of science, Al-mustansiriya University 2008-2009.*

# Permission

## • *lechure:*

- 1- *Barkas correction of particle and antiparticle.*
- 2- Determine of vicinage function by using Plasmon-Pole Approximation (PPA) without Damping

## • *Assistant prof*

- 1- Electronic excitation produced by proton moving inside polystyrene using Drude model
- 2- *Stopping power and straggling of H (proton) and He (helium) in solid targets (Au, AL, K, Cs)*
- 3- The Sputtering of Target by Charged Particles and Energy Spectra of Sputtered Atoms

## • *Researches*

year	volume	number	journals	Name of research	ت
2010	6	1	مجلة جامعة ذي قار	الجهد المحتث عند تفاعل ايونات العناقيد الثنائية مع المواد الصلبة(مشترك) ا.م.د. رياض خليل احمد	1
2011	31	6	مجلة كلية التربية /المستنصرية	Interference function effect when dicluster hydrogen ion interaction with solid matter with no damping(مفرد)	2
2011	13	6	مجلة كلية التربية /المستنصرية	Stopping power and phase shift for slow ions in an electron gas(مشترك) سناء ثامر	3
2012	7	4	مجلة جامعة ذي قار	Barkas correction of particle and antiparticle(مشترك) سناء ثامر	4
2011	1	6	مجلة كلية التربية/ذي قار	قدرة الايقاف لعناقيد الهيدروجين الثنائية في الاوساط الصلبة (مشترك) سناء ثامر	5

2011	1	6	مجلة كلية التربية/ذي قار	Bloch correction at high velocity (مشترك) سناء ثامر	6
2013	8	3	مجلة جامعة ذي قار	Damping effect on stopping power of dicluster hydrogen ions (مشترك) سناء	7
2013	8	4	مجلة جامعة ذي قار	Determine of vicinage function by using Plasmon pole approximation (ppa)without damping (مفرد)	8
2014			International Journal of Science and Research (IJSR)	Effect of the Tow Approximations of Lindhard on Energy Loss Fluctuation (Stragglng) of Diclusters Hydrogen Ions at Low Velocities with No Damping	9
2014			مجلة كلية العلوم	Electronic excitation produced by proton moving inside polystyrene using Drude model	10
2015			مجلة كلية الطب	Stopping power and stragglng of H (proton) and He (helium) in solid targets (Au, AL, K, Cs)	11
2016			مجلة جامعة ذي قار	The Sputtering of Target by Charged Particles and Energy Spectra of Sputtered Atoms	12
2021			مؤتمر جامعة العين	Details study of the 122Ba and 123Ba isotopes using IBM-1 and IBFM-1	13
2021			مؤتمر جامعة العين	positive parity low-spin states of even–odd 129-133Ba isotopes	14