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- مكان العمل: كلية المامون الجامعة

• التعليم /المؤهلات الدراسية	دكتوراه
• الخبرة	33 سنة في مجال التعليم الجامعي
• البحوث/الكتب	**A- Books** 1- Al-Shadidi, Z. (2011). *Practical physics*. Aden: Press of Aden University. 2- Al-Shadidi, Z. *Practical physics*, part 2. Aden: Press of Aden University. 3- Al-Shadidi, Z. (2017). *Advanced practical physics*. Germany: Noor Academic publishing, Omni Scriptum GmbH& Co.KG. 4- Al-Shadidi, Z. (2015). *Theoretical investigation in shape memory alloy*. USA, UK, & Germany: Lambert Academic Publishing **B- Papers Presented**

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1- *Al Shadidi, Z.,& Makadsi, M., Study of alternating conductivity (ac conductivity) in thin films of CdTe. Publications of the First Scientific Conference, College of Science, University of Baghdad / Baghdad 1999*

2- *Al Shadidi, Z., & Makadsi, M., New Method For Evaluating Gibbs Free Energy In shape memory Alloys, Iraqi Journal of Science / University of Baghdad Issue (2) Volume (51) , 2010.*

3- *Al Shadidi, Z., Theoretical study for Electrical Power station construction by the use of wave energy, , journal of materials and chemical engineering (JMCE), vol.2 Iss 3,pp.85-79, Jul 2014.*

4- *Al Shadidi, Z., Carrier Transport mechanism in InSb/GaAs heterojunction, univ. Aden J. Nat. and appl. Sc. Vol.17 No.2- August 2013.*

5- *Al Shadidi, Z., The effect of atomic percentage selenium content on the permetivity and polarizability for* Ge_xSe_{1-x} *thin films, journal of materials and chemical engineering (JMCE), vol.2 Iss 2,pp.56-62, April 2014.*

6- *Al-Shadidi, Z. (2014). Basics of renewable energy and employment prospects, Journal of Modern Science and Heritage, Sweden, 3(2),397- 414.*

7- *Al-Shadidi, Z. (2015). Environmental Factors and Phase Changes Effects on Materials Erosion Energy. The 3rd scientific conference for the Environment, Baghdad, Iraq*

8- *Al-Shadidi, Z. (2016). Heat transport mechanism in Soil. The 4th scientific conference for the Environment, Cairo, Egypt.*

9- *Al Shadidi, Z., Theoretical Comparison between Alumina & fiberglass in saving heat portability, JCST, world academic publishing, Hong Kong, Issu1, Vol.6, P.P. 10-17, 2017.*

10- *Al Shadidi, Z., Al gebori, Assessment of health and environmental risks of nanomaterial, publications of the fifth Scientific Conference of Genetic and Environment ، Baghdad, Iraq, 2018.*

11- *Al Shadidi, Z., The Effect of Environmental Factors (Temperatures & Humidity) on the Solar Cell Performance / Matlab Model, International Journal of Applied Mathematics and Theoretical Physics, 2020; 6(4): 61-67*

12- *Al Shadidi, Z., Mirfat Al Shaddadi, THE BIOLOGICAL EFFECTS OF RADIO WAVES ON HUMAN BODY TISSUES, Journal of Genetic and Environmental Resources Conservation, 2021, 9(1):183-189. www.gercj.com Print ISSN: 2306-8663, Online ISSN: 2306 – 8280*

13- *Garhoom, W. A. & Al Shadidi, Z. (2021). Enhancing SI solar cells efficiency by adding SIO2/TIO2 thin films using transfer matrix method, East European Journal of Physics, 4, 164-171*

14- *Al Shaddadi , & M. Al Shadidi, Z. (2022). SAR simulation on human head model exposed to mobile phone radiation by finite difference time domain method, in press.*

15- *Hamood, R., Jamal, S., Al Shadidi, Z. A. (2022). Mechanical characterization of armchair and zigzag single-walled carbon nanotube, African Scientific Reports,1,23-31.*

16- *Hiadrah, S.S.[1] & Al Shadidi, Z.. Numerical investigation in nitinol lattice stability safe usage in replacing hard tissues.*

17- *Al Shadidi, Z., Hiadrah S.S., Enhancing NiTi spring properties Using Lagudus model, Iraqi Journal of Science,*

2023, Vol. 64, No. 6, pp: 2843-2851 DOI: 10.24996/ijs.2023.64.6.15.

18- *Studying multilayer a-SI solar cells with SiO2/TiO2 thin film layers properties using MATLAB , 2023, Journal of Modern and Heritage Science , V 2 P.84 – 78 .*

19- - *Influence of NiTi Spring Dimensions and Temperature on the Actuator Properties ,2023, Iraqi Journal of Physics , Vol. 21 No. 3, PP. 64-76 .*

- روابط المواقع البحثية العالمية

https:// www.webofscience.com/wos/author/record/AFQ-7090-2022	*Publons*
https:// scholar.google.com/citations?user=77fPlO0AAAAJ	*Google Scholar*
https://www.researchgate.net/profile/Zina-Al-Shadidi	*Research Gate*
https://orcid.org/ 0000-0002-2633-9446	*ORCID*
https:// www.scopus.com/authid/detail.uri?authorId=57558889400	*Scopus*

- اللغات

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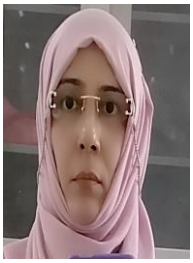
• **Name: Zina Abdulameer Al Shadidi** • **The scientific title professor** • **E-mail:zena.a.baqir@almamounic.edu.iq** • **Mobile:07847522687** • **Nationality: Iraqi** • **Place of work: Al Ma’moun University College**	

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• **Experiences**	**33 year**
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• **International research websites**	https:// www.webofscience.com/wos/author/record/AFQ-7090-2022 — *Publons* https:// scholar.google.com/citations?user=77fPlO0AAAAJ — *Google Scholar* https://www.researchgate.net/profile/Zina-Al-Shadidi — *Research Gate* https://orcid.org/ 0000-0002-2633-9446 — *ORCID* https:// www.scopus.com/authid/detail.uri?authorId=57558889400 — *Scopus*
• **Languages**	**Arabic & English**