CURRICULUM VITAE

1- Personal Information:

Dr. Ziad Tariq Khodair is Professor at the University of Diyala, College of Science. Authored more than 50 scientific publications and has been part of many committees and organization bodies. He obtained his B.Sc. in Physics from Al-Mustansiriya University (1992) and M.Sc. (2003) in thin films physics, his Ph.D. (2011) in Physics / Nanomaterials from University of Baghdad. Scopus shows more than 107 citations for my research work with an h-index of 5.

-Name : Prof. Dr. Ziad T. Khodair

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-Cell phone : (+964) 07703409844

-Email address: ziad_tariq70@yahoo.com

-Address of Correspondence : College of Science, Baquba, Diyala , Iraq

-Nationality: Iraqi

-Date of birth and place : Diyala , Iraq-1-7-1970

-Marital status: married

-Current Job: Professor , College of Science of University of Diyala, Iraq

- Languages

Arabic , and English

-Research interests: Solid state physics- Nanotechnology.

2- Qualification and degrees

-B.Sc in physics , Department of physics, College of Education ,University of Al-Mustansiriya, Iraq,1991-1992

-M.Sc in Physics , Department of physics, College of Education ,University of Al-Mustansiriya, Iraq in 2003

Thesis Title: ***The Study Of Optical And Some Electrical Properties Of Cadmium Oxide (CdO) Thin Film Doped By Silver Oxide (Ag_2O) Prepared By The Chemical Spray Pyrolysis***

-Ph.D in Physics, Department of physics, College of Education ,University of Baghdad, Iraq in 2011

Thesis Title: ***Design and Fabrication Nanostructures growth of (ZnO:Fe)Compound by APCVD Technique and Study Some Physical Properties and Deposition Parameters***

3- Academic and scientific experience :

2013-2017 Head of physics department of the college of science in university of Diyala of Iraq.
2018- Until now Head of physics department of the college of science in university of Diyala of Iraq.

4- Experience

-Manufacture of nanomaterials by several chemical and physical methods

-Characterization Techniques (XRD, FTIR, UV-VISIBLE-NIR ….)

-Teaching different undergraduate and postgraduate level courses in solid state physics, nanotechnology, spectroscopy.

5- Published Papers :

More than 50 scientific publications in Nanotechnology ,Solid State Physics, and Material Science.

-My profile on Google Scholar: **https://scholar.google.com/citations?hl=ar&user=I8U_04EAAAAJ**

-My profile on Research Gate : **https://www.researchgate.net/profile/Ziad_Khodair**

- My profile on Scopus: **https://www.scopus.com/authid/detail.uri?authorId=57191271964**

- **Number of recently published papers in Scopus and clarivate journals:**

1- Preparation and investigation of the structural properties of α-Al_2O_3 nanoparticles using the sol-gel method Mohammed, A.A., Khodair, Z.T., Khadom, A.A., Chemical Data Collections, 2020, 29, 100531.

2- Study of Optical and Structural Properties of $(NiO)_{1-x}(CuO)_x$ Nanostructures Thin Films Khodair, Z.T., Al-Jubbori, M.A., Shano, A.M., Sharrad, F. I. Chemical Data Collections, 2020, 28, 100414.

3- Study of the Structural and Optical Properties of Ni-doped Co_3O_4 Thin Films Using Chemical Spray Pyrolysis Technique. Farhan, M.M., Khodair, Z.T., Ibrahim, B.A., IOP Conference Series: Materials Science and Engineering, 2020, 871(1), 012090.

4- Thermal resistance of epoxy resin and phenol formaldehyde compound mixed with mixed inhibitors Rajab, M.A., Khodair, Z.T., Abdullah, H.W., Kamil, A. A. , Journal of Global Pharma Technology, 2020, 12(6), pp. 227-231.

5- Synthesis of MWCNTs from methanol/butanol mixture by catalytic chemical vapor deposition and application to synthesized dye sensitizer solar cell, Abd, I.K., Abdulrazzak, F.H., Khodair, Z.T. AIP Conference Proceedings, 2020, 2213, 020318.

6- Investigations of structural and magnetic properties of $Cu_{1-x}V_xO$ nanostructures prepared by sol-gel method, Khodair, Z.T., Mohammad, A.M., Khadom, A.A., Chemical Data Collections, 2020, 25, 100315

7- 7- Preparation, characterization and application of Al_2O_3 nanoparticles for the protection of boiler steel tubes from high temperature corrosion, Mohammed, A.A., Khodair, Z.T., Khadom, A.A.,Ceramics International, 2020.

8- Investigation on the structural and optical properties of copper doped NiO nanostructures thin films Khodair, Z.T., Ibrahim, B.A., Hassan, M.K., Materials Today: Proceedings, 2020, 20, pp. 560-565

9- Effect of annealing temperature on structural, morphological and optical properties of zno nanorod thin films prepared by hydrothermal method, Kareem, M.M., Khodair, Z.T., Mohammed, F.Y. Journal of Ovonic Research, 2020, 16(1), pp. 53-61.

10- The effect of inter laminate layer on flexural strength for unsaturated polyester resin reinforced hybrid fabric composite, Abdullah, H.W., Rajab, M.A., Khodair, Z.T., Alkhalidi, J. ,International Journal of Nanoelectronics and Materials, 2020, 13(1), pp. 55-62.

11- Corrosion protection of mild steel in different aqueous media via epoxy/nanomaterial coating: preparation, characterization and mathematical views, ZT Khodair, AA Khadom, HA Jasim, Journal of Materials Research and Technology 8 (1), 424-435, 2019.