



Babak Emdadi

Instructor

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Baku, Azerbaijan

Educations

Ph.D. Nanotechnology and Nanomaterials

Khazar University

Sep 2021 - Present

BS Electronic Engineering

Islamic Azad University of Tabriz

Sep 2012 - Jun 2016

M.Sc. Electronic Engineering

Tabriz University

Sep 2016 - Jun 2018

Employment History

Instructor

Khazar University (Baku)

Feb 2022 - Present

Courses

TOEFL

Language

English	Turkish	Azerbaijani	Arabic	Russian
C1	★★★★☆	Mother tongue	A2	A1

Projects

Synthesis and characterization of quantum dot nanoparticles and their application for Khazar University

Sep 2021 - Aug 2024

Researches

Functionalized nanofiber-based drug delivery systems and biosensing devices for Elsevier

Apr 2023

Description:

Project Link:

<https://doi.org/10.1016/B978-0-323-99461-3.00006-6>

Synthesis Methods and Characterization Techniques of Fluoropolymers for Elsevier

May 2023

Project Link:

<https://doi.org/10.1016/B978-0-323-95335-1.00007-4>

Encapsulated liquid sorbents for sweetening of natural gas for Elsevier

Feb 2023

Supersonic technology for condensate removal from natural gas for Elsevier

Feb 2023

Structural and Optical properties of PEDOT: PSS for Integrated Ferroelectrics

Sep 2023

Project Link:

<https://doi.org/10.1080/10584587.2023.2227056>

Wind climates and annual energy production for Elsevier

Sep 2023

Project Link:

<https://doi.org/10.1016/B978-0-323-93940-9.00101-8>

Leak detection technologies in natural gas transportation and storage systems for Elsevier

Jan 2023

Quantum dots synthesis and application in solar cells for International Conference - ENGINEERING SCIENCES International Conference

Feb 2023

Synthesis and Investigation of Structural and Optical properties of Nitrogen-doped Carbon Quantum Dots for International Conference in ICMECE Conference