# السيرة الذاتية

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**المؤهلات العلمية:**

**2015**: دكتوراة في علوم الفيزياء تخصص الكترونيات نانوية , جامعة باث , المملكة المتحدة

**2008**: ماجستير في الفيزياء تخصص جوامد , جامعة الملك سعود.

**2002**: بكالوريوس الفيزياء, جامعة الملك سعود.

**الخبرات المهنية:**

- معيدة في قسم الفيزياء والفلك من 2005 الى 2014

- أستاذ مساعد قسم الفيزياء والفلك 2015

- وكيلة قسم الفيزياء والفلك 2016-2018

**الدورات وورش العمل:**

- التعليم الجامعي الفعال
- التدريس المصغر
- تقييم مخرجات التعليم
- تصميم وبناء المقرر الدراسي
- لائحة ادارة الأداء الوظيفي
- Developing effective research proposals,2018
- Emotional Intelligence for Academic leaders, DEC 2017

**المنشورات والمشاركات العلمية:**

1- **Quality Factor of a Microchannel Microresonator as a Function of Viscosity and its Vibrational Mode: An Experimental and Computational Analysis.**

*Abeer Alshammri, Reem Alsaigh, Khalid E. Alzahrani, Abdulaziz K. Assaifan, Hamad Albrithen,Mona Braim, Saravanan Pandiaraj , Asokan Vimala Juliet, Ganesan Sanchana, Muthumareeswaran Muthuramamoorthy, Abdullah Alodhayb. IEEE Sensors Journal.23,1. JANUARY 1, 2023.*

2- **Probing the Influence of Crosslinking Layer Incubation Time on the Performance of Non-Faradaic Impedimetric Biosensors.**

*Abdulaziz K. Assaifan, z Abdulrahman S. Aljdidalmri, Hamad Albrithen, Abdullah Alodhayb, Khalid E. Alzahrani, Abeer Alshammari, Mahmoud A. Al-Gawati, and Saleh Husam Aldeligan. J. Electrochem. Soc.* ***169*** *117511. 23NOV2022.*

**3- Encapsulated Passivation of Perovskite Quantum Dot (CsPbBr3) Using a Hot-Melt Adhesive (EVA-TPR) for Enhanced Optical Stability and Efficiency**

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**7- Dose-dependent cytotoxicity of polyethylene glycol loaded nano-graphene oxide in cultured cerebral cortical cells**

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**8- Study of a saturation point to establish the doping density limit of silicon with graphene oxide.**

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**10- Enhancement of external quantum efficiency and quality of heterojunction white LEDs by varying the size of ZnO nanorods**

N Bano , I Hussain, S Sawaf, Abeer Alshammari and F Saleemi, 25 May 2017 • © 2017 IOP Publishing Ltd Nanotechnology, Volume 28, Number 24

9- **A versatile sensing platform based on a supramolecular multi-enzyme complex directly attached to graphene"**,

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-**Great Western Electrochemistry Meeting**, 18 June 2012, University of Bath

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-**IOP 2011 – Graphene and other 2D systems**, 1-2 June 2011, London

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