



***Ministry of Higher Education and Scientific Research***

***University of Thi-Qar/ College of Science***

**وزارة التعليم العالي والبحث العلمي**

**جامعة ذي قار / كلية العلوم**

**السيرة الذاتية CURRICULUM VITAE**

**المعلومات العامة** :

|  |  |
| --- | --- |
| **الاسم الثلاثي واللقب**  | **احمد حمود فليح الساعدي**  |
|  | **Ahmed H. Flayyih Al-saide** |
| **اللقــــــب العلــــمي**  | **استاذ** **Asst. prof.** |
| **الجامعــــــــــــــــة**  | **ذي قار****Science****Thi-Qar****العلوم** |
| **الكليـــــــــــــــــــة** |  |
| **القســــــــــــــــــــم** | **جيولوجيا تطبيقية** **Applied Geology** |
| **البريد الألكتروني الرسمي** | **ahmad.humood\_phy@sci.utq.edu.iq** |

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| **المؤهــــــــلات والسيرة العلمية**  | **Qualification and certification** |
| **الاختصاص العام** | **الفيزياء** | **Physics**  | **General specialization** |
| **الاختصاص الدقيق** | **البصريات النانويه** | Nano optics | **Specific specialization** |
| **الشهادة** | **تاريخها** | **الجامعة** | **البلد** | **Country** | **University** | **Date** | **Certificate** |
| **بكلوريوس** | 2001 | المستنصريه | العراق | Iraq | Al-mustanseriyah | 2001 | **B.Sc.** |
| **ماجستير** | 2004 | المستنصريه | العراق | Iraq | Al-mustanseriyah | 2004 | **M.Sc.** |
| **دكتوراه** | 2013 | المستنصريه | العراق |  | Al-mustanseriyah | 2013 | **Ph.D.** |

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| **الإشراف على الدراسات العليا** |  | **Postgraduate Supervision** |
| **اسم الطالب****Student Name** | **الجامعة/ الكلية / القسم****Univ./Coll./Dept.** | **الشهاده****Degree** | **السنه****Date** |
| **سلام ثامر جلود** | **قسم الفيزياء / كليه العلوم / جامعة ذي قار** | **الماجستير** | **2015** |
| **حوراء عباس**  | **قسم الفيزياء / كليه العلوم / جامعة ذي قار** | **الماجستير** | **2016** |
| **ريام حسين علي** | **قسم الفيزياء / كليه العلوم / جامعة ذي قار** | **الماجستير** | **2017** |
| **كاظم عبد المحسن** | **قسم الفيزياء / كليه العلوم / جامعة ذي قار** | **الماجستير** | **2018** |
| **زينب نديم** | **قسم الفيزياء / كليه العلوم / جامعة ذي قار** | **الدكتوراه** | **2019** |

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| **نشاط التدريس** | **Teaching**  |
| **دراسات اولية Undergraduate Studies** |
| **ت** | **اسم المقرر** | **Course name** | **Course code.**  |
| 1 | **الرياضيات**  | **Mathematics** |  |
| 2 | **الفيزياء الحديثه** | **Modern phydics** |  |
| 3 | **الفيزياء الحراريه** | **Scientific Philosophy** |  |
| 4 | **الفيزياء الرياضيه** | **Mathematical physics** |  |
| 5 | **الكهربائية والمغناطيسيه** | **Electricity and magnatism** |  |
| 6 | **الاحصاء الجيولوجي** | **Statistical geology** |  |
| 7 | **الحاسوب** | **computer** |  |
| **دراسات عليا Postgraduate Studies** |
| **الموضوع** | **Course name** |
| **الفيزياء الرياضيه** | **Mathematical physics (MSc)** |
| **الفيزياء الرياضيه** | **Mathematical physics (PhD)** |
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**البحوث المنشوره**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Title**  | **Publication** | **Volume** | **Number** | **Year** | **Publisher** |
| **1** | **Four-wave mixing in quantum dot****semiconductor optical amplifiers** | **Applied Optics** | **52** | **14** | **2013** | **Optical Society of America** |
| **2** | **Theory of four-wave mixing in****quantum dot semiconductor optical amplifiers** | **Journal of Physics D: Applied Physics** | **46** | **44** | **2013** | **IOP Publishing** |
| **3** | **Theory of pulse propagation and f****our-wave mixing in a quantum dot****semiconductor optical amplifier** | **Current Applied Physics** | **14** | **7** | **2014** | **North-Holland** |
| **4** | **Integral gain in quantum dot semiconductor****optical amplifiers** | **Superlattices and Microstructures** | **62** |  | **2013** | **Academic Press** |
| **5** | **Carrier heating in quantum dot structures** | **Modern Physics Letters B** | **28** | **5** | **2014** | **World Scientific** |
|  | **The Influence of Confined Energy on the Carrier****Heating in Quantum Dot Semiconductor****Optical Amplifiers** |  |  |  |  |  |
| **6** | **Four-wave mixing in quantum dot****SOAs: Theory of carrier heating** | **Results in physics** | **7** |  | **2017** | **Elsevier** |
| **7** | **Carrier Heating Effects in Quantum****Dot Semiconductor Optical Amplifiers** | **Journal of Education for Pure Science** | **6** | **1** | **2016** | **Thi-Qar University** |
| **8** | **Four-Wave Mixing Conversion in QD SOA****: reservoir effects** | **University of Thi-Qar Journal of Science** | **6** | **3** | **2017** |  |
| **9** | **Carrier Temperature In Quantum Dot Optical Amplifiers** | **Journal of Education for Pure Science** | **8** | **3** | **2018** | **Thi-Qar University** |
| **10** |  | **Al-Mustansiriya journal of science** | **19** | **1** | **2008** |  |
| **11** | **using maximum likelihood techniques****to classify and recognize the voice of speaker** | **Al mustansiriya science journal** | **12** | **6** | **2010** |  |
| **12** | **Enhanced of Isolated -word recognition system** | **journal of education of education** |  | **3** | **2008** |  |
| **13** | **Using frequency domain feature of FFT****to recognize the voice signal of speakers** | **Al-Mustansiriya j.sci** | **8** | **4** | **2007** |  |
| **14** | **Using the probabilities of occurrence****of voice energy to recognize gender of speaker** | **journal of education of education** |  | **3** | **2007** |  |
| **15** | **تصنيف الصورة الرقمية باستخدام خوارزمية العنقدة** |  | **2** | **4** | **2007** |  |
| **16** | **6th International Scientific Conference on Nanotechnology, Advanced Materials and its Applications Reservoir carrier temperature in quantum dot optical amplifiers** |  |  |  |  |  |
| **17** | **Effect of time relaxations on the carrier heating of InAs/GaAs quantum dot semiconductor optical amplifier** | **Microwave and Optical Technology Letter** |  |  | **2020** | **Wiley Periodicals, Inc.** |
| **18** | **The effect of doping on the electrons and holes in quantum dot semiconductor optical amplifiers** | **Journal of Optical Communications** | **1** |  | **2020** | **De Gruyter** |

مصادقة رئاسة الجامعة

مصادقة الكلية