

Curriculum Vitae

Ansam Jameel Talib

A faculty member at Physics department, College of Science, University of Thi- Qar, Iraq.

Ph. D. Applied Physics/ Physics & Astronomy Department/ Texas A&M University, College Station, Texas 77840, USA.

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Education

Texas A& M University	Physics	Ph.D. Applied Physics, 2018.
Baghdad University, Iraq	Physics	M.Sc. Laser and Molecular, 2006.
Baghdad University, Iraq	Physics	B.Sc. Medical/Environmental/ Microscopic, 2002.

Professional Experience

- Expertise in fabricating and characterizing nanoparticles for bio-sensing, Nanoscience and nanotechnology, atomic force microscope, and Raman/fluorescence study, Optics and lasers.
- Research assistance (summer and fall semesters 2016) and spring semesters of 2017 and 2018.
- Lecturer, Physics Department, College of Science, University of Thi-Qar, Thi- Qar, Iraq (2006- 2012).
- Lecturer, Physics Department, College of Science, University of Thi-Qar, Thi- Qar, Iraq (2018- current).
- Lecturer at Biomedical engineering department second semester 2019 / Engineering College/ University of Thi- Qar.
- Academic Advisor of Graduate Students of Physics Department, College of Science, University of Thi-Qar, (April 2018- current)

Honored and awards

- Recipient of Iraqi Scholarship (HCED).....2010.

- Basic/ Intermediate Professional Development Certificate (G.R.A.D Aggies), May, 2017.
- CIRTLL Associate-Fellow of the Academy for Future Faculty (AFF), April 2018.
- Advanced Level Professional Development Certificate (G.R.A.D Aggies), May 2018.
- High Quality Impact Factor Paper Award, 4th Scientific Conference of College of Science, University of Thi- Qar (4th SCUTQ).
- Best Presentation Award, 4th Scientific Conference of College of Science, University of Thi- Qar (4th SCUTQ).
- Best Image Award, 4th Scientific Conference of College of Science, University of Thi- Qar (4th SCUTQ).

Presentations and Conferences

- “RBCs Ghost Loaded with Fluorescent Markers”. Ansam J. Talib, Alexei V. Sokolov, Philp Hemmer. Poster presentation, 4th SCUTQ- 2019, Thi- Qar, Iraq.....2019.
- “Erythrocyte Ghost Cells loaded with High Contrast Fluorescent Markers.” Ansam J. Talib, Masfer H. Alkahtani, Fahad Alghannam, Alexei V. Sokolov, Philp Hemmer. • Student Research Week (SRW)2018
- Noninvasive Chemical Detection of Cellular Components and Rhodamine 6G in Erythrocyte Ghost Cells.
ANSAM TALIB, DMITRI VORONINE, ALEXANDER ALEXANDER SINYUKOV, SANDRA BUSTAMANTE, ALEXEI SOKOLOV, KENITH MEISSNER, MARLAN SCULLY (Abstract ID: BAPS.2015.TSF.H1.16)
Fall 2015 Joint Meeting of the Texas Section of the AAPT, Texas Section of the APS and Zone 13 of the Society of Physics Students.
- Raman Spectroscopy and Imaging of Red Blood Cells. (Abstract ID: BAPS.2014.TSF.J2.4)
ANSAM TALIB, SANDRA BUSTAMANTE, ZACHARY LIEGE, SARAH RITTER, ALEXZANDER SINYUKOV, DMITRI VORONINE, ALEXEI SOKOLOV, KENITH MEISSNER, MARLAN SCULLY
Fall 2014 Joint Meeting of the Texas Section of the APS, Texas Section of the AAPT, and Zone 13 of the Society of Physics Students.

Publications

- Fluorescence imaging of stained red blood cells with simultaneous resonance Raman photostability analysis.
DOI: 10.1039/c9an00757a, The Royal Society of Chemistry 2019
Ansam J. Talib, Andrew Fisher, Dmitri V. Voronine, Alexander M. Sinyukov, Sandra C. Bustamante Lopez, Sharad Ambardar, Kenith E. Meissner, Marlan O. Scully, and Alexei V. Sokolov
- Lanthanide ions doped in vanadium oxide for sensitive optical glucose detection..... Vol. 8, Issue 11, pp. 3277-3287 (2018)
<https://doi.org/10.1364/OME.8.003277>.
Ansam J. Talib, Masfer Alkahtani, Linkun Jiang, Fahad Alghannam, Robert Brick, Carmen L. Gomes, Marlan O. Scully, Alexei V. Sokolov, and Philip R. Hemmer2018
- Metal–Organic–Inorganic Nanocomposite Thermal Interface Materials with Ultralow Thermal Resistances (DOI: 10.1021/acsami.7b0009 ACS Appl. Mater. Interfaces 2017, 9, 10120–10127).
Cengiz Yegin, Nirup Nagabandi, Xuhui Feng, Charles King, Massimo Catalano, Jun Kyun Oh, Ansam J. Talib, Ethan A. Scholar, Stanislav V. Verkhoturov, Tahir Cagin, Alexei V. Sokolov, Moon J. Kim, † Kaiser Matin, Sreekant Narumanchi, and Mustafa Akbulut.
- Amplified Spontaneous Emission of DCM Dye in PMMA Polymer Using Copper Metal Disks Mold (Iraqi Journal of Physics, 2010 Vol. 8, No.11, PP. 33 – 37) Baha T. Chiad, Abbas J. Al-Wattar, and Ansam J. Taleb.
- Simulation of the directionality of Ruby Laser (Arabic Version) محاكاة صفة الاتجاهية لليزر الياقوت
مجلة علوم ذي قار العدد (٣) المجلد ١ كانون الثاني / ٢٠٠٩
Journal of Thi-Qar University No.3 Vol.1, January /2009.

- Incident laser power and concentration effects on the fluorescence of R101 dye in PMMA polymer.
أنسام جميل طالب (Ansam Jameel Talib) Journal of Thi-Qar University No.2 Vol.4 September/2008.

السيرة الذاتية

أنسام جميل طالب

احد اعضاء الهيئة التدريسية في قسم الفيزياء/ كلية العلوم / جامعة ذي قار
دكتوراه فيزياء تطبيقية من جامعة تكساس اي اند أم الامريكية

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التعليم

- دكتوراه في الفيزياء التطبيقية من قسم الفيزياء والفلك في كلية العلوم/ جامعة تكساس اي أند ام الامريكية، ٢٠١٨.
- ماجستير في علوم الفيزياء / فيزياء جزيئية وليزر/ قسم الفيزياء / كلية العلوم / جامعة بغداد ، ٢٠٠٦.
- بكالوريوس في علوم الفيزياء بتخصص طبية / بيئة/ مجاهر، قسم الفيزياء/ كلية العلوم/ جامعة بغداد، ٢٠٠٢.

المهارات والخبرات

- تصنيع وتحضير الجسيمات النانوية التي تستخدم في التحسس البايويوجي، علوم النانو و النانو تكنولوجيا، الدراسات التي تشمل الفلورة واطياف رامان ومجهر القوة الذرية، فيزياء البصريات والليزر.
- مساعد باحث في قسم الفيزياء ، كلية العلوم ، جامعة تكساس اي اند ام الامريكية للفصل الدراسي الصيفي والخريفي من عام ٢٠١٦ و الفصل الدراسي الربيعي لعام ٢٠١٧ و ٢٠١٨.
- تدريسية في قسم الفيزياء ، كلية العلوم ، جامعة ذي قار ٢٠٠٦- ٢٠١٢، ٢٠١٨- الى الوقت الحالي.

- محاضر خارجي في قسم الطب الحيائي / كلية الهندسة/ جامعة ذي قار للكورس الثاني ٢٠١٩.
مقررة الدراسات العليا في قسم الفيزياء/ كلية العلوم/ جامعة ذي قار(نيسان ٢٠١٩- أذار ٢٠٢٠)

التكريم والجوائز

- Recipient of Iraqi Scholarship (HCED).....2010.
- Basic/ Intermediate Professional Development Certificate (G.R.A.D Aggies), May, 2017.
- CIRTLL Associate-Fellow of the Academy for Future Faculty (AFF), April 2018.
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- Best Presentation Award, 4th Scientific Conference of College of Science, University of Thi- Qar (4th SCUTQ).
- Best Image Award, 4th Scientific Conference of College of Science, University of Thi- Qar (4th SCUTQ).

العروض البحثية والمؤتمرات

- “RBCs Ghost Loaded with Fluorescent Markers”. Ansam J. Talib, Alexei V. Sokolov, Philp Hemmer. Poster presentation, 4th SCUTQ- 2019, Thi- Qar, Iraq.....2019.
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Fall 2014 Joint Meeting of the Texas Section of the APS, Texas Section of the AAPT, and Zone 13 of the Society of Physics Students.

البحوث المنشورة

- Fluorescence imaging of stained red blood cells with simultaneous resonance Raman photostability analysis.

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أنسام جميل طالب (Ansam Jameel Talib) Journal of Thi-Qar University No.2
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