CURRICULUM VITAE

جامعة الأزهر
Al-Azhar University-Gaza



Jamil K.J.Salem

Last Update:28/02/2016

PERSONAL DETAILS

Date Of Birth	15/6/1960	**Place Of Birth**	Gaza
Nationality	Palestinian		
Martial Status	Married	**Gender**	Male
Designation	Gaza, Gaza-Strip		
Department	Chemistry		
Faculty	Science		
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ACADEMIC QUALIFICATIONS

(YEAR ,QUALIFICATION ,INSTITUTION ,TITLE)

1999 Doctoral Degree, PHD,Aligarh University (India)

1986 Master Degree, MSC,Middle East Technical University (Turkey)

1984 Bachelor Degree, BSC,Middle East Technical University (Turkey)

CAREER HISTORY

(START DATE - END DATE, EMPLOYMENT ,ORGANIZATION)

2011 ,	Professor in Chemistry ,Al-Azhar University–Gaza.
2005 ,2011	Assoc. Professor in Chemistry ,Al-Azhar University–Gaza.
1999 ,2005	Assist. Professor in Chemistry ,Al-Azhar University–Gaza.
1991 ,1998	Lecturer in Chemistry ,Al-Azhar University–Gaza.

ADMINISTRATIVE DUTIES

(START_DATE - END_DATE , ROLE ,LEVEL)

2006 ,2007	Vice Dean of Faculty of Science ,Faculty
2009 ,2011	Head of Chemistry Dept ,Department

SELECTED PUBLICATIONS

- (Book \ Chapter in Book)

1. Sami Almoqayyad, Jamil Salem, Talat Hammad (2013) . ZnO Nanoparticles: Synthesis,Growth, Lambert Academic Publishing GmbH KG, Germany
2. Talaat M. Hammad, Jamil K. Salem and Roger G. Harrison (2011) . doped ZnO nanoparticles,: synthesis and characterization, Advances in Nanotechnology Research and Application,, USA

- Article in Academic Journal

1. Issa M. El-Nahaal,Jamil K. Salem, Sylvia Kuhn , Talaat M. Hammad, Rolf Hempelmann (2016) . Synthesis & characterization of silica coated and functionalized silica coated zinc oxide nanomaterials ,Powder Technology,87(01)() ,439–446. (SCOUPS Cited Publication)
2. Talaat M. Hammad, Jamil K. Salem, S. Kuhn, Nadia M. Abu Shanab, R. Hempelmann (2016) . Influence of pluronic P123 in modifying the morphological and optical properties of PbS nanocomposite,J Mater Sci: Mater Electron,16() ,1-8. (ISI Cited Publication)
3. Jamil K. Salema, Issa M. El-Nahhal, Talaat M. Hammad, Sylvia Kuhn,Somaya Abu Sharekh, Mohamad El-Askalani, Rolf Hempelmannb (2015) . Optical and fluorescence properties of MgO nanoparticles in micellarsolution of hydroxyethyl laurdimonium chloride,Chemical Physics Letters,636() ,,26–30. (SCOUPS Cited Publication)
4. Jared M. Hancock, William M. Rankin, Talaat M. Hamad, Jamil S. Salem, Karine Chesnel and Roger G. Harrison (2015) . Optical and Magnetic Properties of ZnO Nanoparticles Doped with Co, No and Mn and synthesized at Low Temperature,Journal of Nanoscience and Nanotechnology,15(05) ,3809-3815. (ISI Cited Publication)
5. Talaat M. Hammad, Jamil K. Salem, Nadia Abu Shanab, S. Kuhn, R. Hempelmann (2015) . Synthesis, optical and surface morphological properties of polyethylene glycol capped lead sulphide nanoparticles,J Mater Sci: Mater Electron,26() ,8478-8483. (ISI Cited Publication)
6. Talaat M. Hammad, Jamil K. Salem, Nadia Abu Shanab, S. Kuhn, R. Hempelmann (2015) . Surface Morphological and Optical Properties of PVA Passivated PbS Nanoparticles,Journal of Luminescence,157() ,88–92. (ISI Cited Publication)
7. Talaat M. Hammad, Jamil K. Salem, S. Kuhn, Mohammed Abu Draaz, R. Hempelmann, Fawzi S. Kodeh (2015) . Optical properties of Cu2+ and Fe2+ doped ZnS semiconductor nanoparticles synthesized by co-precipitation method,,J Mater Sci: Mater Electron,26() ,5495- 5501. (ISI Cited Publication)
8. Jamil K. Salem ,Talaat M. Hammad, S. Kuhn, Issan Nahal, Mohammed Abu Draaz, Naser K. Hejazy, R. Hempelmann (2014) . Luminescence properties of Mn and Ni doped ZnS nanoparticles synthesized by capping agent,J Mater Sci: Mater Electron,25() ,5188–5194. (ISI Cited Publication)
9. Jamil K. Salem, Talaat M. Hammad, Mohammed Abu Draaz, S. Kuhn, R. Hempelmann (2014) . Structural, optical and photoluminescence of Co doped alkyl hydroxyl ethyl dimethyl ammonium chloride capped ZnS nanoparticles,,J Mater Sci: Mater Electron,25() ,2177-2182. (ISI Cited Publication)
10. Talaat. M . Hammad , Jamil. K . Salem, Roger G. Harrison, Rolf. Hempelmann, Nasser K. Hejazy (2013) . Optical and magnetic properties of Cu-doped ZnO nanoparticles,J Mater Sci: Mater Electron,24() ,2846–2852. (ISI Cited Publication)
11. Talaat M. Hammad, Jamil K. Salem and Roger G. Harrison (2013) . Structure, Optical properties and synthesis of Co-doped ZnO Superstructures,Applied Nanoscience,3() ,133-139. (ISI Cited Publication)
12. T. M . Hammad , S. Griesing, M. Wotocek, S. Kuhn, R. Hempelmann, U. Hartmann, J. K . Salem (2013) . Optical and magnetic properties of Fe-doped ZnO nanoparticles prepared by the sol- gel method,Int. J. Nanoparticles,6() ,324-336. (ISI Cited Publication)
13. T. M . Hammad , S. Griesing, M. Wotocek, S. Kuhn, R. Hempelmann, U. Hartmann, J. K . Salem (2012) . Improvements of the optical and magnetic properties of Mn-doped ZnO nanoparticles prepared by the sol- gel method,Applied Nanoscience,3(2) ,153-159. (SCOUPS Cited Publication)
14. Jamil K. Salem. Talaat M. Hammad, Roger G. Harrison (2012) . Synthesis, structural and optical properties of Ni-doped ZnO micro-spheres,J Mater Sci: Mater Electron,24() ,1670-1676. (SCOUPS Cited Publication)
15. Jamil K. Salem (2011) . Cadmium dopant induced morphology and optical changes in ZnO nanostructure ,Mater. Sci : An Indian Journal,7() ,227-232. (ISI Cited Publication)
16. Talaat M. hammad, Jamil K. Salem (2011) . Synthesis and characterization of Mg-doped ZnO hollow spheres,J. Nanopar. Res,13() ,2205. (SCOUPS Cited Publication)

17 Talaat M. Hammad, Jamil K. Salem and Roger G. Harrison (2010) . Scientists at Brigham Young University detail research in nanotechnology,Journal of Technology and Science,() ,. (SCOUPS Cited Publication)

18 Talaat M. Hammad, Jamil K. Salem and Roger G. Harrison (2010) . The influence of annealing temperature on the structure, morphologies and optical properties of ZnO nanoparticles,Superlattices and Microstructures,Superlattices and Microstructures,47() ,335-340. (SCOUPS Cited Publication)

19 Talaat M. Hammad, Jamil K. Salem and Roger G. Harrison (2010) . Microstructures: New findings from Al-Azhar University describe advances in microstructures,Nanotechnology Weekly,() ,. (SCOUPS Cited Publication)

20 Jamil K. Salem, Talaat M. Hammad (2009) . The effect of surfactants on the particle size and optical properties of precipitated ZnO nanoparticles,Journal of Materials Science and Engineering,3() ,38. (SCOUPS Cited Publication)

21 Talaat M. Hammad, Jamil K. Salem, Roger G. Harrison (2009) . Synthesis, characterization, and optical properties of Y-doped ZnO nanoparticles,NANO,225() ,225. (SCOUPS Cited Publication)

22 Jamil K. Salem, Talaat M. Hammad, Roger G. Harrison (2009) . ZnO nanoparticles prepared in the presence of additives by thermal decomposition method,International Journal of Nanoscience,8() ,465. (SCOUPS Cited Publication)

23 Talaat M. Hammad, Jamil K. Salem and Roger G. Harrison (2009) . Binding agent affect on the structural and optical properties of ZnO nanoparticles,Rev. Adv. Mater. Sci.,22() ,74-80. (SCOUPS Cited Publication)

24 Jamil K.J Salem, Hassan Tamous and Fawzi Qudeh. (2007) . Decomposition of monochloramines of amino acids from water by surfactant Micelles ,Dispersion Sci.Technol,1() ,28. (ISI Cited Publication)

25 Jamil K.J Salem (2006) . Kinetics of the oxidation of phenylhydrazine by hexacyanofferate in water-in-oil microemulsions,Dispersion Sci. Technol,6() ,27. (ISI Cited Publication)

26 Shehata M.Zourab,Essam M.Ezzo,Hisham El-Aila and Jamil K.J.Salem (2005) . Study of the kinetics of oxidation of amines by potassium ferricyanide in presence of N,N-dimethyldodecylamine N-oxide,J. Surfactants. and Detergents,8() ,83. (ISI Cited Publication)

27 Jamil K.J.Salem (2004) . Sodium dodecylsulfate and sodium sulfate effects on the oxidation of N,N-dimethylaniline by hexacyanoferrate(III), ,J. Al Azhar Univ.,1() ,7. (ISI Cited Publication)

28 . Jamil K.J.Salem, Omar Melad ,Rajai Baraka Dispersion Sci. Technol., 25,755 (2004) (2004) . Interaction between sodium poly(styrene sulfonate) and Triton x-100 in aqueous solution,Dispersion Sci. Technol,25() ,755. (ISI Cited Publication)

29 Jamil K.J .Salem (2004) . Interactions between nitrophenylhydrazinium chloride and surfactants in aqueous solutions,Asian J. Chem.,16() ,1353. (ISI Cited Publication)

30 Jamil K.J. Salem and H.J.Y.El-Aila (2003) . Micellar and salt effects upon the oxidation of N, N-dimethylaniline by hexacyanoferrate (III),React. Kinet. Catal. Lett,80() ,105. (ISI Cited Publication)

31 Omar melad, Rajai Baraka , Jamil K.J.Salem, Hani Hilles and Awni El-Khazandar (2003) . Viscometric study of poly(methyl methacrylate) and polystyrene blends in different solvents,Chinese J. Polym. Sci.,15() ,21. (ISI Cited Publication)

32 Hisham J.Y.El-Aila and Jamil K.J.Salem (2003) . Micellar and salt effects upon the oxidation of cysteine by hexacyanoferrate(III), ,Tenside Surf. Det,40() ,162. (ISI Cited Publication)

33 Shehata M.Zourab,Essam M.Ezzo,Hisham El-Aila and Jamil K.J.Salem (2003) . Oxidation of amines by potassiun ferricyanide in AOT surfactant systems,Dispersion Sci. Technol,24() ,67. (ISI Cited Publication)

34 Hisham J.Y.El-Aila and Jamil K.J.Salem (2003) . Micellar catalytic effect of Triton-x-100 on the oxidation of N,N-di- methylaniline by hexacyanoferrate (III),J. Al-Aqsa Univ-Gaza.,7() ,99. (ISI Cited Publication)

35 Omar Melad , Rajai Baraka and Jamil K.J.Salem (2003) . Effect of variations of temperature on the compatibility of poly (methyl methacrylate)/ polyvinyl chloride in THF ternary system.,Asian J. Chem.,15() ,765. (ISI Cited Publication)

36 J.K.J Salem, R.M. Baraka, T.M.Haboush and A.A.S.Elkhaldy (2002) . Effects of anionic micelles on the oxidation of phenylhydrazine by hexacyanoferrate (III) in aqueous urea solutions,Tenside Surf.Det.,2() ,39. (ISI Cited Publication)

37 Rajai Baraka , Jamil K.J.Salem, Hani Hilles and Omar Melad, Chinese (2002) . Studies on the effect of urea on the compatibility of PMMA/PVC mixtures in DMF by a dilute-solution viscometry method,Chinese J. Polym. Sci.,20() ,467. (ISI Cited Publication)

38 R.M. Baraka, T.M.Haboush , A.A.S.Elkhaldy and Jamil K.J. Salem (2002) . Effects of surfactant and urea addition on the oxidation of phenylhydrazinium chloride by hexacyanoferrate (III),Colloids Surf .,20() ,181. (ISI Cited Publication)

39 Kabir-ud-Din, Jamil K.J. Salem, Sanjeev Kumar and Zaheer khan. (2001) . Micelle – catalyzed interaction- between glycine and ninhydrin with and without added salts,Indian J. Chem.,40B() ,1196. (ISI Cited Publication)

40 Kabir-ud-Din, Jamil K.J. Salem, Sanjeev Kumar and Zaheer khan (2000) . Effect of cationic surfactants on the addition-elimination type interaction between aspartic acid and ninhydrin ,Colloids Surf .,168() ,241. (ISI Cited Publication)

41 Kabir-ud-Din, Jamil K.J. Salem, Sanjeev Kumar and Zaheer Khan (2000) . Micellar and salt effects on the Ruhemanns purple formation between L-lysine and ninhydrin,Indian J . Chem .,39A() ,1019. (ISI Cited Publication)

42 . Kabir-ud-Din, Jamil K.J. Salem, Sanjeev Kumar Md.Z.A.Rafiquee and Zaheer Khan (1999) . Effect of cationic micelles on the kinetics of Interaction ninhydrin with L-leucine and L-phenylalanine,J.Colloid Interface Sci.,20() ,213. (ISI Cited Publication)

43 Kabir-ud-Din, Jamil K.J. Salem, Sanjeev Kumar and Zaheer Khan (1999) . The micelle-induced interaction between ninhydrin and tryptophan,J.Colloid Interface Sci.,9() ,215. (ISI Cited Publication)

- Proceedings

1 Jared M. Hacock, William M. Rankin, Talaat M. Hammad, Jamil K. Salem, Roger G. Harrison (2012) . Transition metal doped ZnO nanoparticles and their optical and magnetic properties,243th ACS National Meeting,San Diego, California,USA,. (ISI Cited Publication)

2 Talaat M. Hammad, Jamil K. Salem and Roger G. Harrison (2009) . Structural changes to ZnO nanoparticles due to metal doping,237 th ACS National Meeting,Salt Lake, USA,March 22-26,. (ISI Cited Publication)

AWARDS AND RECOGNITIONS

(YEAR ,NAME ,INSTITUTION,LEVEL)

2008 ,Fulbright Scholarship ,Brigham Young University ,International

SUPERVISION

(DEGREE ,CANDIDATES ,THESIS ,SESSION ,YEAR)

Completed

* Master , ,Functionalized amine mesoporous silica SBA-15 supporting metal oxides nanoparticles:synthesis and characterization ,2015 ,
* Master , ,synthesis ,optical properties and application of transition metals doped and undoped MgO nanoparticles ,2015 ,
* Master , ,Silica and mesoporous coated metal oxides nanoparticles:synthesis ,characterization and application ,2015 ,
* Master , ,Synthesis and characterization of nanosized metal oxides. Al- Azhar university ,2013 ,
* Master , ,Optical studies on transition metal doped ZnS nanoparticles, Al- Azhar University ,2114 ,
* Master , ,Study of synthesis and growth of ZnO nanoparticles, Al-Azhar University ,2009 ,
* Master , ,Decomposition of N-chloramines in surfactant solution, Al-Azhar University ,2006 ,
* Master , ,Reactions in micellar systems, Al- Azhar university . ,2004 ,

TEACHING

(LEVEL ,COURSE)

First Degree

* General Chemistry, Physical Chemistry (1), Chemical kinetics
* Catalysis
* Physical Chemistry (2)

Post Graduate

* advanced physical chemistry