CURRICULUM VITAE

Dr. Azhar Iqbal

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Google Citation report:
http://scholar.google.com.sg/citations?hl=en&user=v8yVFJoAAAAJ&view_op=list_works&gmla=AJs

Awards and Achievements

- Post-doctoral Fellowship Award - Nanyang Technological University, **Singapore**.
- Sweden Crafoordska Stiftelsen Post-doctoral Fellowship Award - Lund University, **Sweden**.
- Best Poster prize at the CoCoChem (Coherent Control Chemistry) summer school symposium held in University College London, **United Kingdom**.
- Best Poster prize in the annual symposium of the Department of Chemistry, University of Warwick, **United Kingdom**.
- EPSRC Doctoral Fellowship Award for PhD study in University of Warwick, **United Kingdom**.
- 1st. position in the SSC examination. Recipient of merit scholarships during BSc and MPhil Studies.

Education

- PhD Chemistry, University of Warwick, United Kingdom (2010).
- MPhil (Physical Chemistry), Quaid-i-Azam University, Islamabad, Pakistan, (2005)
- MSc (Chemistry/Physical), Quaid-i-Azam University, Islamabad, Pakistan, (2003)
- BSc (Chemistry, Physics & Mathematics), University of Punjab, Pakistan, (2000)

Work Experience

- Feb. 2013 - present: Assistant Professor of Chemistry, Quaid-i-Azam University, Islamabad, Pakistan.
- Jul. 2016 - Dec. 2017: Post-doctoral research fellow, School of Physical and Mathematical Sciences, Nanyang Technological University, Singapore.
- Nov. 2010 – Jan. 2013 Post-doctoral research fellow, Department of Chemical Physics, Lund University, Sweden.
- Aug. 2005 – Oct. 2006 Research engineer, School of polymer materials and plastic engineering, Technical University of Clausthal, Germany.
- Nov. 2006 – Jul. 2007 Research engineer, School of production technology, University of Applied Sciences Zwickau, Germany.

Expertise and Skills

- Semiconductor solar cells characterization,
- Femtosecond Time-resolved XUV Absorption Technique,
- Femtosecond Time-resolved Transient Absorption Technique,
- Time-resolved Fluorescence (Streak-camera and Time correlated Single Photon Counting (TCSPC)),
- Femtosecond Time-resolved Spectroscopy in gas-phase,
- Velocity Map Ion Imaging (VMI),
- Molecular Beam Machine and Pulsed Valves (Even-Lavie Valve),
- Nonlinear Harmonic Mixing Methods,
- Ultra High Vacuum (UHV) Technique,
- Polymers Processing Using Injection Moulding and Extrusion Machines,
- Dynamic Mechanical Analysis (DMA),
- Thermogravimetric Analysis (TGA).

Current Research Interests

- Femtosecond and picosecond studies of charge carriers dynamics using time-resolved fluorescence and transient absorption spectroscopies in semiconductor nanowires and quantum dots.
- Mechanisms of charge/energy transfer processes in quantum-dot-sensitized solar cells and fluorophore-photochrome systems.
- Synthesis and electro-optical characterization of inorganic & organic semiconductors, with particular focus on photovoltaics and light emitting diodes.
- Photochemistry and photophysics of bio-molecules.

According to Google Scholar:

Citation indices	**All**	**Since 2014**
Citations	505	328
h-index	13	11
i10-index	15	13

Professional Development Courses/Certificates

- Laser Chemistry and Reactions Dynamics
- Basic LabVIEW
- Advanced Chemical Kinetics Fitting Tools

Computer and Software Skills

- Mathematica, DataView, LabView-8 Basics, MATLAB, Microsoft Office, Excel, Origin, ChemDraw, Chemwind, Chemaxon,

Languages

- English: Fluent
- Urdu: Fluent
- Punjabi: Fluent
- German: Basic level
- Swedish: Basic level

Research Grants

Sr. No.	Project Title	Principal / Co-Principal Investigator	Amount (Million)	Sponsoring Agency	Duration
7.	Towards a Novel and Cost Effective Approach to Fabricate Efficient Perovskite Nanocrystals-Graphene Solar Cells.	PI	3.3 Million PKR	HEC	2018-2020 Three years
6.	A Cost Effective Approach to Design Efficient Perovskite-Graphene Photovoltaics	PI	0.07 Million PKR	QAU	2018-2019 One year
5.	Synthesis and charge carriers dynamics in quantum-dot-sensitized semiconductor nanowires for solar cell devices	PI	11.4 million PKR	HEC	2015-2018 Three years
4.	Polymers/Semiconductors Nanostructured Hybrid Photovoltaic Devices.	PI	0.1 Million PKR	QAU	2017-2018 One year (completed)
3.	Investigation of Semi-conductor Quantum-dots to make Low Cost Efficient Solar cells	PI	0.06 million PKR	QAU	2015 One year (completed)
2.	To investigate semiconductor nano-structure materials for the fabrication of efficient solar cell devices	PI	0.5 million PKR	HEC	2013-2014 One year (completed)
1.	Investigation of InP Nanowires for their Potential Use in Solar Cells	PI	25,000 PKR	QAU	2014 One year (completed)

Students Supervision

- Number of currently enrolled PhD students under my supervision: 5
- Number of currently enrolled M.Phil students under my supervision: 4

List of graduated/passed PhD students under my supervision

S. No	Student's Name	Thesis title	Year of graduation
2.	Shomaila Saeed	Charge Transfer Dynamics in Interfacially Engineered Metal Chalcogenide/Oxide Quantum Dots for Photoresponsive Devices	2019
1.	Nasreen Bibi	Synthesis of Nanostructured Metal Oxides and Sulfides for High Performance Energy Devices	2019

List of graduated/passed M. Phil students under my supervision

S.No	Student's Name	Thesis title	Year of graduation
17.	Saima Bibi	Synthesis and Time-Resolved Fluorescence Studies of CsPbBr3 Perovskite Nanocrystals	2019
16.	Muhammad Adnan Khalid	Effect of Surface Ligands on the Fluorescence Quantum Yield and the Lifetime of CdTe Quantum Dots	2018
15.	Muhammad Masab	Synthesis of doped CdZnS QDs via different capping agents and study of their Optical properties.	2017

14.	Azhar Iqbal	Synthesis of Doped Core (ZnSe) – Shell (ZnS)Quantum Dots and their Optical Studies.	2017
13.	Madiha Khalil	Time-Resolved Fluorescence study of Cesium based Lead Halide Perovskite Materials.	2017
12.	Saira Fayyaz	Fabrication of Photo-switchable Quantum Dots and Their Time-resolved Photoluminescence.	2017
11.	Muhammad Sohail	Synthesis and Fabrication of Polymer-Nanowires Hybrid Solar Cell.	2016
10.	Uzma Niazi	Fluorescence Modulation of CdSe Quantum Dots 4,4′-Bipyridinium Dication.	2016
9.	Tayyba Kokab	Synthesis of Quaternary Metal Chalcogenides Cu_2MSnS_4 (M=Co, Fe, Ni, Sr, Zn) Nanocrystals, Fluorescence Quenching of ZnO Nanoparticles and Their Application in Solar Cells.	2016
8.	Ali Riza	CdS Quantum Dots Sensitized SnO_2 Nanowires Solar Cells.	2016
7.	Muhammad Ramzan	Synthesis of CuS Quantum Dots: Effect of α-Alanine on their sizes and their applications in solar cell.	2016
6.	Qurat ul Ain	Synthesis and Electro-optical Investigation of Doped Cadmium Oxide Nanostructured Materials.	2015
5.	Mahmood Ul Haq	Synthesis of Doped CuO Nanostructures for Application in Solar Cells and Photocatalysis.	2015
4.	Hina Javed	Synthesis of CdS Nanostructures: Fluorescence Modulation of CdS Quantum Dots by Azobenzene Photochromic Switches.	2015
3.	Muhammad Umer	Synthesis and Opto-electronic Studies of InP Nanostructured Materials.	2015
2.	Muhammad Aurangzeb Gul Sial	Synthesis of Tin Sulphide and Tin Oxide Nanostructures and their Fluorescence Dynamics.	2015
1.	Sobia Dilpazir	Synthesis and Electro-optical Study of Zinc Sulphide Nanomaterials for Their Potential Use in Solar Cells.	2014

Additional Duties and Services

- Serving as member of MPhil and PhD admission committees of the Department of Chemistry.
- In-charge XRD Lab in the department of chemistry.
- Member, Board of Advanced Studies of the Department of chemistry, Quaid-i-Azam University.

Conferences

20. Iqbal, A,; Yantara, N,.; Bruno, A.; Mathews, N.; Soci, C. Designing ultrafast energy transfer kinetics in Ruddlesden-Popper perovskites. Ultrafast Photoinduced Energy and Charge Transfer Faraday Discussion, 8-10 April, Four Points by Sheraton, Ventura, California, United States of America, **2019**, ***Abstract accepted***. *(Poster)*
19. Iqbal, A. Iqbal, A. Towards probing ultrafast energy/charge transfer kinetics in Ruddlesden-Popper perovskites and semiconductor II-VI QDs attached photochromic devices. International workshop on hybrid perovskite photovoltaic and optoelectronic devices, 8-10 October, NCP Islamabad, Pakistan **2018**. *(Invited Talk)*
18. Iqbal, A. ICON – 2DMAT 2017. The 3rd International Conference on 2D materials and Technology Singapore 11 – 14 December **2017**, Singapore. *(Participated)*

17. Iqbal, A. Femtochemistry: Probing Ultrafast Photo-induced Processes in Bio-molecules and Semiconductor Nano-materials. Istitute of Space Technology, 03 December, **2016**. *(Invited Talk)*
16. Iqbal, A. Time-resolved Spectroscopy: A Powerful Tool to Understand Ultrafast Photo-induced Processes in Bio-molecules and Semiconductor Nano-materials. National University of Science and Technology, 29 December, **2016**. *(Invited Talk)*
15. Iqbal, A. Time-resolved Fluorescence of Semiconductor Quantum Dots and Nanowires Based Devices. AIOU Islamabad, Pakistan, 24-25 November, **2016**. *(Invited Talk)*
14. Iqbal A. Dynamics of Photo-injected Charge Carriers in Semiconductor Nanostructured Materials. PINSTECH, Pakistan, 27 October, **2016**. *(Invited Talk)*
13. Iqbal, A. Enlightening Chemistry by Light. Recent Trends in Chemistry, AIOU, Islamabad, Pakistan, 10 October **2015**. *(Invited Talk)*
12. Iqbal, A. Time-resolved Spectroscopy of Bio-molecules and Semiconductor nanowires. Celebrating Light, IYL-**2015**. National Centre for Physics, QAU Campus, Islamabad, Pakistan, 3 February **2015**. *(Invited Talk)*
11. Iqbal, A. and Yartsev, A. Effects of Doping and Surface Modification on Charge Carriers Dynamics in As-grown InP Nanowire ensembles. Nm@LU Annual Meeting, Department of Solid State Physics Lund University, Sweden, 3rd October **2012**. (*Poster)*
10. Iqbal, A. and Yartsev, A. Charge Carriers Dynamics in As-grown S-doped Wurtzite InP Nanowires Ensembles. Nm@LU Annual Meeting, Department of Solid State Physics Lund University, Sweden, 3rd October **2012**. (*Poster)*
9. Iqbal, A. Time-resolved spectroscopy of as-grown core (InP) – shell (GaP) nanowires. 10th Nordic Femtochemistry Conference, Skåne, Sweden, May and June **2012**. (Oral *Talk)*
8. Iqbal, A.; and Yartsev, A. Charge carrier dynamics in semiconductor nano-wires. Nm@LU Annual Meeting, Department of Solid State Physics Lund University, Sweden, 27th September **2011**. *(Poster)*
7. Iqbal, A. Towards understanding the photochemistry of tyrosine. Annual Symposium of Department of Chemistry, University of Warwick, United Kingdom, 18th June **2010**. *(Talk)*
6. Iqbal, A. Ultrafast H-atom elimination from photoexcited tyrosine molecules driven through $^1\pi\sigma^*$ states. Midland Universities Gas-phase Dynamics Group Meeting, University of Leicester, United Kingdom, April **2010**. *(Oral Talk)*
5. Iqbal, A. Ultrafast H-atom elimination from photoexcited biomolecules driven through $^1\pi\sigma^*$ states. Midland Universities Gas-phase Dynamics Group Meeting, University of Nottingham, United Kingdom, April **2009**. *(Oral Talk)*
4. Iqbal, A.; Stavros, V, G. Unravelling the pathways for H-atom elimination from photoexcited phenol molecules. American Chemical Society National Meeting, Washington DC, United States of America, August, **2009**. *(Poster)*
3. Iqbal, A.; Stavros, V. G. Unravelling the pathways for H-atom elimination from photoexcited phenol molecules. CoCoChem (Coherent Control of Chemistry) summer school symposium, United Kingdom, April **2009**. *(Poster)*
2. Wells, K.; Iqbal, A.; Stavros, V. G. Ultrafast dynamics of N-H and O-H bond dissociation in biomolecules. SDG (Spectroscopy and dynamics group) annual meeting University of East Anglia, Norwich, UK, December **2007**, *(Poster)*
1. Iqbal, A. 5th National and 15th International Chemistry Conference, Department of Chemistry, Quaid-I-Azam University, Islamabad, Pakistan, December **2004**. *(Participated)*

Publications

38. Bibi, N.; Hussain, M. Z.; Hussain, S.; Ahmad, I.; Ahmed, S.; Zhang, S.; **Iqbal, A*.** Excellent Electrochemical Performance of $SrZrO_3$ Nanorods as Supercapacitor Electrode in Aqueous Electrolytes *Submitted*, **2019**.
37. Bibi, N.; Ahmad, I.; Ashiq, M. N.; Ahmed, A.; Zhang, S.; **Iqbal, A***. A Novel Binder Free High Performance Supercapacitor Electrode of $Y_2Zr_2O_7$/MnS Nanocomposite. *Submitted*, **2019**.
36. Amir, M; Hattice, D.; Katrin, K.; Iqbal, A.; Yameen, B. Engineering of All-Inorganic Perovskites Nanocrystals with Different Dimensionalities and Life Time Measurements. *Submitted*, **2019**.
35. Kokab, T.; Iqbal, A*. Doped Quaternary Metal Chalcogenides Cu2ZnSnS4 Nanocrystals as Efficient Light Harvesters for Solar Cell Devices. *Submitted*, 2019.
34. Saeed, S.; Yin, J.; Khalid, M.A.; Channar, P.A.; Shabir, G.; Saeed, A.; Nadeem, M.A.; Cesare, C.; **Iqbal, A***. Photoresponsive Azobenzene Ligand as an Efficient Electron Acceptor for Luminous CdTe Quantum Dots. *J. Photochem. Photobiol. A: Chem.* **2019**, 375, 48-53. **(IF = 2.891)**
33. Bibi, N.; Xia, Y.; Iqbal, A.; Shabbir, S.; Ahmed, A.; Zhu, Y.; Zhang, S.; **Iqbal, A***. Mesoporous $Ce_2Zr_2O_7$/PbS N anocomposite with an Excellent Supercapacitor Electrode Performance and Cyclic Stability. *ChemistrySelect*, **2019**, *4*, 655-661. **(IF = 1.505)**
32. Saeed, S.; Channar, P.A.; F. A. Larik,; Saeed, A.; Nadeem, M.A.; **Iqbal, A***. Charge/energy transfer dynamics in CuO quantum dots attached to photoresponsive azobenzene ligand. *J. Photochem. Photobiol. A: Chem*. **2019**, *371*, 44-49. **(IF = 2.891)**
31. Hussain, E.; Majeed, I.; Nadeem, M. A.; **Iqbal, A.**; Chen, Y.; Choucair, M.; Jin, R.; Nadeem, M. A. Remarkable effect of BaO on photocatalytic H_2 evolution from water splitting via TiO_2 (P25) supported palladium nanoparticles. *J. Environ. Chem. Eng*. **2019**, 7, 1-9. **(IF = Awaiting)**
30. Bibi, N.; Xia, Y.; Safeer, A.; Zhu, Y.; Zhang, S.; **Iqbal, A***. Highly stable mesoporous CeO_2/CeS_2 nanocomposite as electrode material with improved supercapacitor electrochemical performance. *Ceram. Int*. **2018**, *44*, 22262-22270. **(IF = 3.057)**
29. Yantara, N.; Bruno, A.; **Iqbal, A**.; Jamaludin, N.F.; Soci, C.; Mhaisalkar, S.; Mathews, N*. Designing Efficient Energy Funneling Kinetics in Ruddlesden–Popper Perovskites for High-Performance Light-Emitting Diodes. *Adv. Mater*. **2018**, *30*, 1800818/1-7. **(IF = 21.95)**
28. Ibrahim, S.; Majeed, I. M.; Qian, Y.; **Iqbal, A**.; Turner, D.; Nadeem, M. A. Novel hetero-bimetallic coordination polymer as a single source of highly dispersed Cu/Ni nanoparticles for efficient photocatalytic water splitting. *Inorg. Chem. Front.* **2018**, *5*, 1816-1827. **(IF = 5.106)**
27. Sohail, M.; Shah, Z. H. S.; Saeed, S.; Bibi, N.; Shahbaz, S.; Ahmed, S.; Shabbir, S.; Siddiq, M.; **Iqbal, A***. Hole transfer from CdSe nanoparticles to TQ1 polymer in hybrid solar cell device. *J Mol. Struct.* **2018**, *1159*, 67-73. **(IF = 2.011)**
26. Salman, M. S.; Riaz, A.; **Iqbal, A**.; Zulfiqar, S.; Sarwar, M. I.; Shabbir, S. Design and fabrication of covalently linked PEGylated nanohybrids of ZnO quantum dots with preserved and tunable fluorescence. *Mater. Des*. **2017**, *131*, 156-166. **(IF = 4.535)**
25. Sial, M. A. Z. G.; Iqbal, M.; Siddique, Z.; Nadeem, M.A.; Ishaq, M.; **Iqbal, A***. Synthesis and time-resolved photoluminescence of SnO_2 nanorods. *J Mol. Struct*. **2017**, *1144*, 355-359. **(IF = 2.011)**

24. Aamir, M. ; Shah, ZH.; Sher, M.; **Iqbal, A.**; Revaprasadu, N.; Malik, MA.; Akhtar, J. Enahanced Photocatalytic Activity of Water Stable Hydroxyl Ammonium Lead Halide Perovskites. *Mater. Sci. Semicond. Process*. **2017**, *63*, 6-11. **(IF = 2.593)**
23. Iqbal, M.; Thebo, A. A.; Shah, A. H.; **Iqbal, A*.;** Thebo, K. H.;Phulpoto, S.; Mohsin, M. A. Influence of Mn-doping on the Photocatalytic and Solar Cell Efficiency of CuO Nanowires. *Inorg. Chem. comm.* **2017**, *76*, 71-76. **(IF = 1.810)**
22. Haq, M.; Iqbal, M.; Sial, M. A. Z. G. S.; Shabbir, S.; Siddiq, M. **Iqbal, A***. Effect of Fe Doping on the crystallinity of CuO Nanotubes and Efficiency of the Hybrid Solar Cell. *J. Photochem. Photobiol. A: Chem*. **2017**, *335*, 112-118. **(IF = 2.891)**
21. Majeed, I.; Nadeem, M.A.; Hussain, E.; Waterhouse, G.I.N.; Badshah, A.; **Iqbal, A**.; Nadeem, M.A.; Idris H. On the Synergism between Cu and Ni for Photocatalytic Hydrogen Production and their Potential as Substitutes of Noble Metals. *ChemCatChem*, **2016**, *8*, 1-11. **(IF = 4.674)**
20. Khan, A.; Rehman, Z.; Khan, A.; **Iqbal, A**.; Wasim, A. CdS nanocapsules and nanospheres as efficient solar light-driven photocatalysts for degradation of Congo red dye. *Inorg. Chem. Comm.* **2016**, *72*, 33-41. **(IF = 1.810)**
19. Zafar, F.; **Iqbal, A***. Indium Phosphide Nanowires and their Applications in Optoelectronic Devices. *Proc. R. Soc. A*, **2016**, *472*, 20150804/1-18. **(IF = 2.410)**
18. Javed, H.; Fatima, K.; Akhter, Z.; Nadeem, M.A.; Siddiq, M.; **Iqbal, A***. Fluorescence modulation of cadmium sulfide quantum dots by azobenzene photochromic switches. *Proc. R. Soc. A*, **2016**, *472*, 20150692/1-13. **(IF = 2.410)**
17. Khan, I. A.; Ullah, S.; Nasim, F.; Choucair, M.; Nadeem, M. A.; **Iqbal, A**; Badshah, A.; Nadeem, A. N. Cr_2O_3-Carbon composite as a new support material for efficient methanol electrooxidation. *Mater. Res. Bull*. **2016**, 2016, *77*, 221-227. **(IF = 2.873)**
16. Dilpazir, S.; Siddiq, M.; **Iqbal. A*.** Synthesis of Zinc Sulphide Nanoparticles by Co-precipitation Method: Effects of Doping on Electro-optical Properties. *J. Nanotech. Nanosci*. **2015**, 1: 100105/1-10. **(IF = Awaiting)**
15. Ponseca, C. S. Jr.; Němec, H.; Mics, Z.; Wallentin, J.; Anttu, N.; Beech, J.; **Iqbal, A**.; Borgström, M. T.; Pistol, M.-E.; Samuelson, L.; Yartsev, A. Bulk-like transverse electron mobility in an array of heavily n-doped InP nanowires probed by terahertz spectroscopy. *Phys. Rev. B* **2014**, *90*, 085405. **(IF = 3.813)**
14. Mergenthaler, K.; **Iqbal, A**.; Wallentin, J.; Borgström, M. T.; Samuelson, L.; Yartsev A.; Pistol, M.-E. Large-energy-shift photon upconversion in degenerately doped InP nanowires by direct excitation into the electron gas. *Nano Res.* **2013**, 6, 752-757. **(IF = 7.994)**
13. Anttu, N.; **Iqbal, A**.; Heurlin, M.; Pistol, M.-E.; Samuelson, L.; Borgström, M. T.; Yartsev, A. Reflection measurements to reveal the absorption in nanowire arrays. *Opt. Lett.*, **2013**, 38, 1449-1451. **(IF = 3.589)**
12. **Iqbal, A***.; Beech, J. P.; Anttu, N.; Pistol, M.-E.; Samuelson, L.; Borgström, T. M.; Yartsev, A. Photoluminescence study of as-grown vertically standing wurtzite InP nanowire ensembles. *Nanotechnology* **2013**, *24*, 115706/1-8. **(IF = 3.404)**
11. **Iqbal, A**.; Stavros, V. G. Active Participation of (1)pi sigma* States in the Photodissociation of Tyrosine and Its Subunits. *J. Phys. Chem. Lett.* **2010**, *1*, 2274-2278. **(IF = 8.709)**
10. **Iqbal, A**.; Stavros, V. G. Exploring the Time Scales of H-Atom Elimination from Photoexcited Indole. *J. Phys. Chem. A* **2010**, *114*, 68-72. **(IF = 2.836)**
9. **Iqbal, A**.; Stavros, V. G. Unravelling the pathways for H-atom elimination from photoexcited phenol molecules. *Abs. Pap. Am. Chem. Soc.* **2009**, *238*, 412-PHYS. **(IF = NA)**

8. **Iqbal, A**.; Cheung, M. S. Y.; Nix, M. G. D.; Stavros, V. G. Exploring the Time-Scales of H-Atom Detachment from Photoexcited Phenol-h_6 and Phenol-d_5: Statistical vs Nonstatistical Decay. *J. Phys. Chem.* A **2009**, *113*, 8157-8164. **(IF = 2.836)**
7. **Iqbal, A**.; Pegg, L.-J.; Stavros, V. G. Direct vs. indirect hydrogen atom elimination from photoexcited phenol molecules. *J. Phys. Chem. A* **2008**, *112*, 9531-9534. **(IF = 2.836)**
6. Abdullah, S. A.; **Iqbal, A**.; Frormann, A.; Melt mixing of carbon fibres and carbon nanotubes incorporated polyurethanes. *J. Appl. Polym. Sci.* **2008**, *110*, 196-202. **(IF = 1.901)**
5. **Iqbal, A**.; Frormann, L.; Abdullah, S. A. Thermo-viscoelastic behavior of PCNF filled polypropylene nanocomposites. *J. Appl. Polym. Sci.* **2008**, *107*, 2695- 2703. **(IF = 1.901)**
4. Saleem, A.; **Iqbal, A**.; Frormann, L. Mechanical, Thermal and Electrical Resisitivity Properties of Thermoplastic Composites Filled with Carbon Fibers and Carbon Particles. *J. Polym. Res.* **2007**, *14*, 121-127. **(IF = 1.434)**
3. Saleem, A.; **Iqbal, A**.; Frormann, L. High performance thermoplastic composites: Study on the mechanical, thermal and electrical resistivity properties of carbon fibre reinforced polyetheretherketone and polyethersulphone. *Polym. Compos.* **2007**, *28*, 785-796. (**IF = 1.943)**
2. **Iqbal, A**.; Frormann, L.; Saleem, A.; Ishaq, M. The effect of filler concentration on the electrical, thermal and mechanical properties of carbon particle and carbon fibre reinforced poly (styrene-co-acrylonitrile) composites. *Polym. Compos.* **2007**, *28*, 186-197. **(IF = 1.943)**
1. **Iqbal, A**.; Ishaq, M.; Sarwar, M. I.; Formann, L. The effect of tri(n-butyl) tin(IV)-2-[3-benzoyl phenyll propionate on the degradation and stabilisation of PVC in inert and oxidative atmospheres . *Polymers & Polymer Composites* **2007**, *15*, 121-129. **(IF = 0.461)**

Accumulative Impact Factor = 115

References

1. **Dr. Vasilios. G. Stavros** (PhD Advisor)
   Professor,
   Department of Chemistry, University of Warwick, United Kingdom.
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2. **Dr. Arkady Yartsev** (Post-doctorate Advisor)
   Associate Professor,
   Department of Chemical Physics, Lund University, Sweden.
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3. **Dr. Julie V. Macpherson** (PhD Co-advisor)
   Professor,
   Department of Chemistry, University of Warwick, United Kingdom.
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4. **Dr.-Ing. Lars Frormann** (Research project advisor)
   Professor,
   Department of Production Technology, University of Applied Sciences Zwickau, Germany
   Email: lars.frormann@fh-zwickau.de, Phone: +49-375-5361721

5. **Prof. Cesare Soci** (Post-doctorate Advisor)
   Associate Professor,
   School of Physical and Mathematical Sciences, Division of Physics and Applied Physics,
   Nanyang Technological University, Singapore
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