



Faculty Name

Rasha F. Al-Bashir

Location

Shuwaikh Campus: Building 20, 2nd Floor, Office: S-61

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Education

PhD.	Chemistry, Kuwait Univ., Kuwait	2004
MSc.	Chemistry, Kuwait Univ., Kuwait	1988
BSc.	Chemistry, Kuwait Univ., Kuwait	1985

Academic Experience

2011 – Present	Assistant Professor, CTS (PAAET), Kuwait
2003 – 2011	Teaching Assistant, CTS (PAAET), Kuwait
1999 – 2003	Chemistry Lab. Teaching Assistant, Kuwait Univ., Kuwait
1990	Teaching Assistant, Kuwait Univ., Kuwait
1985 – 1988	Chemistry Lab. Teaching Assistant, Kuwait Univ., Kuwait

Non-Academic Experience

- 1991 –1999, Manager of Diagnostic, Radiopharmaceuticals and Lab Divison, Warba Medical Supply Company

Conferences

1. The 3rd Kuwait conference of chemistry (KCC 2014) "Petroleum Industry and Environment", Kuwait (9-11 March 2014).
2. The conference on ' Alternative Energy Resources, Kuwait Chemical Society, Kuwait, (14-17 April 2012).
3. The 6th International Conference on Microscale Chemistry, Kuwait Chemical Society, Kuwait, (13-15 March 2011).
4. Pyrolysis 2002 Conference, University of Leoben, Austria, (17-20 Sep.2002).
5. Amersham radiopharmaceuticals international training course, Limassol, Greece, (6-10 Nov.1995)

Publications

1. Pyrolysis of azetidinones. Part 2. Kinetic and mechanism of thermolysis of B-lactams and B-thiolactams. Nouf S. Al-Hamdan, Alya M. Al-Etaibi, **Rasha F. Al-Bashir**, Yahia A. Ibrahiem, Nouria A. Al-Awadi, and Osman M. E. El-Dusoqui. Can J Chem. Vol.94: 788-793 (2016).
2. Kinetics and Mechanism of Gas-Phase Pyrolysis of Ylides. Part 3. Thermal Reactivity of α -carbonyl- and thio carbonyl-stabilized methylene triphenyl phosphoranes. **Rasha F. Al-Bashir**, Nouria A. Al-Awadi, and Osman M. E. El-Dusoqui. J. phys. Org. Chem. 24: 311-319 (2011).
3. Kinetics and Mechanism of Gas-phase Pyrolysis of Ylides. Part 2. Analysis and Comparison of Reactivity of benzyl-stabilized triphenylphosphonium and triphenylarsonium methylides. **Rasha F. Al-Bashir**, Nouria A. Al-Awadi, and Osman M. E. El-Dusoqui. ARKIVOC. (xiii): 228-242 (2008)
4. Synthesis of novel sulfonyl-stabilized phosphorus ylides, and kinetics and mechanism of their conventional and flash vacuum pyrolysis reactions. **Rasha F.**



- Al-Bashir**, Nouria A. Al-Awadi, and Osman M. E. El-Dusoqui. Can. J. Chem. 83: 1543-1553 (2005).
5. Substituted sulfonyl-stabilized phosphorus ylides: Synthesis and gas-phase pyrolysis. **Rasha F. Al-Bashir**, Nouria A. Al-Awadi, and Osman M. E. El-Dusoqui.
10th European Symposium on Organic Reactivity, Rome, Italy, 25-30 July 2005. (Poster presentation)
T.F.Al-Azmi, H.H. Dib, R.F. Al-Bashir, N.A. Al-Awadi and O.M. H. El-Dusoqui. 13th Arabian Conference on Chemistry (Chemistry of Environment), Kuwait, 28-29 Nov. 2005. (Poster presentation)
 6. Fifteen years of Atom-efficient Green Chemistry: Non-catalyzed and catalyzed vapour - phase organic reactions.
T.F.Al-Azmi, H.H. Dib, **R.F. Al-Bashir**, N.A. Al-Awadi and O.M. H. El-Dusoqui. 13th Arabian Conference on Chemistry (Chemistry of Environment), Kuwait, 28-29 Nov. 2005. (Poster presentation)
 7. Synthesis, Kinetics and Reaction Product of Gas-Phase Pyrolysis of Phosphoranes and Related Compounds.
Rasha F. Al-Bashir, Nouria A. Al-Awadi, and Osman M. E. El-Dusoqui. Pyrolysis 2002 Conference, Leoben, Austria (17-20 Sep.2002). (Poster presentation)
 8. Gas-Phase Pyrolytic Reactions. Part 4. Arrhenius Parameters and Hammett σ° Constants in Gas-Phase Elimination of Alkyl Pyridyl-, Furyl-, and Thinenyl Carboxylate Esters. Nouria A. Al-Awadi, **Rasha F. Al-Bashir** and Osman M. E. El-Dusoqui. Tetrahedron Vol. 46, No. 8. pp: 2911-2915, 1990.
 9. Gas-Phase Pyrolytic Reactions. Part 3. Hammett ρ Constants of Gas-Phase Eliminations of Alkyl Arylcarboxylate and Ethanoate Esters and Their Correlation with Substrate Molecular Framework. Nouria A. Al-Awadi, **Rasha F. Al-Bashir** and Osman M. E. El-Dusoqui. Tetrahedron Vol. 46, No. 8. pp: 2903-2910, 1990.
 10. Gas-Phase Replacement σ° Substituent Constants of Hetroaryl Groups. Nouria A. Al-Awadi, **Rasha F. Al-Bashir** and Osman M. E. El-Dusoqui. Tetrahedron Letters, Vol. 30, No. 13. pp: 1699-1702, 1989.
 11. Gas-Phase Pyrolytic Reactions. Part 1.
Rate Data for Pyrolysis of *N*-t-Butylthioacetamide and *N*-Acetylthioacetamide: Role of Polarity of Transition State And *N*-Carbonyl Group Protophilicity. Nouria A. Al-Awadi, **Rasha F. Al-Bashir** and Osman M. E. El-Dusoqui. J. Chem. Soc. Perkin Trans. II pp: 579-581, 1989.

PAAET Scientific Training Courses Attended:

1. Talent Management at Workplace, Dec.2014.
2. Emerald Research and Publishing Pathway March 2014.
3. ART lectures Management, April 2013.
4. Devote one minute for yourself and one for others, May 2010.
5. WIDS, Jan. 2009
6. Recent Trends in Education Supervision, Dec.2008.
7. Total Quality Management in Education, April 2008
8. Academic Counseling Training, Dec.2006.





9. Scientific Research Methods, April 2006.
10. Photoshop, Nov. 2005.
11. International Computer Driving License (ICDL), March 2005, License was obtained in May 2005.
12. Microsoft Word, Dec. 2004
13. Advanced Microsoft word, April 2004

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