



yucelbar@itu.edu.tr

Room: B3-201

Lab: L2-114



Visiting Scholar (2012-2015)

University of Pennsylvania, Department of Chemistry
Philadelphia-USA



Ph.D., in Chemistry (2002-2005)

Institute of Organic and Biomolecular Chemistry,
Georg-August-Universität Göttingen

Göttingen-Germany



M.S. in Chemistry (1999-2002)

Middle East Technical University (METU)

Ankara-Türkiye



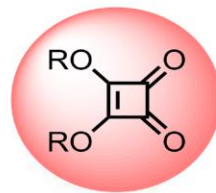
B.S. in Chemistry (1995-1999)

Middle East Technical University (METU)

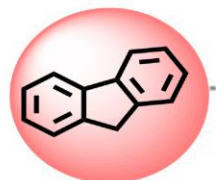
Ankara-Türkiye

ASSOC. PROF. DR. BARIŞ YÜCEL

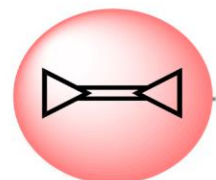
ORGANIC AND ORGANOMETALLIC CHEMISTRY



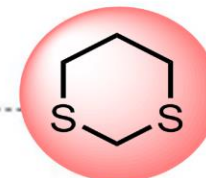
**Cyclobutenediones
Ring expansion**



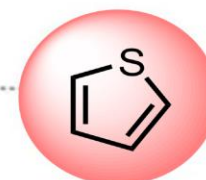
**Fluorescent Materials
OLEDs**



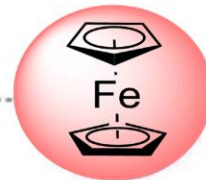
**Small Rings
Metal Catalyzed Reactions**



**Dithiane
umpolung
Synthesis of
heterocycles**



**Thiophenes
Electrochromic
polymers**



**Ferrocene Derivatives
Sensors**

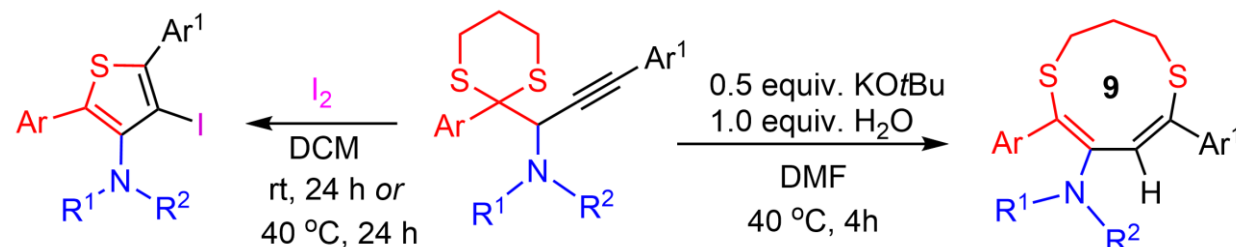




Colour-responsive fluorescent oxy radical sensors†

Baris Yuce^{1,*}, Bahar Sanli,² Huseyin Akbulut,² Suheyla Ozbey³ and Andrew C. Benniston^{4*}

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Our main research theme is the development of new synthetic methods to achieve functional organic and organometallic compounds with potential applications in a variety of fields.

On the other hand, by using known methods, we synthesize new functional molecules serving as sensors, light emitting layers for organic electronic devices and precursors for electrochromic polymers.

