

Lect. PhD KÜBRA DEMİR

Personal Information

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Education Information

Doctorate, İstanbul Technical University, Fen- Edebiyat Fakültesi, Kimya Bölümü, Turkey 2008 - 2013

Postgraduate, Universitaet Siegen, Chemie, Kimya, Germany 2004 - 2007

Undergraduate, Fatih Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Turkey 2000 - 2004

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, NEW SYNTHETIC METHODOLOGIES FOR BENZOXAZINE BASED THERMOSETS, İstanbul Medeniyet Üniversitesi, Graduate School of Natural and Applied Sciences, Kimya, 2013

Postgraduate, Synthesis of Tetrahydro- β -Carbolines via Tandem Hydroformylation / Fischer Indolization, Universitaet Siegen, Chemie, Kimya, 2007

Research Areas

Chemistry, Physical Chemistry, New Technologies in Polymer Chemistry, Polymeric Complexes, Polymeric Materials, Organic Chemistry, Photochemistry of Organics, Natural Sciences

Academic Titles / Tasks

Expert, İstanbul Medeniyet University, Faculty Of Science, Kimya Bölümü, 2012 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Synthesis of Polybenzoxazine/Clay Nanocomposites by In Situ Thermal Ring-Opening Polymerization Using Intercalated Monomer**
Demir K., Tasdelen M. A. , Uyar T., Kawaguchi A. W. , Sudo A., Endo T., Yagci Y.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.49, no.19, pp.4213-4220, 2011 (Journal Indexed in SCI)
- II. **Synthesis and characterization of a double photochromic initiator for cationic polymerization**
Kreutzer J., Demir K., Yagci Y.

Books & Book Chapters

I. **New Methods for the Preparation of Metal and Clay Thermoset Nanocomposites**

DEMİR K., Kukut M., Taşdelen M., Yağcı Y.

in: Thermoset Nanocomposites, Mittal V., Editor, Wiley-Vch, Weinheim, pp.165-188, 2013

Refereed Congress / Symposium Publications in Proceedings

I. **HIGH PERFORMANCE BENZOXAZINE THERMOSETS FROM MONOMERS WITH FUNCTIONAL GROUPS**

Gümüş B., ŞENNİK B., YILMAZ F., Kışkan B., DEMİR K.

Material Science and Polymer Engineering, Dubai, United Arab Emirates, 26 November 2015, pp.0-1

II. **Synthesis and Characterization of Novel Asymmetric Bisbenzoxazine**

GÜMÜŞ B., ŞENNİK B., KIŞKAN B., YILMAZ F., DEMİR K.

11th International Conference on Advanced Polymers via Macromolecular Engineering (APME 2015), Yokohama, Japan, 18 October 2015, pp.1

III. **High Performance Benzoxazine Thermosets From Monomers Having Phenolic Groups And Asymmetric Structure**

GÜMÜŞ B., ŞENNİK B., KIŞKAN B., YILMAZ F., DEMİR K.

11th International Conference on Advanced Polymers via Macromolecular Engineering (APME 2015), Yokohama, Japan, 18 October 2015, pp.1

IV. **HIGH PERFORMANCE BENZOXAZINE THERMOSETS FROM MONOMERS WITH PHENOLIC END GROUPS**

Gümüş B., ŞENNİK B., Kışkan B., YILMAZ F., DEMİR K.

Thermosets 2015, Berlin, Germany, 16 September 2015, pp.192-195

V. **New modification methods for high performance polybenzoxazine thermosets**

DEMİR K., Kışkan B., Aydoğan B., Yağcı Y., Kahveci M., Beyazkılıç Z.

Macro 2012 World Polymer Congress, United States Of America, 01 July 2012

VI. **Polythiophene containing multifunctional phenacylium photoinitiator**

DEMİR K., Yağcı Y., Aydın M.

Macro 2012 World Polymer Congress, United States Of America, 01 July 2012

VII. **Modificaication of high performance polybenzoxazine thermosets**

DEMİR K., Yağcı Y., Kışkan B., Aydoğan B., Altınkök Ç.

Pacific Polymer Congress, United States Of America, 01 November 2011

VIII. **Polybenzoxazine/clay nanocomposites by in situ thermal ring-opening polymerization using intercalated monomer**

DEMİR K., Yağcı Y., Taşdelen M.

APME 2011, Turkey, 01 September 2011

IX. **Polycondansates with thermally curable benzoxazine groups**

DEMİR K., Yağcı Y., Kışkan B., Aydoğan B., Altınkök Ç.

Baekeland, Japan, 01 September 2011

X. **Synthesis and Characterization of a Double Photochromic Initiator for Epoxy Curing**

Kreutzer J., DEMİR K., Yağcı Y.

Baekeland, Turkey, 01 November 2009

Supported Projects

DEMİR K., TUBITAK Project, Yüksek Performanslı Benzoksazin Termosetleri İçin Reaktif Gruplu Monomerler, 2014 -

2016

DEMİR K., TUBITAK Project, YÜKSEK PERFORMANSLI TERMOSETLER OLARAK FONKSİYONEL BENZOKSAZİN ÜRETİMİ, 2011 - 2013

DEMİR K., TUBITAK Project, Görünür Bölge Epoksi Kürleştirmesi ve Suda Polimerleşebilen Sistemler, 2008 - 2010

DEMİR K., EU Supported Other Project, EU Solid-solid phase chemistry Training-module, 2008 - 2010

Scientific Refereeing

European Polymer Journal, SCI Journal, November 2015

Edit Congress and Symposium Activities

Material Science & Polymer Technologies, Attendee, Dubayy, United Arab Emirates, 2015

Polymers for Advanced technologies 2011, Attendee, Lodz, Poland, 2011

APME 2011, Attendee, Nevşehir, Turkey, 2011

Paint İstanbul 2010, Attendee, Turkey, 2010

Baekeland 2009, Attendee, Antalya, Turkey, 2009

Citations

Total Citations (WOS):68

h-index (WOS):2