

Res. Asst. GÜLŞEN KURT DEMİR

Personal Information

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Education Information

Doctorate, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Turkey 2015 - 2017

Post Graduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), Turkey 2012 - 2015

Under Graduate, Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2008 - 2012

Dissertations

Post Graduate, Afşin Elbistan linyit kömürü ve RDF'den üretilen yarıkok karışımlarının yanma davranımlarının belirlenmesi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), 2015

Research Areas

Chemical Engineering and Technology, Chemical Technologies, Polymer Technology, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, 2014 - Continues

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

- I. **Cross-linked LLDPE Composites in the Presence of POSS Nanoparticles and Poly(ethylene glycol) dimethacrylate Coagent: "Comparison of Physical Properties and Shape Memory Behaviour"**
BİÇER E., KURT DEMİR G., KODAL M., ÖZKOÇ G.
FRONTIERS OF FUNDAMENTAL AND COMPUTATIONAL PHYSICS, vol.2205, 2020 (Journal Indexed in SCI)
- II. **Investigation of Shape Memory Behavior and Physical Properties of Crosslinked Low Density Polyethylene/OvPOSS/TAIC Composites**
BİÇER E., KURT DEMİR G., KODAL M., ÖZKOÇ G.
FRONTIERS OF FUNDAMENTAL AND COMPUTATIONAL PHYSICS, vol.2205, 2020 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Effect of functional group distribution on combustion characteristics of chars from Afsin Elbistan lignite and RDF**
KURT DEMİR G., AÇMA H., YAMAN S.
International Advanced Researches and Engineering Journal 02(03): 320-324, 2018, vol.2, pp.320-324, 2018
(Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of Thermal Behaviour of Afşin-Elbistan Lignite and Chars Produced from Lignite at Different Temperatures**
KURT DEMİR G., AÇMA H., YAMAN S.
14th International Combustion Symposium INCOS2018, Karabük, Turkey, 25 - 27 April 2018, vol.1, pp.439-442
- II. **Shape Memory Crosslinked Polyethylene/POSS Nanocomposites: "Effect of different POSS types"**
BİÇER E., KURT DEMİR G., KODAL M., ÖZKOÇ G.
PPS 33-33rd International Conference of the Polymer Processing Society, 10 - 14 December 2017
- III. **Effect of Functional Group Distribution on Combustion Characteristics of Chars from Afşin Elbistan Lignite and RDF**
KURT DEMİR G., AÇMA H., YAMAN S.
IAREC-International Advanced Researches and Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, vol.1, pp.1424-1427
- IV. **Properties of Crosslinked Polyethylene/Oib-POSS Nanocomposites:Effect of peroxide concentration**
BİÇER E., KURT DEMİR G., KODAL M., ÖZKOÇ G.
PPS Europe Africa Conference, Dresden, Germany, 26 - 29 June 2017, pp.31
- V. **Peroxide Crosslinking of Linear Low Density Polyethylene**
KURT DEMİR G., BİÇER E., KODAL M., ÖZKOÇ G.
PPS Europe Africa Conference, Dresden, Germany, 26 - 29 June 2017, pp.19
- VI. **Effects of Carbonization on the Distribution of the Functional Groups in AfşinElbistanLignite Coal**
KURT G., HAYKIRI AÇMA H., YAMAN S.
IEESE 8, AFYON, Turkey, 18 October 2016