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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 1989 - 1994

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 1989 - 1994

Dissertations

Doctorate, Yeni İyon Değişiricilerin Sentezi ve İyon Değişim Özelliklerinin İncelenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Fizikokimya, 1994

Research Areas

Chemistry, Physical Chemistry, Polymeric Complexes, Polymeric Materials, Natural Sciences

Academic Titles / Tasks

Professor, Karadeniz Technical University, Fen Fakültesi, Kimya, 2006 - Continues

Associate Professor, Karadeniz Technical University, Fen Edebiyat Fakültesi, Kimya, 2000 - 2006

Assistant Professor, Karadeniz Technical University, Fen Edebiyat Fakültesi, Kimya, 1995 - 2005

Research Assistant, Karadeniz Technical University, Fen Edebiyat Fakültesi, Kimya, 1985 - 1995

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

- **Synthesis of Novel Tetrahydrofuran-Epichlorohydrin[Poly(THF-b-ECH)] Macromonomeric Peroxy Initiators by Cationic Polymerization and the Quantum Chemically Investigation of Initiation System Effects,**
SAVAŞKAN YILMAZ S.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.48, pp.2896-2909, 2010 (Journal Indexed in SCI)
- **Synthesis of a novel crosslinked superabsorbent copolymer with diazacyclooctadecane crown ether and its sorption capability**
Yılmaz S., Kul D., Erdol M., OZDEMİR M., Abbasoglu R.
EUROPEAN POLYMER JOURNAL, vol.43, pp.1923-1932, 2007 (Journal Indexed in SCI)
- **The theoretical conformation analyses of polyoxanorbornene chain**
Yılmaz S., Abbasoglu R.
INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, vol.45, pp.2491-2496, 2006 (Journal Indexed in SCI)
- **The quantum chemical investigation of the addition reactions of Br-2 to homocubylidenehomocubane and its derivatives**

Abbasoglu R., Yilmaz S.

INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.45, pp.2179-2185, 2006 (Journal Indexed in SCI)

- **Theoretical study of facial selectivity and regioselectivity in electrophilic addition reaction of chlorine to exo-tricyclo[4.2.1.0(2,5)]nona-3,7-diene**

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INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, vol.45, pp.1722-1728, 2006 (Journal Indexed in SCI)

- **Ab initio and DFT study on the electrophilic addition of bromine to endo-tricyclo[3.2.1.0(2,4)]oct-6-ene**

Abbasoglu R., Yilmaz S.

JOURNAL OF MOLECULAR MODELING, vol.12, pp.290-296, 2006 (Journal Indexed in SCI)

- **A quantum chemical investigation of electrophilic addition reaction of bromine to bicyclo[3.2.2]nona-6,8-diene**

Abbasoglu R., Yilmaz S., GOK Y.

INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.44, pp.221-226, 2005 (Journal Indexed in SCI)

- **A quantum chemical investigation of electrophilic addition reaction of bromine to exo-tricyclo[3.2.1.0(2,4)]oct-6-ene**

Abbasoglu R., Yilmaz S.

INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.43, pp.2497-2502, 2004 (Journal Indexed in SCI)

- **A molecular mechanics and semiempirical molecular orbital study on the conformation of polynorbornene chains**

Yilmaz S., Abbasoglu R., HAZER B.

JOURNAL OF MOLECULAR MODELING, vol.9, pp.230-234, 2003 (Journal Indexed in SCI)

- **Quantum chemical investigation of molecular complexes formed with bromine molecule of bicyclo[3.3.1]nonylidenebicyclo[3.3.1]nonane and its derivatives**

Abbasoglu R., Yilmaz S.

INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.42, pp.1557-1563, 2003 (Journal Indexed in SCI)

- **A quantum-chemical investigation on the addition of chlorine to homobenzobarrelene**

Abbasoglu R., Yilmaz S.

INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, vol.41, pp.2625-2629, 2002 (Journal Indexed in SCI)

- **Quantum-chemical investigation of electrophilic addition of bromine to norbornadiene**

Abbasoglu R., Yilmaz S.

INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.41, pp.1773-1776, 2002 (Journal Indexed in SCI)

- **The quantum chemical investigation of molecular complexes formed with bromine molecule of adamantylideneadamantan and its derivatives: electronic and steric effects**

Abbasoglu R., Yilmaz S.

JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.589, pp.431-438, 2002 (Journal Indexed in SCI)

- **A quantum-chemical study on the electrophilic addition of bromine to homobenzonorbornadiene**

Abbasoglu R., Yilmaz S.

INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.40, pp.1029-1032, 2001 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **The Gamma-Ray Attenuations of Hyperbranched PCL Copolymer-Plaster of PARIS Composites Sorbed As and Pb Atoms**

Mısırlıoğlu Y., SAVAŞKAN YILMAZ S., BAYRAM T., YILMAZ A. H. , Şentürk Ş., Küçük A., CİNAN Z. M.

XI. International Conference on Nuclear Structure Properties (NSP-2018), Trabzon, Turkey, 12 - 14 September

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- **PEO Merkez ve PtBA Kabuklu Yıldız Şekli Blok Kopolimerlerin ATRP ile Sentezi ve Özellikleri**
KUL D., VAN RENTERGHEM L., SAVAŞKAN YILMAZ S., DU PREZ F.
I. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Ankara, Turkey, 21 - 23 June 2006
- **Star Shaped Block Copolymers with a PEO Core and a PtBA Shell**
KUL D., VAN RENTERGHEM L., SAVAŞKAN YILMAZ S., DU PREZ F.
BPG Annual Meeting, La Roche en Ardenne, Belgium, 19 - 20 May 2005
- **Metil Metakrilatın BBP CuCl Başlatıcı Sistemi ile Atom Transfer Radikal Polimerizasyonu ATRP**
ÖZTÜRK T., MISIR M., VOLGA C., KUL D., SAVAŞKAN YILMAZ S., HAZER B.
XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 5 - 09 July 2004
- **Katyonik Polimerizasyon ile Poli THF EPH İçeren Makroperoksi İimerlerin Sentezi**
MISIR M., ÖZTÜRK T., VOLGA C., KUL D., SAVAŞKAN YILMAZ S., HAZER B.
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- **Preparation of Sorbent Containing Polystyrene 2,3 : 8,9: 14,15-Tribenzo-4,13-dithia-6,11-dioxa-1,7,10,16-tetraazahexadecane dimethacrylate and their sorption ability for Na⁺, Hg²⁺, Pb²⁺,**
SAVAŞKAN YILMAZ S., KUL D., KANTEKİN H., OCAK Ü., GÖK Y.
40th IUPAC World Polymer Congress, Paris France, Paris, France, 4 - 07 July 2004, pp.61
- **The Synthesis of a New Macromonomeric Peroxy Initiator via Cationic Polymerization**
SAVAŞKAN YILMAZ S., USTA C., KUL D., HAZER B.
International Symposium on Ionic Polymerization (IUPAC), Boston, United States Of America, 30 June - 04 July 2003
- **Poli THF İimerlerin MMA ile Serbest Radikal Polimerizasyon Kinetiği**
VOLGA C., KUL D., SAVAŞKAN YILMAZ S., HAZER B.
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002
- **Mono t BuBP ve Tetrabromometil Benzoil Peroksit BDBP ZnCl₂ Başlatıcı Sistemi ile Tetrahidrofuranın THF Katyonik Polimerizasyonu**
SAVAŞKAN YILMAZ S., HAZER B., VOLGA C., KUL D.
XIII. Ulusal Kimya Kongresi, Samsun, Turkey, 31 August - 04 September 1999

Citations

Total Citations (WOS):76

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