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International Researcher IDs

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Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Turkey 2005 - 2017

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Turkey 2000 - 2003

Undergraduate, Gazi University, Gazi Eğitim Fakültesi, Turkey 1995 - 1999

Foreign Languages

English, C1 Advanced

Research Areas

Chemistry, Inorganic Chemistry, Inorganic Ring Compounds, Inorganic Polymers, Coordination Chemistry, Organometallic Chemistry

Academic Titles / Tasks

Assistant Professor, Kocaeli University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2023 - Continues
Research Assistant PhD, Kocaeli University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2001 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Dispersant effect of degraded cellulase and SDS on copper(II) phthalocyanine pigment
YAĞCI Ç., DUMAN Y.
BIOCATALYSIS AND BIOTRANSFORMATION, vol.39, no.4, pp.313-321, 2021 (SCI-Expanded)
- II. Three-phase partitioning and immobilization of *Bacillus methylotrophicus* Y37 cellulase on organo-bentonite and its kinetic and thermodynamic properties
Duman Y., Kaya A. U., Yağcı Ç.
Clay Minerals, vol.55, no.2, pp.120-131, 2020 (SCI-Expanded)
- III. Octa-armed star-shaped poly(epsilon-caprolactone)s with a phthalocyanine core by ring-opening polymerization: Synthesis and characterization

- BİLGİN A., YAĞCI Ç.
EUROPEAN POLYMER JOURNAL, vol.61, pp.240-252, 2014 (SCI-Expanded)
- IV. **Synthesis and properties of novel polymeric metal-free and metallophthalocyanines containing peripherally long 1,2-bis[(3-oxapropyl)oxa]benzene derivatives**
BİLGİN A., Yanmaz D., YAĞCI Ç.
TURKISH JOURNAL OF CHEMISTRY, vol.38, no.6, pp.1135-1152, 2014 (SCI-Expanded)
- V. **Synthesis and characterization of novel tetrakis (3-hydroxypropylmercapto)-substituted phthalocyanines**
YAĞCI Ç., BİLGİN A.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.17, pp.573-586, 2013 (SCI-Expanded)
- VI. **Synthesis, characterization, aggregation, fluorescence, electrical and thermal properties of novel octasubstituted metal-free and metallophthalocyanines**
YAĞCI Ç., BİLGİN A.
POLYHEDRON, vol.51, pp.142-155, 2013 (SCI-Expanded)
- VII. **Synthesis and characterization of new metal-free and metallophthalocyanines fused alpha-methylferrocenylmethoxy units**
BİLGİN A., YAĞCI Ç., MENDİ A., YILDIZ U.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.67, pp.377-383, 2010 (SCI-Expanded)
- VIII. **Synthesis, characterization, aggregation and thermal properties of a novel polymeric metal-free phthalocyanine and its metal complexes**
BİLGİN A., YAĞCI Ç., YILDIZ U., ÖZKAZANÇ E., TARCAN E.
POLYHEDRON, vol.28, no.11, pp.2268-2276, 2009 (SCI-Expanded)
- IX. **Synthesis and characterization of new monomeric and polymeric phthalocyanines**
BİLGİN A., YAĞCI Ç., MENDİ A., YILDIZ U.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.110, no.4, pp.2115-2126, 2008 (SCI-Expanded)
- X. **Synthesis and characterization of new polymeric phthalocyanines substituted with diaza-18-crown-6 macrocycles through ethyleneoxy bridges**
Bilgin A., Yagci C., MENDİ A., Yildiz U.
POLYHEDRON, vol.26, no.3, pp.617-625, 2007 (SCI-Expanded)
- XI. **Novel network polymeric phthalocyanines: Synthesis and characterization**
BILGIN A., YAGCI C., Yildiz U.
MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.206, no.22, pp.2257-2268, 2005 (SCI-Expanded)
- XII. **Redox polymerization of methyl methacrylate with allyl alcohol 1,2-butoxylate-block-ethoxylate initiated by Ce(IV)/HNO₃ redox system**
YAGCI C., Yildiz U.
EUROPEAN POLYMER JOURNAL, vol.41, no.1, pp.177-184, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Study on Unsubstituted Cu(II) Phthalocyanine and Bovine Serum Albumin Bioconjugation**
Yağcı Ç.
Kocaeli Journal of Science and Engineering, vol.5, no.special issue, pp.10-17, 2022 (Peer-Reviewed Journal)
- II. **ÖĞRETMEN ADAYLARININ ÇEVRE SORUNLARI ve YENİLENEBİLİR ENERJİYE YÖNELİK FARKINDALIK DÜZEYLERİNİN İNCELENMESİ**
EŞME A., DEMİR B., YAĞCI Ç.
International Journal of Social Humanities Sciences Research (JSHSR), vol.8, pp.2154-2166, 2021 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Novel Phthalocyanines Bearing N,N--Bis(propyleneoxy)aniline Moieties: Synthesis and Characterization**
KARA Y. S., BİLGİN A., YAĞCI Ç.
International Science and Technology Conference (ISTEC 2018, Paris, France, 18 - 20 July 2018
- II. **Novel Poly(ϵ -caprolactone) and Poly(L-Lactide) Macromonomers Bearing 2-Thiophene Ethoxy Units: Synthesis and Characterization**
MISIR M., BİLGİN A., YAĞCI Ç.
International Congress on the World of Technology and Advanced Materials WITAM 2018, Kırşehir, Turkey, 21 - 23 September 2018
- III. **Novel Poly(ϵ -caprolactone) and Poly(L-Lactide) Macromonomers Bearing 1,3-Bis(2-formylphenoxy)- 2-propyloxy Units: Synthesis and Characterization**
MISIR M., BİLGİN A., YAĞCI Ç.
Uluslararası Katılımlı VII. Polimer Bilim ve Teknoloji Kongresi, Eskişehir, Turkey, 09 September 2018 - 12 September 2017
- IV. **Novel Poly(L-Lactide) Macromonomers Bearing 2-[(pentafluorobenzyl)thio]etoxy and 3-[(pentafluorobenzyl)thio]propyloxy Units: Synthesis and Characterization**
MISIR M., BİLGİN A., YAĞCI Ç.
International Conference on Technology, Engineering and Science (IConTES), 26 - 29 October 2017
- V. **Novel Poly(L-Lactide) Macromonomers Bearing 2-[(4-fluorobenzyl)thio]etoxy and 3-[(4-fluorobenzyl)thio]propyloxy Units: Synthesis and Characterization**
MISIR M., BİLGİN A., YAĞCI Ç.
International Conference on Technology, Engineering and Science (IConTES), 26 - 29 October 2017
- VI. **Novel Poly(ϵ -Caprolactone) Macromonomers Bearing 2-[(4-fluorobenzyl)thio]etoxy and 3-[(4-fluorobenzyl)thio]propyloxy Units: Synthesis and Characterization**
MISIR M., BİLGİN A., YAĞCI Ç.
ISTEC 2017 International Science and Technology Conference, 13 - 15 July 2017
- VII. **Oktakis[2-(benziltiya)etoksi] Birimleri İçeren Yeni Ftalosiyanınların Sentezi ve Karakterizasyonu**
EK Y., BİLGİN A., YAĞCI Ç., ACIERİK N., KADI Ç.
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017
- VIII. **2-[(Pentaflorobenzil)tiyo]etoksi ve 3-[(Pentaflorobenzil)tiyo]propiloksi UçluPoli(ϵ -kaprolakton) Makromonomerlerin Sentezi ve Karakterizasyonu**
MISIR M., BİLGİN A., YAĞCI Ç.
29. Ulusal Kimya Kongresi, ODTÜ, Ankara, Turkey, 10 - 14 September 2017
- IX. **Novel Organosoluble Phthalocyanines Bearing 2-(Benzylthio)ethoxy Units: Synthesis and Characterization**
YAĞCI Ç., BİLGİN A., KADI Ç., ACIERİK N.
4th European Chemistry Congress, BARCELONA, Spain, 11 - 13 May 2017
- X. **Two armed Poly ϵ Caprolactone s with a 2 2 Hydroxy phenoxy 1 ethanol Core via Ring Opening Polymerization Synthesis and Characterization**
MISIR M., BİLGİN A., YAĞCI Ç.
28. Ulusal Kimya Kongresi, Turkey, 15 - 21 August 2016
- XI. **Two Armed Poly caprolactone s with a 2 2 Hydroxyethoxy phenoxy 1 ethanol core via Ring Opening Polymerization Synthesis and Characterization**
MISIR M., BİLGİN A., YAĞCI Ç.
28. Ulusal Kimya Kongresi 2016(Uluslararası Katılımlı), 15-21 Ağustos 2016 , Mersin, Türkiye, 2016., Turkey, 15 - 21 August 2016
- XII. **Synthesis and characterizations of novelphthalocyanines fused benzyl poly caprolactone s**
acierik n., KADI Ç., BİLGİN A., YAĞCI Ç.
28. Ulusal Kimya Kongresi 2016(Uluslararası Katılımlı), 15-21 Ağustos 2016, P242 , Mersin, Türkiye., Turkey, 15 - 21 August 2016

- XIII. **Novel Poly methylmethacrylate Based Two Armed Macroinitiators via ATRP Synthesis and Characterization**
BİLGİN A., YAĞCI Ç., MISİR M.
MACRO-2016, 17 - 21 July 2016
- XIV. **Novel Phthalocyanines Bearing 2 Benzylthio Etoxy Poly Caprolactone Units Synthesis And Characterization**
MISİR M., Acierik N., YAĞCI Ç., BİLGİN A.
Istec-International Science and Technology Conference, 13 - 15 July 2016
- XV. **1 2 Bis 3 Hidroksipropiloksi benzen Çekirdekli Poli kaprolakton Sentezi ve Karakterizasyonu**
MISİR M., BİLGİN A., YAĞCI Ç.
27. Ulusal Kimya Kongresi 23-28 Ağustos 2015, Çanakkale, Turkey, 23 - 28 August 2015
- XVI. **1 2 BİS 3 HİDROKSİPROPİLOKSİ BENZEN ÇEKİRDEKLİ POLİ KAPROLAKTON SENTEZİ VE KARAKTERİZASYONU**
MISİR M., BİLGİN A., YAĞCI Ç.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XVII. **Twoarmed poly caprolactone s with a N 4 Nitrophenyl diethanolamine core via ring opening polymerization Synthesis and characterization**
YAĞCI Ç., BİLGİN A., MISİR M.
European Polymer Congress(EPP), Dresden, Germany, 21 June 2015 - 21 June 2014
- XVIII. **Twoarmed poly epsilon caprolactone s with a N 4 Nitrophenyl diethanolamine core via ring opening polymerization Synthesis and characterization**
BİLGİN A., YAĞCI Ç., MISİR M.
European Polymer Congress, 21 - 26 June 2015
- XIX. **Synthesis and Characterization of Zinc II Phthalocyanine Tetrasubstituted Peripherally with Poly caprolactone**
YAĞCI Ç., BİLGİN A.
International Conference on Porphyrins and Phthalocyanines (ICPP-8), 22 - 27 June 2014
- XX. **Synthesis and Characterization of Novel Polymeric Phthalocyanines Bearing N N Bis Ethyleneoxy p Nitroaniline Moieties**
BİLGİN A., YANMAZ D., YAĞCI Ç., KADİROĞLU Ü.
IUPAC 2013, İstanbul, Turkey, 11 - 16 June 2013
- XXI. **Yeni Polimerik Ftalosiyanınların Sentezi Karakterizasyonu ve Agregasyon Özelliklerinin İncelenmesi**
YANMAZ D., BİLGİN A., YAĞCI Ç.
4. Ulusal Polimer Bilim ve Teknoloji Kongresi, Çanakkale, Turkey, 5 - 08 September 2012
- XXII. **Triaza dioksa Makrosiklik Birim İçeren Yeni Ftalosiyanınların Sentezi Karakterizasyonu ve Metal Bağlama Özelliklerinin İncelenmesi**
Mendi A., BİLGİN A., YAĞCI Ç.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011
- XXIII. **Yeni Monomerik ve Polimerik Birimler İçeren Ftalosiyanınların Sentezi ve Karakterizasyonu**
BİLGİN A., YAĞCI Ç.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011
- XXIV. **Yeni Polimerik Ftalosiyanınların Sentezi, Karakterizasyonu, Agregasyonu ve Termal Özelliklerinin İncelenmesi**
BİLGİN A., YAĞCI Ç., YILDIZ U., ÖZKAZANÇ E., TARCAN E.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010
- XXV. **Metilferrosenilmetoksi Birimleri İçeren Ftalosiyanınların Sentezi ve Karakterizasyonu**
BİLGİN A., YAĞCI Ç., Mendi A., YILDIZ U.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010
- XXVI. **Fleksible Gruplar İçeren Polimerik Ftalosiyanınların Sentezi ve Özelliklerinin İncelenmesi**
BİLGİN A., YAĞCI Ç., YILDIZ U., Mendi A.
XX. Ulusal Kimya Kongresi Kayseri, Turkey, 4 - 08 September 2006

XXVII. Makrosiklik Grup İçeren Polimerik Ftalosiyanın Sentezi ve Karakterizasyonu

YAĞCI Ç., BİLGİN A., YILDIZ U., Mendi A.

XX. Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006

XXVIII. Metil Metakrilat ın Allil alkol 1 2 butoksilat blok etoksilat varlığına Ce IV HNO₃ ile Redoks Polimerizasyonu

YAĞCI Ç., YILDIZ U.

XVIII. Ulusal Kimya Kongresi, Turkey, 5 - 09 July 2004

Metrics

Publication: 42

Citation (WoS): 170

Citation (Scopus): 175

H-Index (WoS): 8

H-Index (Scopus): 8

Non Academic Experience

Saraybahçe İlköğretim Okulu