

## Prof. Dr. ASGAR KAYAN

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: F-5898-2018

ScopusID: 6603345523

Yoksis Araştırmacı ID: 22989

### Eğitim Bilgileri

Doktora, Ohio State University, Amerika Birleşik Devletleri 1994 - 1999

Yüksek Lisans, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI), Türkiye 1990 - 1992

Lisans, İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Türkiye 1985 - 1989

### Yaptığı Tezler

Doktora, Synthesis, characterization and reactivity of Organorhodium complexes, Ohio State University, 1999

Yüksek Lisans, Sol-Jel prosesiyle metal alkolatların kelat ligandlarla kompleksleştirilmesi, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI), 1992

### Araştırma Alanları

Temel Bilimler

### Akademik Unvanlar / Görevler

Prof. Dr., Kocaeli Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2015 - Devam Ediyor

### Akademik İdari Deneyim

Bölüm Başkanı, Kocaeli Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2020 - Devam Ediyor

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Eco-friendly novel adsorbents composed of hybrid compounds for efficient adsorption of methylene blue and Congo red dyes: Kinetic and thermodynamic studies**  
Baig M. T., KAYAN A.

SEPARATION SCIENCE AND TECHNOLOGY, cilt.58, sa.5, ss.862-883, 2023 (SCI-Expanded)

- II. **Polyhedral Oligomeric Silsesquioxane and Polyorganosilicon Hybrid Materials and Their Usage in the Removal of Methylene Blue Dye**  
Kayan G. O., KAYAN A.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.32, sa.7, ss.2781-2792, 2022 (SCI-Expanded)
- III. **Adsorption of murexide dye from aqueous solution using a novel Schiff base tin(IV) compound**  
Bozbaş S., Yıldız Aras B. C., Karabulut M., Kayan A.  
Desalination and Water Treatment, cilt.261, ss.256-265, 2022 (SCI-Expanded)
- IV. **Composite of Natural Polymers and Their Adsorbent Properties on the Dyes and Heavy Metal Ions**  
Kayan G. O., KAYAN A.  
JOURNAL OF POLYMERS AND THE ENVIRONMENT, cilt.29, sa.11, ss.3477-3496, 2021 (SCI-Expanded)
- V. **Inorganic-Organic Hybrid Materials of Zirconium and Aluminum and Their Usage in the Removal of Methylene Blue**  
Kayan G. O., KAYAN A.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.31, sa.8, ss.3613-3623, 2021 (SCI-Expanded)
- VI. **Ti(IV)-silyliminophenolate catalysts for  $\epsilon$ -caprolactone and L-Lactide polymerization**  
Yildiz B. C., Kayan A.  
Sustainable Chemistry and Pharmacy, cilt.21, ss.100416, 2021 (SCI-Expanded)
- VII. **Non-Toxic and Environmentally Friendly Titanium Complexes and Their Effects on epsilon-Caprolactone Polymerization**  
Yildiz Aras B. C., Kayan A.  
CATALYSIS SURVEYS FROM ASIA, cilt.24, sa.4, ss.313-324, 2020 (SCI-Expanded)
- VIII. **Recent Studies on Single Site Metal Alkoxide Complexes as Catalysts for Ring Opening Polymerization of Cyclic Compounds**  
Kayan A.  
Catalysis Surveys from Asia, cilt.24, sa.2, ss.87-103, 2020 (SCI-Expanded)
- IX. **Copolymerization reactions of butadiene monoxide with 3-glycidyloxypropyltrimethoxysilane and styrene oxide and their glycol derivatives**  
KAYAN A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.136, sa.14, 2019 (SCI-Expanded)
- X. **Inorganic-organic hybrid materials and their adsorbent properties**  
KAYAN A.  
ADVANCED COMPOSITES AND HYBRID MATERIALS, cilt.2, sa.1, ss.34-45, 2019 (SCI-Expanded)
- XI. **Multivariate optimization for removal of some heavy metals using novel inorganic-organic hybrid and calcined materials**  
Cerrahoglu E., Kayan A., Bingöl D.  
SEPARATION SCIENCE AND TECHNOLOGY, cilt.53, ss.2563-2572, 2018 (SCI-Expanded)
- XII. **Synthesis of novel single site tin porphyrin complexes and the catalytic activity of tin tetrakis(4-fluorophenyl) porphyrin over epsilon-caprolactone**  
Yaman H., KAYAN A.  
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.21, sa.3, ss.231-237, 2017 (SCI-Expanded)
- XIII. **New Inorganic-Organic Hybrid Materials and Their Oxides for Removal of Heavy Metal Ions: Response Surface Methodology Approach**  
Cerrahoglu E., Kayan A., Bingöl D.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.27, ss.427-435, 2017 (SCI-Expanded)
- XIV. **Preparation of single-site tin(IV) compounds and their use in the polymerization of epsilon-caprolactone**  
Yildiz B. C., KAYAN A.

- DESIGNED MONOMERS AND POLYMERS, cilt.20, ss.89-96, 2017 (SCI-Expanded)
- XV. **Functionalized Hybrid Coatings on ABS Surfaces by PLD and Dip Coatings**  
Kaçar E., Erdem A., Sanlı M. M., Kayan A., Candan L., Yıldız U., Demir A.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.26, ss.895-906, 2016 (SCI-Expanded)
- XVI. **Synthesis, Characterization, and Application of Hybrid Inorganic-Organic Composites (K/Na)ZrSi(R)O-x**  
KAYAN A.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.26, sa.3, ss.640-647, 2016 (SCI-Expanded)
- XVII. **Preparation, Characterization and Application of Hybrid Materials Having Multifunctional Properties**  
Kayan A.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.25, sa.6, ss.1345-1352, 2015 (SCI-Expanded)
- XVIII. **Synthesis of poly(styrene oxide) with different molecular weights using tin catalysts**  
Kayan A.  
DESIGNED MONOMERS AND POLYMERS, cilt.18, sa.6, ss.545-549, 2015 (SCI-Expanded)
- XIX. **Synthesis and characterization of substituted salicylate zirconium compounds and their catalytic activity over epsilon-caprolactone**  
MERT O., KAYAN A.  
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, cilt.80, ss.409-416, 2014 (SCI-Expanded)
- XX. **Preparation of L-Lactide/3-Glycidyoxypropyltrimethoxysilane Copolymeric Materials with Various Catalysts**  
KAYAN A., MERT O.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.24, sa.6, ss.1055-1062, 2014 (SCI-Expanded)
- XXI. **Novel tyrosine-containing inorganic-organic hybrid adsorbent in removal of heavy metal ions**  
Kayan A., Arican M. O., Boz Y., Ay Ü., Karayunlu Bozbas S.  
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, cilt.2, sa.2, ss.935-942, 2014 (SCI-Expanded)
- XXII. **Novel inorganic-organic hybrid polymers to remove heavy metals from aqueous solution**  
Bozbas S., Ay Ü., KAYAN A.  
DESALINATION AND WATER TREATMENT, cilt.51, ss.7208-7215, 2013 (SCI-Expanded)
- XXIII. **Synthesis of silyliminophenolate zirconium compounds and their catalytic activity over lactide/epoxide**  
MERT O., KAYAN A.  
APPLIED CATALYSIS A-GENERAL, cilt.464, ss.322-331, 2013 (SCI-Expanded)
- XXIV. **Preparation, Characterization and Application of Inorganic-Organic Hybrid Polymers, Poly-GPTS/M(CL)(x)O(OH)**  
Kayan A.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, cilt.51, sa.41, ss.13339-13345, 2012 (SCI-Expanded)
- XXV. **Synthesis and characterization of Zr, Ti, Al-phthalate and pyridine-2-carboxylate compounds and their use in ring opening polymerization**  
Yalcin G., KAYAN A.  
APPLIED CATALYSIS A-GENERAL, cilt.433, ss.223-228, 2012 (SCI-Expanded)
- XXVI. **Preparation of Al, Ti, Zr-perfluoroheptanoate compounds and their use in ring opening polymerization**  
YALCIN G., YILDIZ U., KAYAN A.  
APPLIED CATALYSIS A-GENERAL, cilt.423, ss.205-210, 2012 (SCI-Expanded)
- XXVII. **Polymerization of 3-glycidyoxypropyltrimethoxysilane with different catalysts**  
Kayan A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.123, sa.6, ss.3527-3534, 2012 (SCI-Expanded)

- XXVIII. **Ring-opening polymerization of isopropylglycidyl ether (IPGE) with new catalysts of Ti, Sn, Al-alkoxides and comparison of its reactivity**  
Yalcin G., KAYAN A.  
DESIGNED MONOMERS AND POLYMERS, cilt.15, sa.4, ss.405-416, 2012 (SCI-Expanded)
- XXIX. **Solvent effect on complexation of titanium tetraethoxide with allylacetoacetate**  
Kayan A.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.15, sa.3, ss.361-365, 2005 (SCI-Expanded)
- XXX. **Effects of different amount of As<sub>2</sub>O<sub>3</sub> and TiO<sub>2</sub> on the chemical, physical and electrical properties of the base material MnO<sub>2</sub>**  
ESMER K., Kadiroglu U., TARCAN E., KAYAN A.  
MATERIALS LETTERS, cilt.59, sa.10, ss.1125-1129, 2005 (SCI-Expanded)
- XXXI. **Complexation of titanium alkoxides with pentenoic acid and allylacetoacetate and their hydrolysis and addition reactions with H-silanes**  
Kayan A., Hoebbel D., Schmidt H.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.95, sa.4, ss.790-796, 2005 (SCI-Expanded)
- XXXII. **Complexation of zirconium alkoxides with 3-pentenoic acid and hydrolytic stability of their products**  
Bulut G., Mercanci E., Kayan A.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.14, sa.3, ss.191-200, 2004 (SCI-Expanded)
- XXXIII. **Electrical and dielectrical properties of the MnO<sub>2</sub> doped with As<sub>2</sub>O<sub>3</sub> and SnO**  
KAYAN A., TARCAN E., Kadiroglu U., ESMER K.  
MATERIALS LETTERS, cilt.58, sa.16, ss.2170-2174, 2004 (SCI-Expanded)
- XXXIV. **Complexation of titanium alkoxides with Cw-2-butene-1,4-diol and hydrolysis of their products**  
KAYAN A.  
Journal of Inorganic and Organometallic Polymers and Materials, cilt.13, sa.1, ss.29-39, 2003 (SCI-Expanded)
- XXXV. **Complexation of titanium alkoxides with cis-2-butene-1,4-diol and hydrolysis of their products**  
Kayan A.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS, cilt.13, ss.29-39, 2003 (SCI-Expanded)
- XXXVI. **Oxidative addition reactions of Rh(SbPh<sub>3</sub>)(3)(CO)X (X = Cl, Br) with organic phenyl-substituted propargyl compounds. Rhodium(III) phenylpropargyl products and their conversion to rhodiacyclic complexes**  
Kayan A., Wojcicki A.  
INORGANICA CHIMICA ACTA, cilt.319, ss.187-193, 2001 (SCI-Expanded)
- XXXVII. **Reactions of Rh(SbPh<sub>3</sub>)(3)(CO)X (X = Cl, Pr) with organic propargyl compounds. Synthesis, structure and reactivity of rhodiacyclopent-3-ene-2-one complexes**  
Kayan A., Gallucci J., Wojcicki A.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.630, sa.1, ss.44-56, 2001 (SCI-Expanded)
- XXXVIII. **An unusual reaction of Rh(SbPh<sub>3</sub>)(3)(CO)Cl with propargyl halides: the formation of rhodiacyclopent-3-ene-2-one complexes**  
Kayan A., Gallucci J., Wojcicki A.  
INORGANIC CHEMISTRY COMMUNICATIONS, cilt.1, sa.11, ss.446-448, 1998 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Polycaprolactone Composites/Blends and Their Applications Especially in Water Treatment**  
Kayan G. Ö., Kayan A.  
CHEMENGINEERING, sa.6, 2023 (ESCI)
- II. **Synthesis and characterization of Ti-/Zr-diphenylpropanedione complexes and their application in the ring opening polymerization of ε-caprolactone**

Gökalp Y., Kayan A.

Journal of the Turkish Chemical Society, Section A: Chemistry, cilt.5, ss.1095-1104, 2018 (Scopus)

III. **Preparation and characterization of TAMP/TIMP-Ti and Zr compounds and their catalytic activity over propylene oxide and  $\epsilon$ -caprolactone**

Kayan A.

Journal of the Turkish Chemical Society, Section A: Chemistry, cilt.4, sa.1, ss.59-80, 2017 (Hakemli Dergi)

IV. **Synthesis and Theoretical Study of Zinc II and Nickel II Complexes of 5 Methoxyisatin 3 N 4 chlorophenyl thiosemicarbazone**

Kandemirli F., Saraçoğlu M., Yalçın G., Ebenso E., Arslan T., Kayan A.

JOURNAL OF MATHEMATICAL AND FUNDAMENTAL SCIENCES, cilt.44, ss.35-50, 2012 (ESCI)

V. **Spectroscopic Investigation on the Reactions of Tin and Titanium Alkoxides with 3-Pentenoic Acid**

Kayan A.

The Open macromolecules journal, cilt.2, ss.38-42, 2008 (Hakemli Dergi)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **ZIRCONIUM TEREPHTHALATE/CELLULOSE CONTAINING HYBRID MATERIALS AND THEIR USE IN METHYLENE BLUE REMOVAL**

Demirci V. G., Baig M. T., Kayan A.

15. Ulusal 3. Uluslararası Çevre Mühendisliği Kongresi, Ankara, Türkiye, 23 - 25 Kasım 2023, ss.1-6

II. **Poli(Diizobütül Glikolid)-Bazlı Nanoteranostik Sistemler: Kanser Tedavisi ve Teşhisinde İlerlemenin Umud Verici Bir Yolu**

Arıcan M. O., Koldankaya T., DURUKSU G., MERT S., Sezer H. A., YILDIZ U., KAYAN A., MERT O.

15. Ulusal Kimya Mühendisliği Kongresi, Çanakkale, Türkiye, 04 Eylül 2023

III. **Zirkonyum Propoksit ve Zirkonyum Bütoksit'in Süstitüe Salisilik Asit ile Tepkimesi ve Katalizör Etkisi**

Uzun G., Yıldız B. C., Kayan A.

32. Ulusal Kimya Kongresi, Eskişehir, Türkiye, 17 - 19 Eylül 2020

IV. **Synthesis and characterization of newly synthesized schiff base ligand and study adsorption of Murexide dye**

KARAYÜNLÜ BOZBAŞ S., YILDIZ B. C., Karabulut M., KAYAN A.

4th ITWCCST, 7 - 10 Eylül 2018

V. **Synthesis and characterization of newly synthesized schiff base ligand and study adsorption of Murexide dye**

KARAYÜNLÜ BOZBAŞ S., YILDIZ B. C., karabulut m., KAYAN A.

4th ITWCCST, 7 - 10 Eylül 2018

VI. **Multivariate Optimization for Removal of Cu(II) and Pb(II) from Aqueous Solutions Using Synthesized Hybrid and Calcined Materials**

Cerrahoğlu Kaçakgil E., Kayan A., Bingöl D.

8th Black Sea Basin Conference on Analytical Chemistry, İstanbul, Türkiye, 9 - 11 Mayıs 2018

VII. **SYNTHESIS OF TIN(IV) A-BENZOIN OXIME COMPOUNDS AND THEIR CATALYTIC ACTIVITY OVER POLYMERIZATION OF  $\epsilon$ -CAPROLACTONE**

YILDIZ B. C., KAYAN A.

Ancon 2017 INTERNATIONAL CONGRESS ON CHEMISTRY AND MATERIALS SCIENCE 5-7 October, 2017/Ankara-TURKEY, 5 - 07 Kasım 2017

VIII. **Synthesis of Tin(IV)  $\alpha$ -Benzoin Oxime Compounds and Their Catalytic Activity over Polymerization of  $\epsilon$ -Caprolactone**

YILDIZ B. C., KAYAN A.

Int Congress on Chem and Mater Sci., ANCON 2017, 5 - 07 Ekim 2017

IX. **SYNTHESIS OF NEW MATERIALS OF TIN(IV) COMPOUNDS and THEIR CATALYTIC ACTIVITY OVER**

## **POLYMERIZATION OF $\epsilon$ -CAPROLACTONE**

YILDIZ B. C., KAYAN A.

16TH EPF EUROPEAN POLYMER CONGRESS, 2 - 07 Temmuz 2017

- X. **SYNTHESIS OF NEW MATERIALS OF TIN(IV) COMPOUNDS and THEIR CATALYTIC ACTIVITY OVER POLYMERIZATION OF  $\epsilon$ -CAPROLACTONE**  
YILDIZ B. C., KAYAN A.  
epflyon 2017 16th EPF EUROPEAN POLYMER CONGRESS July2nd-7th, 2017 Lyon-FRANCE, 2 - 07 Temmuz 2017
- XI. **Nanoformulations of Novel Boron Based Polyesters for Use in Drug Delivery Systems**  
Arıcan M. O., Aybüke H. K., Duruksu G., Yıldız U., Kayan A., Mert O.  
4th International BAU Drug Design Congress, İstanbul, Türkiye, 13 - 15 Ekim 2016
- XII. **Synthesis of Poly isobutyl methyl glycolide and Poly isobutyl ethyl glycolide Polymers for Use In Drug Delivery Systems**  
MERT O., vardar a., arıcan m. o., YILDIZ U., KAYAN A.  
4th international BAU drug design congress, 13 - 15 Ekim 2016
- XIII. **New and Effective Material for Removal of Murexide Dye from Aqueous Solution**  
YILDIZ B. C., KARABULUT M., KARAYÜNLÜ BOZBAŞ S., KAYAN A.  
10th Aegean Analytical Chemistry Days, 29 Eylül - 02 Ekim 2016
- XIV. **New and Effective Material for Removal of Murexide Dye from Aqueous Solution**  
YILDIZ B. C., Karabulut M., KARAYÜNLÜ BOZBAŞ S., KAYAN A.  
10th Aegean Analytical Chemistry Days, 29 Eylül - 02 Ekim 2016
- XV. **Optimization of methylene blue removal on a new hybrid material by box Behnken design**  
CERRAHOĞLU E., KAYAN A., BİNGÖL D.  
10th Aegean Analytical Chemistry Days, 29 Eylül - 02 Ekim 2016, ss.166
- XVI. **OPTIMIZATION OF METHYLENE BLUE REMOVAL ON A NEW HYBRID MATERIAL BY BOX BEHNKEN DESIGN**  
CERRAHOĞLU E., KAYAN A., BİNGÖL D.  
INTERNATIONAL CONFERENCE: 10th AEGEAN ANALYTICAL CHEMISTRY DAYS, 29 Eylül - 02 Ekim 2016
- XVII. **Optimization of Methylene Blue Removal on a New Hybrid Material by Box Behnken Design**  
CERRAHOĞLU E., KAYAN A., BİNGÖL D.  
10th Aegean Analytical Chemistry Days, 29 Eylül - 02 Ekim 2016
- XVIII. **New and effective tin catalyst and its catalytic activity over polymerization of caprolactone**  
YILDIZ B. C., KAYAN A.  
28. ulusal kimya kongresi, Türkiye, 15 - 21 Ağustos 2016
- XIX. **New and effective tin catalyst and its catalytic activity over polymerization of caprolactone**  
YILDIZ B. C., KAYAN A.  
28. Ulusal Kimya Kongresi, Mersin, Türkiye, 15 - 21 Ağustos 2016
- XX. **Synthesis and Characterization of a New Class of Boron Based Asymmetric Poly Substituted Glycolides for Biomedical Applications**  
Vardar A., Arıcan M. O., YILDIZ U., KAYAN A., MERT O.  
46th IUPAC World Polymer Congress (MACRO 2016), 17 - 21 Temmuz 2016
- XXI. **Synthesis and characterization of new class of boron based asymmetric poly substituted glycolides for biomedical applications**  
vardar a., arıcan m. o., YILDIZ U., KAYAN A., MERT O.  
46th IUPAC world polymer congress MACRO2016, 17 Temmuz 2016
- XXII. **Syntheses and nanoformulations of novel boron based poly diisobutyl glycolide homopolymers and their copolymers with lactide for drug delivery systems**  
Arıcan M. O., Kandıra H. A., Duruksu G., Yıldız U., Kayan A., Mert O.  
46th IUPAC World Polymer Congress (MACRO 2016), İstanbul, Türkiye, 17 - 21 Temmuz 2016
- XXIII. **syntheses and nanoformulations of novel boron based poly diisobutyl glycolide homopolymers and their copolymers with lactide for drug delivery systems**  
arıcan m. o., kandıra a. h., DURUKSU G., YILDIZ U., KAYAN A., MERT O.

46th IUPAC World Polymer Congress, 17 - 21 Temmuz 2016

- XXIV. **Synthesis and characterization of a new class of boron based asymmetric poly substituted glycolides for biomedical applications**

Vardar A., Arıcan M. O., YILDIZ U., KAYAN A., MERT O.

46. IUPAC World Polymer Congress, 17 - 21 Temmuz 2016

- XXV. **NOVEL INORGANIC ORGANIC HYBRID ADSORBENT FOR REMOVAL OF SOME HEAVY METAL ION**  
CERRAHOĞLU E., KAYAN A., BİNGÖL D.

3rd INTERNATIONAL CONFERENCE on NEW TRENDS on CHEMOMETRICS and APPLICATIONS, 25 - 28 Mayıs 2016

- XXVI. **Novel Inorganic Organic Hybrid Adsorbent for Removal of Some Heavy Metal Ions**

Cerrahoğlu E., Kayan A., Bingöl D.

Third International Conference on New Trends in Chemometrics and Applications, Antalya, Türkiye, 25 - 28 Mayıs 2016

- XXVII. **NaOSiMe<sub>3</sub> BAĞLANMIŞ YENİ BİR ORGANİK İNORGANİK HİBRİT MATERYALİN METAL ADSORPSİYON ÖZELLİKLERİNİN YANIT YÜZEY METODU YAKLAŞIMI İLE İNCELENMESİ**  
CERRAHOĞLU E., KAYAN A., BİNGÖL D.

IV. ESER ANALİZ KONGRESİ, Türkiye, 19 - 22 Mayıs 2016

- XXVIII. **NaOSiMe<sub>3</sub> BAĞLANMIŞ YENİ BİR ORGANİK İNORGANİK HİBRİT MATERYALİN METAL ADSORPSİYON ÖZELLİKLERİNİN YANIT YÜZEY METODU YAKLAŞIMI İLE İNCELENMESİ**  
CERRAHOĞLU E., KAYAN A., BİNGÖL D.

IV Eser Analiz Kongresi, ESan2016, Türkiye, 19 - 21 Mayıs 2016

- XXIX. **Ring opening polymerizations of epoxide GPTS and lactide with the catalysts of silyliminophenolate based zirconium compound**

MERT O., KAYAN A.

250th ACS National Meeting, Boston, Massachusetts, 16 - 20 Ağustos 2015

- XXX. **Ring opening polymerizations of epoxide GPTS and lactide with the catalysts of silyliminophenolate based zirconium compounds**

MERT O., KAYAN A.

ACS national meeting, Boston, (2015), 16 - 20 Ağustos 2015

- XXXI. **Synthesis of new and effective catalysts of Sn and their catalytic activity over polymerization of caprolactone**

Yıldız B. c., KAYAN A.

OMCOS18 , Organometallic Chemistry Directed Towards Organic Synthesis Barcelona , ispanya (2015), İspanya, 28 Haziran - 02 Temmuz 2015

- XXXII. **Synthesis of new and effective catalysts of Sn and their catalytic activity over polymerization of caprolactone**

YILDIZ B. C., KAYAN A.

OMCOS18 , Organometallic Chemistry Directed Towards Organic Synthesis Barcelona, 28 Haziran - 02 Temmuz 2015

- XXXIII. **Syntheses and Characterizations of Poly Diethyl Glycolide Polymers**

MEHMET ONUR A., KAYAN A., YILDIZ U., MERT O.

EPF2015, European Polymer Congress, Dresden, Germany, (2015), 21 - 23 Haziran 2015

- XXXIV. **Yeni Bor Bazlı Biyomalzemelerin Sentezleri ve İlaç Sistemlerinde Uygulamaları**

MERT O., KAYAN A.

Fiziksel Kimya Kongresi, Denizli, 2014, Türkiye, 5 - 07 Haziran 2015

- XXXV. **Sn SİMPH ve Sn SAMPH Bileşiklerinin Sentezlenmesi ve Katalitik Etkisinin İncelenmesi**

YILDIZ B. C., KAYAN A.

V. Ulusal Anorganik Kimya Kongresi, Türkiye, 22 - 25 Nisan 2015

- XXXVI. **Sn SİMPH ve Sn SAMPH Bileşiklerinin Sentezlenmesi ve Katalitik Etkisinin İncelenmesi**

YILDIZ B. C., KAYAN A.

Ulusal Anorganik Kimya Kongresi, Mersin, (2015), Türkiye, 22 - 24 Nisan 2014

- XXXVII. **Comparison of Removal Lead II From Aqueous Solution on Novel Inorganic organic Hybrid Materials**

BOZ Y., KARAYÜNLÜ BOZBAŞ S., AY Ü., KAYAN A.

6th Black Sea Basin Conference on Analytical Chemistry, 10 - 14 Eylül 2013

**XXXVIII. Energy storage performance of metal allyl acetoacetate complex**

Kayiran S., KAYAN A., Lamari F., Weinberger B., Farhat S.

16th World Hydrogen Energy Conference 2006, WHEC 2006, Lyon, Fransa, 13 - 16 Haziran 2006, cilt.2, ss.1353-1355

**XXXIX. Synthesis and reactions of unsaturated ligands containing Al and Zr alkoxide precursors**

Kayan A.

Proc. of the First European Workshop on Hybrid Organic-Inorganic Materials , Chateauroux, Fransa, 8 - 10 Kasım 1993, ss.319-323

## Diğer Yayınlar

**I. Spectroscopic investigation on the reactions of tin and titanium alkoxides with 3-pentenoic acid**

Kayan A., Bulut G.

Diğer, ss.28-32, 2008

## Desteklenen Projeler

KAYAN A., YILDIZ ARAS B. C., Yükseköğretim Kurumları Destekli Proje, KALAY, BOR VE TİTANYUM İMİN/AMİN BİLEŞİKLERİNİN SENTEZİ VE ANTI BAKTERİYEL ETKİSİNİN ARAŞTIRILMASI, 2017 - 2018

KAYAN A., Yükseköğretim Kurumları Destekli Proje, ORGANOKALAY BİLEŞİKLERİNİN HAZIRLANMASI VE KATALİZÖR OLARAK KULLANILMASI, 2016 - 2017

KAYAN A., Yükseköğretim Kurumları Destekli Proje, LAKTİD VE EPOKSİLERİN HALKA AÇILMASI POLİMERİZASYONUNDA KULLANILACAK YENİ KATALİZÖRLERİN SENTEZLENMESİ, YAPILARININ AYDINLATILMASI VE UYGULAMALARI, 2014 - 2016

KAYAN A., Yükseköğretim Kurumları Destekli Proje, Metal Alkolat Esaslı Yeni Katalizörlerin Hazırlanması ve Bunların Halka-Açılması Polimerizasyonunda Kullanılması, 2012 - 2013

## Bilimsel Dergilerdeki Faaliyetler

Science journal of chemistry, Editörler Kurulu Üyesi, 2018 - 2021

## Metrikler

Yayın: 85

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Atıf (Scopus): 634

H-İndeks (WoS): 15

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## Akademi Dışı Deneyim

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