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ScopusID: 6603345523

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Education Information

Doctorate, Ohio State University, United States Of America 1994 - 1999

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Kimya (YI), Turkey 1990 - 1992

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1985 - 1989

Dissertations

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

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

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2015 - Continues

Academic and Administrative Experience

Head of Department, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Sol Gel obtained Ti/Co/Mn oxides doped with 5wt% CuO for the photocatalytic removal of organic azo dyes from wastewater
Baig M. T., KAYAN A.

MATERIALS RESEARCH BULLETIN, vol.180, 2024 (SCI-Expanded)

- II. **Advanced biopolymer-based Ti/Si-terephthalate hybrid materials for sustainable and efficient adsorption of the tetracycline antibiotic**
Baig M. T., KAYAN A.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.280, 2024 (SCI-Expanded)
- III. **A Study on Tailoring Silver Release from Micro-Arc Oxidation Coating Fabricated on Titanium**
Kayan G. O., Muhaffel F., Kayan A., Nofar M., Cimenoglu H.
ADVANCED ENGINEERING MATERIALS, 2024 (SCI-Expanded)
- IV. **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, vol.58, no.5, pp.862-883, 2023 (SCI-Expanded)
- V. **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, vol.32, no.7, pp.2781-2792, 2022 (SCI-Expanded)
- VI. **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, vol.261, pp.256-265, 2022 (SCI-Expanded)
- VII. **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, vol.29, no.11, pp.3477-3496, 2021 (SCI-Expanded)
- VIII. **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, vol.31, no.8, pp.3613-3623, 2021 (SCI-Expanded)
- IX. **Ti(IV)-silyliminophenolate catalysts for ϵ -caprolactone and L-Lactide polymerization**
Yildiz B. C., Kayan A.
Sustainable Chemistry and Pharmacy, vol.21, pp.100416, 2021 (SCI-Expanded)
- X. **Non-Toxic and Environmentally Friendly Titanium Complexes and Their Effects on epsilon-Caprolactone Polymerization**
Yildiz Aras B. C., Kayan A.
CATALYSIS SURVEYS FROM ASIA, vol.24, no.4, pp.313-324, 2020 (SCI-Expanded)
- XI. **Recent Studies on Single Site Metal Alkoxide Complexes as Catalysts for Ring Opening Polymerization of Cyclic Compounds**
Kayan A.
Catalysis Surveys from Asia, vol.24, no.2, pp.87-103, 2020 (SCI-Expanded)
- XII. **Copolymerization reactions of butadiene monoxide with 3-glycidyloxypropyltrimethoxysilane and styrene oxide and their glycol derivatives**
KAYAN A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.14, 2019 (SCI-Expanded)
- XIII. **Inorganic-organic hybrid materials and their adsorbent properties**
KAYAN A.
ADVANCED COMPOSITES AND HYBRID MATERIALS, vol.2, no.1, pp.34-45, 2019 (SCI-Expanded)
- XIV. **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, vol.53, pp.2563-2572, 2018 (SCI-Expanded)
- XV. **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, vol.21, no.3, pp.231-237, 2017 (SCI-Expanded)

- XVI. **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, vol.27, pp.427-435, 2017 (SCI-Expanded)
- XVII. **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, vol.20, pp.89-96, 2017 (SCI-Expanded)
- XVIII. **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, vol.26, pp.895-906, 2016 (SCI-Expanded)
- XIX. **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, vol.26, no.3, pp.640-647, 2016 (SCI-Expanded)
- XX. **Preparation, Characterization and Application of Hybrid Materials Having Multifunctional Properties**
Kayan A.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.25, no.6, pp.1345-1352, 2015 (SCI-Expanded)
- XXI. **Synthesis of poly(styrene oxide) with different molecular weights using tin catalysts**
Kayan A.
DESIGNED MONOMERS AND POLYMERS, vol.18, no.6, pp.545-549, 2015 (SCI-Expanded)
- XXII. **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, vol.80, pp.409-416, 2014 (SCI-Expanded)
- XXIII. **Preparation of L-Lactide/3-Glycidyloxypropyltrimethoxysilane Copolymeric Materials with Various Catalysts**
KAYAN A., MERT O.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.24, no.6, pp.1055-1062, 2014 (SCI-Expanded)
- XXIV. **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, vol.2, no.2, pp.935-942, 2014 (SCI-Expanded)
- XXV. **Novel inorganic-organic hybrid polymers to remove heavy metals from aqueous solution**
Bozbas S., Ay Ü., KAYAN A.
DESALINATION AND WATER TREATMENT, vol.51, pp.7208-7215, 2013 (SCI-Expanded)
- XXVI. **Synthesis of silyliminophenolate zirconium compounds and their catalytic activity over lactide/epoxide**
MERT O., KAYAN A.
APPLIED CATALYSIS A-GENERAL, vol.464, pp.322-331, 2013 (SCI-Expanded)
- XXVII. **Preparation, Characterization and Application of Inorganic-Organic Hybrid Polymers, Poly-GPTS/M(CL)(x)O(OH)**
Kayan A.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.51, no.41, pp.13339-13345, 2012 (SCI-Expanded)

- XXVIII. **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, vol.433, pp.223-228, 2012 (SCI-Expanded)
- XXIX. **Preparation of Al, Ti, Zr-perfluoroheptanoate compounds and their use in ring opening polymerization**
YALCIN G., YILDIZ U., KAYAN A.
APPLIED CATALYSIS A-GENERAL, vol.423, pp.205-210, 2012 (SCI-Expanded)
- XXX. **Polymerization of 3-glycidyloxypropyltrimethoxysilane with different catalysts**
Kayan A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.123, no.6, pp.3527-3534, 2012 (SCI-Expanded)
- XXXI. **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, vol.15, no.4, pp.405-416, 2012 (SCI-Expanded)
- XXXII. **Solvent effect on complexation of titanium tetraethoxide with allylacetoacetate**
Kayan A.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.15, no.3, pp.361-365, 2005 (SCI-Expanded)
- XXXIII. **Effects of different amount of As₂O₃ and TiO₂ on the chemical, physical and electrical properties of the base material MnO₂**
ESMER K., Kadiroglu U., TARCAN E., KAYAN A.
MATERIALS LETTERS, vol.59, no.10, pp.1125-1129, 2005 (SCI-Expanded)
- XXXIV. **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, vol.95, no.4, pp.790-796, 2005 (SCI-Expanded)
- XXXV. **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, vol.14, no.3, pp.191-200, 2004 (SCI-Expanded)
- XXXVI. **Electrical and dielectrical properties of the MnO₂ doped with As₂O₃ and SnO**
KAYAN A., TARCAN E., Kadiroglu U., ESMER K.
MATERIALS LETTERS, vol.58, no.16, pp.2170-2174, 2004 (SCI-Expanded)
- XXXVII. **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, vol.13, no.1, pp.29-39, 2003 (SCI-Expanded)
- XXXVIII. **Complexation of titanium alkoxides with cis-2-butene-1,4-diol and hydrolysis of their products**
Kayan A.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS, vol.13, pp.29-39, 2003 (SCI-Expanded)
- XXXIX. **Oxidative addition reactions of Rh(SbPh₃)(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, vol.319, pp.187-193, 2001 (SCI-Expanded)
- XL. **Reactions of Rh(SbPh₃)(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, vol.630, no.1, pp.44-56, 2001 (SCI-Expanded)
- XLI. **An unusual reaction of Rh(SbPh₃)(3)(CO)Cl with propargyl halides: the formation of rhodiacyclopent-3-ene-2-one complexes**

Kayan A., Gallucci J., Wojcicki A.

INORGANIC CHEMISTRY COMMUNICATIONS, vol.1, no.11, pp.446-448, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **Zirconium Complexes Bearing Methyl/^tButyl Salicylate and Their Catalytic Activity on ϵ -Caprolactone**
Uzun G., Kayan A.
REACTIONS, vol.5, no.3, pp.594-606, 2024 (ESCI)
- II. **Polycaprolactone Composites/Blends and Their Applications Especially in Water Treatment**
Kayan G. Ö., Kayan A.
CHEMENGINEERING, vol.7, no.6, 2023 (ESCI)
- III. **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, vol.5, pp.1095-1104, 2018 (Scopus)
- IV. **Preparation and characterization of TAMP/TIMP-Ti and Zr compounds and their catalytic activity over propylene oxide and ϵ -caprolactone**
Kayan A.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.4, no.1, pp.59-80, 2017 (Peer-Reviewed Journal)
- V. **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, vol.44, pp.35-50, 2012 (ESCI)
- VI. **Spectroscopic Investigation on the Reactions of Tin and Titanium Alkoxides with 3-Pentenoic Acid**
Kayan A.
The Open macromolecules journal, vol.2, pp.38-42, 2008 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- 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, Turkey, 23 - 25 November 2023, pp.1-6
- II. **Poli(Diizobütül Glikolid)-Bazlı Nanoteranostik Sistemler: Kanser Tedavisi ve Teşhisinde İlerlemenin Umut 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, Turkey, 04 September 2023
- III. **Zirkonyum Propoksit ve Zirkonyum Bütoksit'in Sübstitüe Salisilik Asit ile Tepkimesi ve Katalizör Etkisi**
Uzun G., Yıldız B. C., Kayan A.
32. Ulusal Kimya Kongresi, Eskişehir, Turkey, 17 - 19 September 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 September 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 September 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, Turkey, 9 - 11 May 2018
- VII. **SYNTHESIS OF TIN(IV) A-BENZOIN OXIME COMPOUNDS AND THEIR CATALYTIC ACTIVITY OVER POLYMERIZATION OF ϵ -CAPROLACTONE**
YILDIZ B. C., KAYAN A.
Ancon 2017 INTERNATIONAL CONGRESS ON CHEMISTRY AND MATERIALS SCIENCE 5-7 October, 2017/Ankara-TURKEY, 5 - 07 November 2017
- VIII. **Synthesis of Tin(IV) α -Benzoin Oxime Compounds and Their Catalytic Activity over Polymerization of ϵ -Caprolactone**
YILDIZ B. C., KAYAN A.
Int Congress on Chem and Mater Sci., ANCON 2017, 5 - 07 October 2017
- IX. **SYNTHESIS OF NEW MATERIALS OF TIN(IV) COMPOUNDS and THEIR CATALYTIC ACTIVITY OVER POLYMERIZATION OF ϵ -CAPROLACTONE**
YILDIZ B. C., KAYAN A.
16TH EPF EUROPEAN POLYMER CONGRESS, 2 - 07 July 2017
- X. **SYNTHESIS OF NEW MATERIALS OF TIN(IV) COMPOUNDS and THEIR CATALYTIC ACTIVITY OVER POLYMERIZATION OF ϵ -CAPROLACTONE**
YILDIZ B. C., KAYAN A.
epflyon 2017 16th EPF EUROPEAN POLYMER CONGRESS July2nd-7th, 2017 Lyon-FRANCE, 2 - 07 July 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, Turkey, 13 - 15 October 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 October 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 September - 02 October 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 September - 02 October 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 September - 02 October 2016, pp.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 September - 02 October 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 September - 02 October 2016
- XVIII. **New and effective tin catalyst and its catalytic activity over polymerization of caprolactone**
YILDIZ B. C., KAYAN A.
28. ulusal kimya kongresi, Turkey, 15 - 21 August 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, Turkey, 15 - 21 August 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 July 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 July 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, Turkey, 17 - 21 July 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 July 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 July 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 May 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, Turkey, 25 - 28 May 2016
- XXVII. **NaOSiMe₃ 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, Turkey, 19 - 22 May 2016
- XXVIII. **NaOSiMe₃ 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, Turkey, 19 - 21 May 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 August 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 August 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), Spain, 28 June - 02 July 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 June - 02 July 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 June 2015

XXXIV. Yeni Bor Bazlı Biyomalzemelerin Sentezleri ve İlaç Sistemlerinde Uygulamaları

MERT O., KAYAN A.

Fiziksel Kimya Kongresi, Denizli, 2014, Turkey, 5 - 07 June 2015

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

YILDIZ B. C., KAYAN A.

V. Ulusal Anorganik Kimya Kongresi, Turkey, 22 - 25 April 2015

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

YILDIZ B. C., KAYAN A.

Ulusal Anorganik Kimya Kongresi, Mersin, (2015), Turkey, 22 - 24 April 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 September 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, France, 13 - 16 June 2006, vol.2, pp.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, France, 8 - 10

November 1993, pp.319-323

Other Publications

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

Kayan A., Bulut G.

Other, pp.28-32, 2008

Supported Projects

KAYAN A., YILDIZ ARAS B. C., Project Supported by Higher Education Institutions, KALAY, BOR VE TİTANYUM

İMİN/AMİN BİLEŞİKLERİNİN SENTEZİ VE ANTİ BAKTERİYEL ETKİSİNİN ARAŞTIRILMASI, 2017 - 2018

KAYAN A., Project Supported by Higher Education Institutions, ORGANOKALAY BİLEŞİKLERİNİN HAZIRLANMASI VE

KATALİZÖR OLARAK KULLANILMASI, 2016 - 2017

KAYAN A., Project Supported by Higher Education Institutions, LAKTİD VE EPOKSİLERİN HALKA AÇILMASI

POLİMERİZASYONUNDA KULLANILACAK YENİ KATALİZÖRLERİN SENTEZLENMESİ, YAPILARININ AYDINLATILMASI VE

UYGULAMALARI, 2014 - 2016

KAYAN A., Project Supported by Higher Education Institutions, Metal Alkolat Esaslı Yeni Katalizörlerin Hazırlanması ve

Bunların Halka-Açılması Polimerizasyonunda Kullanılması, 2012 - 2013

Activities in Scientific Journals

Science journal of chemistry, Committee Member, 2018 - 2021

Metrics

Publication: 89

Citation (WoS): 651

Citation (Scopus): 692

H-Index (WoS): 16

H-Index (Scopus): 17

Non Academic Experience

Dr. Saadettin Hacıevliyagil