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Education Information

Post Doctorate, Aalborg Universitet (Aalborg University), The Faculty Of Engineering And Science, Department Of Chemistry And Bioscience, Denmark 2018 - 2019

Doctorate, Karadeniz Technical University, Fen Bilimleri, Kimya, Turkey 2007 - 2014

Under Graduate, Karadeniz Technical University, Fatih Eğitim Fakültesi, Kimya Eğitimi, Turkey 2002 - 2007

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Genleştirilmiş Polistiren Atığının TiO₂ ile Modifikasyonu ve Çeşitli Kirletici Türlerinin Gideriminde Kullanılabilirliğinin Araştırılması, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Kimya, 2014

Research Areas

Environmental Engineering, Environmental Sciences, Environmental Chemistry, Metallurgical and Materials Engineering, Material science and engineering, Nanomaterials, Chemistry, Analytical Chemistry, Spectroscopical Methods, Surface Analysis, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Rektörlük, Rektörlük, 2017 - Continues

Lecturer PhD, Karadeniz Technical University, Rektörlük, Fen Fakültesi, Kimya Bölümü, 2016 - Continues

Research Assistant, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Kimya, 2008 - 2014

Courses

Fundamentals of Photocatalysis and Applications, Doctorate, 2018 - 2019

Temel Kimya, Under Graduate, 2018 - 2019

Elektroanalitik Yöntemler, Under Graduate, 2018 - 2019

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

- I. **Hydrothermal preparation of B-TiO₂-graphene oxide ternary nanocomposite, characterization and photocatalytic degradation of bisphenol A under simulated solar irradiation**
ALTIN İ., Ma X., Boffa V., BACAŞIZ E., Magnacca G.
Materials Science in Semiconductor Processing, vol.123, 2021 (Journal Indexed in SCI)
- II. **Immobilized TiO₂/ZnO Sensitized Copper (II) Phthalocyanine Heterostructure for the Degradation of Ibuprofen under UV Irradiation**
Anucha C. B. , Altın İ., Bacaksız E., Değirmencioğlu İ., Küçükömeroğlu T., Yılmaz S., Stathopoulos V. N.
SEPARATIONS, vol.8, no.24, pp.1-21, 2021 (Journal Indexed in SCI Expanded)
- III. **Enhanced Photocatalytic Activity of CuWO₄ Doped TiO₂ Photocatalyst Towards Carbamazepine Removal under UV Irradiation**
Anucha C. B. , Altın İ., Bacaksız E., Küçükömeroğlu T., Belay M. H. , Stathopoulos V. N.
SEPARATIONS, vol.8, no.3, pp.1-23, 2021 (Journal Indexed in SCI Expanded)
- IV. **Synthesis and characterization of B/NaF and silicon phthalocyanine-modified TiO₂ and an evaluation of their photocatalytic removal of carbamazepine**
Anucha C. B. , Altın İ., Fabbri D., Değirmencioğlu İ., Calza P., Magnacca G., Stathopoulos V. N. , Bacaksız E.
Separations, vol.7, no.4, pp.1-20, 2020 (Journal Indexed in SCI Expanded)
- V. **Synthesis, Characterization, and Photocatalytic Evaluation of Manganese (III) Phthalocyanine Sensitized ZnWO₄ (ZnWO₄MnPc) for Bisphenol A Degradation under UV Irradiation**
Anucha C. B. , Altın İ., Biyıklıoğlu Z., Bacaksız E., Polat İ., Stathopoulos V. N.
NANOMATERIALS, vol.10, no.11, 2020 (Journal Indexed in SCI)
- VI. **The effect of microporous vanadosilicate AM-6 thin films as photocatalysts for the degradation of methylene blue**
Kuzyaka D., Galioglu S., ALTIN İ., Sökmen M., Akata B.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.366, pp.127-135, 2018 (Journal Indexed in SCI)
- VII. **Use of azomethine-bridged phenolic metallophthalocyanines for sensitization of TiO₂**
KOC M., ALBAY C., ALTIN İ., Bayrak R., Gokce H., DEĞİRMENCİOĞLU İ., SOKMEN M.
DESALINATION AND WATER TREATMENT, vol.59, pp.191-201, 2017 (Journal Indexed in SCI)
- VIII. **Preparation of phthalocyanine/TiO₂ nanocomposites for photocatalytic removal of toxic Cr(VI) ions**
Bayrak R., ALBAY C., KOC M., ALTIN İ., DEĞİRMENCİOĞLU İ., SOKMEN M.
PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, vol.102, pp.294-302, 2016 (Journal Indexed in SCI)
- IX. **Quaternized zinc(II) phthalocyanine-sensitized TiO₂: surfactant-modified sol-gel synthesis, characterization and photocatalytic applications**
ALTIN İ., Sokmen M., BIYIKLIOĞLU Z.
DESALINATION AND WATER TREATMENT, vol.57, no.34, pp.16196-16207, 2016 (Journal Indexed in SCI)
- X. **New dye sensitized photocatalysts: Copper(II)-phthalocyanine/TiO₂ nanocomposite for water remediation**
ALBAY C., KOC M., ALTIN İ., Bayrak R., DEĞİRMENCİOĞLU İ., SOKMEN M.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.324, pp.117-125, 2016 (Journal Indexed in SCI)
- XI. **Sol gel synthesis of cobalt doped TiO₂ and its dye sensitization for efficient pollutant removal**
ALTIN İ., Sokmen M., BIYIKLIOĞLU Z.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.45, pp.36-44, 2016 (Journal Indexed in SCI)
- XII. **New dye sensitized photocatalyst: Copper(II)-phthalocyanine/TiO₂ nanocomposite for water remediation**
Albay C., Koç M., ALTIN İ., Bayrak R., DEĞİRMENCİOĞLU İ., SÖKMEN M.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.324, pp.117-125, 2016 (Journal Indexed in SCI)
- XIII. **Preparation of Phthalocyanine /TiO₂ nanocomposites for Photocatalytic Removal of Toxic Cr(VI)**

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Bayrak R., Albay C., Koç M., ALTIN İ., DEĞİRMENCİOĞLU İ., SÖKMEN M.

PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, vol.102, pp.294-302, 2016 (Journal Indexed in SCI)

- XIV. **TiO₂ immobilized PCL for photocatalytic removal of hexavalent chromium from water**
Akkan S., ALTIN İ., Koc M., Sokmen M.
DESALINATION AND WATER TREATMENT, vol.56, no.9, pp.2522-2531, 2015 (Journal Indexed in SCI)
- XV. **Buoyant photocatalyst based on ZnO immobilized on polystyrene beads for the treatment of pollutants**
ALTIN İ., SÖKMEN M.
CLEAN-SOIL AIR WATER, vol.43, pp.1025-1030, 2015 (Journal Indexed in SCI)
- XVI. **The influence of Cu-doping on structural, optical and photocatalytic properties of ZnO nanorods**
Polat İ., Yılmaz S., Altin İ., BACAŞIZ E., Sökmen M.
MATERIALS CHEMISTRY AND PHYSICS, vol.148, no.3, pp.528-532, 2014 (Journal Indexed in SCI)
- XVII. **Photocatalytic Properties of Silver incorporated titania nanoparticles immobilized on waste-derived polystyrene**
ALTIN İ., SÖKMEN M.
WATER AIR AND SOIL POLLUTION, vol.225, pp.1786-1798, 2014 (Journal Indexed in SCI)
- XVIII. **Preparation of TiO₂-polystyrene photocatalyst from waste material and its usability for removal of various pollutants**
ALTIN İ., Sokmen M.
APPLIED CATALYSIS B-ENVIRONMENTAL, vol.144, pp.694-701, 2014 (Journal Indexed in SCI)
- XIX. **TiO₂ Immobilized Biodegradable Polymer for Photocatalytic Removal of Chlorophenol**
SIVLİM T., AKKAN S., ALTIN İ., KOC M., Sokmen M.
WATER AIR AND SOIL POLLUTION, vol.223, no.7, pp.3955-3964, 2012 (Journal Indexed in SCI)
- XX. **A short literature survey on iron and cobalt ion doped TiO₂ thin films and photocatalytic activity of these films against fungi**
Tatlidil İ., BACAŞIZ E., BURUK C. K. , Breen C., Sokmen M.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.517, pp.80-86, 2012 (Journal Indexed in SCI)
- XXI. **ZnO and ZnS microrods coated on glass and photocatalytic activity**
Altin İ., POLAT İ., BACAŞIZ E., Sokmen M.
APPLIED SURFACE SCIENCE, vol.258, no.11, pp.4861-4865, 2012 (Journal Indexed in SCI)
- XXII. **TiO₂ immobilized biodegradable polymer for photocatalytic removal of Chlorophenol**
Sivlim T., Akkan Ş., ALTIN İ., SÖKMEN M.
Water, Air, WATER AIR AND SOIL POLLUTION, vol.223, pp.3955-3964, 2012 (Journal Indexed in SCI)
- XXIII. **Degradation of Candida albicans on TiO₂ and Ag-TiO₂ thin films prepared by sol-gel and nanosuspensions**
Tatlidil İ., Sokmen M., Breen C., Clegg F., Buruk C. K. , BACAŞIZ E.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.60, no.1, pp.23-32, 2011 (Journal Indexed in SCI)
- XXIV. **A new nano-TiO₂ immobilized biodegradable polymer with self-cleaning properties**
Sokmen M., TATLIDİL İ., Breen C., Clegg F., BURUK C. K. , SIVLİM T., AKKAN S.
JOURNAL OF HAZARDOUS MATERIALS, vol.187, pp.199-205, 2011 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Photocatalytic degradation of methylene blue over cobalt-doped TiO₂ loaded on graphene oxide**
Altın İ.
EURO ASIA 7th. International Congress on Applied Sciences, Trabzon, Turkey, 21 - 22 August 2020, pp.1
- II. **Structural, Optical and Photocatalytic Properties of Cu-ZnO and ZnO Nanorods**
ALTIN İ., YILMAZ S., POLAT İ., BACAŞIZ E., SÖKMEN M.
10th Nanoscience and Nanotechnology Conference, 17 June-21 June 2014, Yeditepe Üniversitesi, İstanbul, Turkey,

pp.1

- III. **Photocatalytic removal of toxic Cr (VI) with phthalocyanine immobilized TiO₂**
Koç M., Albay C., ALTIN İ., Bayrak R., DEĞİRMENCİOĞLU İ., SÖKMEN M.
Turkish Journal of Occupational/Environmental Medicine and Safety, Ankara, Turkey, vol.1, pp.1
- IV. **TiO₂ Nano-Particle Immobilized polymeric material and photocatalytic activity**
SÖKMEN M., Breen C., ALTIN İ., BACAKSIZ E., BURUK C. K.
International Conference on Semiconductor Photochemistry, 4-11 April 2010, United Kingdom, pp.1
- V. **Enhanced photocatalytic degradation of 4-chlorophenol in the presence of a new photocatalyst material**
ALTIN İ., Albay C., Koç M., Bayrak R., DEĞİRMENCİOĞLU İ., SÖKMEN M.
7th Black Sea Basin Conference on analytical Chemistry, 10-15 September 2015, Bulgaria, pp.1
- VI. **Synthesis of TiO₂ coated self-cleaning materials**
SÖKMEN M., ALTIN İ., Breen C., BACAKSIZ E., BURUK C. K.
7th Nanoscience and Nanotechnology Conference, Sabancı Üniversitesi, 27 June-01 July 2011, İstanbul, Turkey, pp.1
- VII. **Removal of Candida albicans over TiO₂ suspensions and thin film coated surface**
ALTIN İ., Breen C., BURUK C. K., BACAKSIZ E., Sivlim T., SÖKMEN M.
International Conference on Semiconductor Photochemistry, SP-3, 4-11 April 2010, United Kingdom, pp.10
- VIII. **Photoreduction of Cr(VI) in Aqueous Suspension Using Cu Phthalocyanine Modified Titanium Dioxide Nanoparticles**
ALTIN İ., Albay C., DEĞİRMENCİOĞLU İ., Bayrak R., Koç M., SÖKMEN M.
10th Nanoscience and Nanotechnology Conference, 17 June-21 June 2014, Yeditepe Üniversitesi, İstanbul, Turkey, pp.1
- IX. **Bazı sentetik doğal bileşiklerin antioksidant aktiviteleri**
SÖKMEN M., ALTIN İ., Khan A., Akyüz E.
XXIII. Ulusal Kimya Kongresi, Cumhuriyet Üniversitesi, 16-20 Haziran 2009, Sivas, Turkey, pp.1
- X. **Photocatalytic inactivation of Staphylococcus aureus in water using TiO₂ modified with Nickel phthalocyanine**
ALTIN İ., Albay C., Koç M., Bayrak R., DEĞİRMENCİOĞLU İ., SÖKMEN M.
7th Black Sea Basin Conference on analytical Chemistry, 10-15 September 2015, Bulgaria, pp.10
- XI. **Silicium phthalocyanine sensitized TiO₂ nanomaterials**
ALTIN İ., BIYIKLIOĞLU Z., SÖKMEN M.
7th Black Sea Basin Conference on analytical Chemistry, 10-15 September 2015, Bulgaria, pp.1
- XII. **ZnO and ZnS microrods coated on glass and photocatalytic activity**
ALTIN İ., POLAT İ., BACAKSIZ E., SÖKMEN M.
7th Nanoscience and Nanotechnology Conference, Sabancı Üniversitesi, 27 June-01 July 2011, İstanbul, Turkey, pp.1
- XIII. **Kendi Kendini Temizleme Özelliğine Sahip Titanyum Dioksit İnce Filmlerinin Çeşitli Materyaller Üzerine Kaplanması**
SÖKMEN M., BURUK C. K., ALTIN İ., BACAKSIZ E.
IOPT's İleri Oksidasyon Teknolojileri Çalıştayı, Boğaziçi Üniversitesi, 7-8 Kasım 2008, İstanbul, Turkey, pp.1
- XIV. **Degradation of chlorophenols by advanced oxidation methods**
Kartal Temel N., SÖKMEN M., ALTIN İ., Sivlim T., Akkan Ş.
5. Black Sea Basin Conference on Analytical Chemistry, 23-26 Eylül 2009, Ordu, Turkey, pp.1
- XV. **Atık polistirenin metilen mavisinin gideriminde kullanılması**
ALTIN İ., SÖKMEN M.
VI. Ulusal Analitik Kimya Kongresi, 3-7 Eylül 2012, Mustafa Kemal Üniversitesi, Hatay, Turkey, pp.1
- XVI. **Titanyum Dioksit İnce film kaplı kendi kendini temizleyen malzemeler**
SÖKMEN M., BACAKSIZ E., BURUK C. K., ALTIN İ., Sivlim T., Akkan Ş.
XXIII. Ulusal Kimya Kongresi, Cumhuriyet Üniversitesi, 16-20 Haziran 2009, Sivas, Turkey, pp.1
- XVII. **Preparation and antibacterial properties of silver and cobalt loaded nano TiO₂ particles**

- Yılmaz H., Atal S., Koç M., Serdaroğlu V., ALTIN İ., BURUK C. K., SÖKMEN M.
7th Nanoscience and Nanotechnology Conference, Sabancı Üniversitesi, 27 June-01 July 2011, İstanbul, Turkey, pp.1
- XVIII. **TiO₂ nano-particle immobilized polymeric material and photocatalytic activity**
SÖKMEN M., ALTIN İ., Sivlim T., Akkan Ş.
7th Nanoscience and Nanotechnology Conference, Sabancı Üniversitesi, 27 June-01 July 2011, İstanbul, Turkey, pp.1
- XIX. **ZnO ile Katkılandırılmış TiO₂ Nanotaneçiklerin Genleştirilmiş Polistirene Yüklenmesi ve Fotokatalitik Aktivitesinin İncelenmesi**
ALTIN İ., Albay C., Koç M., SÖKMEN M.
7. Ulusal Analitik Kimya Kongresi, 1-5 Eylül 2014, Kahramanmaraş, Turkey, pp.1
- XX. **Photocatalytic reduction of hexavalent chromium with TiO₂ immobilized on expanded polystyrene Beads**
ALTIN İ., SÖKMEN M.
8 th Aegean Analytical Chemistry Days, İzmir Yüksek teknoloji Enstitüsü, 16-20 September 2012, İzmir, Turkey, pp.1
- XXI. **Novel TiO₂ photocatalyst modified with peripheral and non-peripheral substituted copper (II) phthalocyanines: Photocatalytic reduction and disinfection properties**
SÖKMEN M., Albay C., Koç M., ALTIN İ., DEĞİRMENCİOĞLU İ., Bayrak R.
The 5th International conference on semiconductor photochemistry, 27-31 July 2015, Russia, pp.1
- XXII. **TiO₂'in fotoduyarlılığını arttırmak için ftalosiyanınların kullanımı**
Koç M., Albay C., ALTIN İ., Bayrak R., DEĞİRMENCİOĞLU İ., SÖKMEN M.
7. Ulusal Analitik Kimya Kongresi, 1-5 Eylül 2014, Kahramanmaraş, Turkey, pp.1
- XXIII. **The photocatalytic removal of Escherichia coli and Aspergillus niger from water**
ALTIN İ., Koç M., SÖKMEN M.
6th Black Sea Basin Conference on Analytical Chemistry, 10-14 September 2013, Trabzon, Turkey, pp.1
- XXIV. **Photocatalytic degradation of bisphenol A under visible light over graphene oxide based heterojunction CuO-TiO₂ composite catalysts**
ALTIN İ.
International Conference on Chemical Energy and Semiconductor Photochemistry, Trabzon, Turkey, 4 - 06 September 2019, pp.1
- XXV. **Ceramic Paste Preparation and Suspension Wash Coats Formulation for Disc Shaped γ -Al₂O₃ Substrate**
Bethel C. A., ALTIN İ., Pandis P. K., Stathopoulos V. N., Georgiopoulos I., Tatoudi Z., Argiris C., BACAŞIZ E.
International Conference on Chemical Energy and Semiconductor Photochemistry (CESCOP-2019), Trabzon, Turkey, 4 - 06 September 2019, pp.1
- XXVI. **Development of Photocatalytic TiO₂ Washcoats Over Porous γ -Al₂O₃ Substrates**
Bethel C. A., ALTIN İ., Pandis P. K., Stathopoulos V. N., Georgiopoulos I., Tatoudi Z., Argiris C., BACAŞIZ E.
International Conference on Chemical Energy and Semiconductor Photochemistry (CESCOP-2019), Trabzon, Turkey, 4 - 06 September 2019, pp.1
- XXVII. **Synthesis, characterization, and photocatalytic tests of novel photocatalysts**
Bethel C. A., ALTIN İ., Fabbri D., DEĞİRMENCİOĞLU İ., Calza P., BACAŞIZ E., Stathopoulos V.
17th International Conference on Chemistry and the Environment (ICCE 2019), Thessaloniki, Greece, 16 - 20 June 2019, pp.1
- XXVIII. **The Effect of Defect Creation in Microporous Vanadosilicate AM-6 Thin Films on Their Photocatalytic Performances**
Kuzyaka D., Galioglu S., ALTIN İ., Akata B., Sökmen M.
NANOTR-14 Conference-14th Nanoscience and Nanotechnology Conference, İzmir, Turkey, 1 - 05 September 2018, pp.1
- XXIX. **The Effect of Microporous Vanadosilicate AM-6 Thin Films as photocatalyst for the Degradation of Methylene Blue**

- Kuzyaka D., Galioğlu S., ALTIN İ., Sökmen M., Akata B.
34th GFZ Congress, Cabourg, France, 1 - 04 June 2018, pp.1
- XXX. **The Effect Of Microporous Vanadosilicate AM-6 Thin Films As Photocatalysts For The Degradation Of Methylene Blue**
KUZYAKA D., GALIOĞLU S., ALTIN İ., SÖKMEN M., AKATA KURÇ B.
34th GFZ Congress, Cabourg, France, 26 - 29 March 2018
- XXXI. **Photocatalytic Properties of TiO₂ Nanoparticles Prepared by Sol-Gel Method in the Presence of Different Surfactants**
Koç Keşir M., Sarıkaya İ., ALTIN İ., Sökmen M., Bilgen S.
International Porous & Powder Materials Symposium and Exhibitions (PPM 2017), İzmir, Turkey, 12 - 15 September 2017, pp.1
- XXXII. **Photocatalytic activity of TiO₂ modified by silicon phthalocyanine in dye-sensitized solar cells and degradation of methylene blue**
Sökmen M., ALTIN İ., Koç Keşir M., Biyiklioğlu Z.
6th International conference on semiconductor photochemistry, Oldenburg, Germany, 11 - 14 September 2017, pp.167
- XXXIII. **Effect of microporous vanadosilicate AM-6 thin films as photocatalysts for the degradation of methylene blue**
Kuzyaka D., Galioğlu S., ALTIN İ., Sökmen M., Akata B.
6th International conference on semiconductor photochemistry, Oldenburg, Germany, 11 - 14 September 2017, pp.150
- XXXIV. **Azometin Köprülü Fenolik Ftalosiyanınların TiO₂'in Duyarlaştırılmasında Kullanımı ve Staphylococcus aureus'un Fotokatalitik Giderimi**
DEĞİRMENCİOĞLU İ., Bayrak R., Koç M., Albay C., ALTIN İ., SÖKMEN M.
III. Ulusal Organik Kimya Kongresi, Trabzon, Turkey, 5 - 08 September 2016, pp.78
- XXXV. **Photocatalytic inactivation of Staphylococcus aureus in water using TiO₂ modified with Nickel phthalocyanine**
SÖKMEN M., ALTIN İ., ALBAY C., KOÇ M., DEĞİRMENCİOĞLU İ., BAYRAK R.
7th Black Sea basin Conference on Analytical Chemistry 7BBCAC, Varna, Bulgaria, 10 - 15 September 2015, pp.10
- XXXVI. **Silicium phthalocyanine sensitized TiO₂ nanomaterials**
SÖKMEN M., ALTIN İ., BIYIKLIOĞLU Z.
7th Black Sea basin Conference on Analytical Chemistry 7BBCAC, Varna, Bulgaria, 10 - 15 September 2015, pp.10
- XXXVII. **Enhanced photocatalytic degradation of 4-chlorophenol in the presence of a new photocatalyst material**
SÖKMEN M., ALBAY C., ALTIN İ., DEĞİRMENCİOĞLU İ., KOC M., BAYRAK R.
7th Black Sea basin Conference on Analytical Chemistry 7BBCAC, Varna, Bulgaria, 10 - 15 September 2015, pp.10
- XXXVIII. **Novel TiO₂ photocatalysts modified with peripheral and non-peripheral substituted copper (II) phthalocyanines: Photocatalytic reduction and disinfections properties**
SÖKMEN M., ALBAY C., KOÇ M., ALTIN İ., DEĞİRMENCİOĞLU İ., BAYRAK R.
5th International Conference on Semiconductor Photochemistry, SP5, St. Petersburg, Russia, 27 - 31 August 2015, pp.1
- XXXIX. **ZnO ile katkılanırılmış TiO₂ nanotaneçiklerin genleştıirilmiş polistirene yüklenmesi ve fotokatalitik aktivitesinin incelenmesi**
ALTIN İ., CANSU A., KOÇ M., SÖKMEN M.
7. Ulusal Analitik Kimya Kongresi, Sütçü İmam Üniversitesi, Kahramanmaraş, Turkey, 1 - 05 September 2014
- XL. **Structural, Optical and Photocatalytic Properties of Cu-ZnO and ZnO Nanorods**
SÖKMEN M., ALTIN İ., YILMAZ S., POLAT İ., BACAKSIZ E.
Nanoscience and Nanotechnology Conference of Turkey (NanoTR 10), İstanbul, Turkey, 17 - 21 June 2014, pp.10
- XLI. **Photoreduction of Cr(VI) in Aqueous Suspension Using Cu Phthalocyanine Modified Titanium Dioxide Nanoparticles**
SÖKMEN M., ALTIN İ., ALBAY C., DEĞİRMENCİOĞLU İ., BAYRAK R., KOÇ M.

- Nanoscience and Nanotechnology Conference of Turkey (NanoTR 10), İstanbul, Turkey, 17 - 21 June 2014, pp.1
- XLII. **Photocatalytic Properties of TiO₂ Nanoparticles Immobilized on Waste-Derived Polystyrene**
SÖKMEN M., ALTIN İ.
6th Black Sea basin Conference on Analytical Chemistry, Trabzon, Turkey, 10 - 14 September 2013, pp.10
- XLIII. **Photocatalytic Reduction of Hexavalent Chromium With TiO₂ Immobilized on Expanded Polystyrene Beads**
SÖKMEN M., ALTIN İ.
8th Aegean Analytical Chemistry Days, İzmir, Turkey, 16 - 20 September 2012, pp.10
- XLIV. **Preparation and Antibacterial Properties of Silver and Cobalt Loaded Nano TiO₂ Particles**
SÖKMEN M., ALTIN İ., BURUK K., YILMAZ H., KOÇ M., SERAROĞLU V., SERAROĞLU V., ATAL S.
7th Nanoscience and Nanotechnology Congress, İstanbul, Turkey, 27 June - 01 July 2011, pp.12
- XLV. **Synthesis of TiO₂ Coated Self-Cleaning Materials**
SÖKMEN M., ALTIN İ., BURUK K., BACAŞIZ E.
7th Nanoscience and Nanotechnology Congress, İstanbul, Turkey, 27 June - 01 July 2011, pp.10
- XLVI. **TiO₂ Nano-Particle Immobilized Polymeric Material and Photocatalytic Activity**
SÖKMEN M., ALTIN İ.
7th Nanoscience and Nanotechnology Congress, İstanbul, Turkey, 27 June - 01 July 2011, pp.10
- XLVII. **ZnO and ZnS Microrods Coated on Glass and Photocatalytic Activity**
SÖKMEN M., ALTIN İ., BACAŞIZ E., POLAT İ.
7th Nanoscience and Nanotechnology Congress, İstanbul, Turkey, 27 June - 01 July 2011, pp.11
- XLVIII. **Removal Of Candida albicans Over TiO₂ Suspensions and Thin Film Coated Surface**
SÖKMEN M., ALTIN İ.
International Conference on Semiconductor Photochemistry, Glasgow, United Kingdom, 4 - 07 April 2010, pp.10
- XLIX. **Titanyum dioksit ince film kaplı kendi kendini temizleyen malzemeler**
SÖKMEN M., BACAŞIZ E., BURUK C. K. , TATLIDİL İ., SİVLİM T., AKKAN Ş.
XXIII. Ulusal Kimya Kongresi, Cumhuriyet Üniversitesi, Sivas, Turkey, 16 - 20 March 2009

Supported Projects

ALTIN İ., EU Framework Program Project, (COST Action) Advanced Engineering and Research of aeroGels for Environment and Life Sciences, 2019 - Continues

Altın İ., Bacaksız E., H2020 Project, Interdisciplinary cross-sectoral approach to effectively address the removal of contaminants of emerging concern from water, 2017 - 2022

SAVAŞKAN YILMAZ S., KAYGUSUZ K., KOLCUOĞLU Y., ALTIN İ., BACAŞIZ E., Project Supported by Higher Education Institutions, INTERNATIONAL CONFERENCE ON CHEMICAL ENERGY AND SEMICONDUCTOR PHOTOCHEMISTRY, 2019 - 2020

Altın İ., Sökmen M., Project Supported by Higher Education Institutions, Co TiO₂ Ftalosiyanın nanokompozitlerin sentezi ve sentetik boya gideriminde kullanılabilirliği, 2015 - 2016

Altın İ., Sökmen M., Project Supported by Other Official Institutions, Nano-Gümüş Esaslı Antibakteriyel Yer ve Yüzey Dezenfektan Geliştirilmesi, 2014 - 2015

Altın İ., Sökmen M., Project Supported by Higher Education Institutions, TiO₂ yüklenmiş polistiren EPS in ağır metal gideriminde kullanılabilirliğinin araştırılması ve antibakteriyel özellikleri, 2012 - 2013

Altın İ., Sökmen M., Project Supported by Higher Education Institutions, Genleştirilmiş polistiren EPS atığının çeşitli kirletici türlerinin gideriminde kullanılabilirliğinin araştırılması, 2011 - 2012

SÖKMEN M., TUBITAK Project, Kendi Kendini Temizleme Özelliğine Sahip Titanyum Dioksit Nanofilm Kaplı Malzeme Üretimi ve Fotokatalitik Dezenfeksiyon Uygulamaları, 2008 - 2010

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