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Education Information

Doctorate, Yıldız Technical University, Faculty Of Arts & Science, Kimya, Turkey 1991 - 1997

Undergraduate, Yıldız Technical University, Faculty Of Arts & Science, Kimya, Turkey 1983 - 1987

Dissertations

Doctorate, Heterojen Fotokatalitik Degradasyon -Aromatik Kirleticilerin Sulu TiO₂ Suspansiyonlarında Fotokatalitik Degradasyon Kinetiğinin İncelenmesi, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Kimya/Fizikokimya, 1997

Postgraduate, Fotokimyasal olarak uyarılmış 1,1,3,3,3 pentafloropropen Molekülünün Ayrışma Reaksiyonlarına RRKM Kuramının Uygulanması ve İstatistiksel Ürün Dağılımı, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Kimya/Fizikokimya, 1990

Research Areas

Chemistry, Physical Chemistry, Chemical Kinetics, Natural Sciences

Academic Titles / Tasks

Professor, Yıldız Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2017 - Continues

Academic and Administrative Experience

Yıldız Teknik Üniversitesi, 2017 - Continues

Yıldız Teknik Üniversitesi, Kimya, 2007 - 2015

Courses

Doctorate

Endüstriyel fizikokimya, Doctorate, 2020 - 2021

Postgraduate

İleri Fizikokimya 2, Postgraduate, 2020 - 2021

Supervised Theses

San N., DOĞAL ADSORBANLAR İLE ATIKSU ADSORPSİYONU:CITRUS AURENTIUM ÇEKİRDEK KABUKLARINDAN ELDE EDİLEN ADSORBAN İLE NÖTRAL KIRMIZISININ SU ORTAMINDAN UZAKLAŞTIRILMASI, Postgraduate, N.Kurtuluş(Student), 2024

San N., Yeni Nesil Perovskit Güneş Hücreleri İçin Boşluk Aktarım Moleküllerin Tasarımı ve Uygulamaları, Doctorate, C.DOYRANLI(Student), 2023

San N., Pirinç kabuğu ve pirinç kabuğu silikası adsorbanları ile parlak yeşil boyarmaddesinin adsorpsiyonu: karakterizasyon ve kinetik çalışmalar, Postgraduate, Ö.SALİHOĞLU(Student), 2020

SAN N., FARKLI ELEMENTLERİN DUYARLILIKLARININ ALEVLİ ATOMİK ABSORPSİYON SPEKTROFOTOMETRE CİHAZINDA ARTTIRILMASINA YÖNELİK ANALİTİK YÖNTEMLERİN GELİŞTİRİLMESİ, Doctorate, Ç.BÜYÜKPINAR(Student), 2018

San N., Türkiye'nin farklı coğrafi bölgelerine ait natürel sızma zeytinyağı örneklerinin yağ asidi ve sterol bileşenleri ile yakın kızılötesi spektrumları arasındaki ilişkiler, Postgraduate, G.ÖZİNANÇ(Student), 2018

SAN N., Kil Katkılı Poli(Hipe)Adsorban Üzerinde Metil Moru Boyarmaddesinin Adsorpsiyonu:Kinetik, İzoterm ve Termodinamik İncelemeler, Postgraduate, S.SAYGI(Student), 2017

SAN N., Sudaki Organik Boyar Maddelerin Polimerik Reçineler Üzerine Kesikli ve Sürekli Sistemden Adsorpsiyonunun İncelenmesi, Doctorate, D.KAYA(Student), 2016

SAN N., Sulu Ortamdan 4-Nitrofenolün XAD-7 Reçinesi Üzerindeki Adsorpsiyon ve Desorpsiyonunun Deneysel Olarak İncelenmesi, Postgraduate, Ö.YILDIRIM(Student), 2016

SAN N., Reçine Üzerindeki Komplekslerin Adsorpsiyon İzotermilerin İncelenmesi, Postgraduate, S.Yaşar(Student), 2016

San N., Salisilik asit ile yüzey modifikasyonu yapılmış TiO₂ fotokatalizörü kullanılarak 4-nitrofenolün heterojen fotokatalitik degradasyonu, Postgraduate, D.Metinyurt(Student), 2011

Jury Memberships

Doctorate, Doctorate, Yıldız Teknik Üniversitesi, January, 2024

Associate Professor Exam, Associate Professor Exam, Yıldız Teknik Üniversitesi, December, 2023

Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, May, 2021

Post Graduate, Yüksek Lisnas tez savunma, Yıldız Teknik Üniversitesi, January, 2019

Doctorate, Doktora yeterlilik , Yıldız Teknik Üniversitesi, November, 2018

Post Graduate, Yüksek Lisnas tez savunma, Çanakkale Onsekiz Mart, August, 2018

Associate Professor Exam, 2017 Aralık Doçentlik jüri üyeliği, ÜAK, June, 2018

Doctoral Examination, Doktora yeterlilik sınav jürisi, YTÜ, Nisan 2018, Yıldız Teknik Üniversitesi, April, 2018

Associate Professor Exam, Associate Professor Exam, ÜAK, February, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- Trace determination of cobalt in heather leaf tea by matrix matching calibration assisted flame atomic absorption spectrometry following a dispersive liquid-liquid microextraction utilizing a Schiff base ligand**

Atakol A., ZEYDANLI D., Göver T., Atakol M., Serbest H., Karakebab K., Büyük M. A., ATAKOL O., BAKIRDERE S. Measurement: Journal of the International Measurement Confederation, vol.248, 2025 (SCI-Expanded)

- II. **Trace copper determination in mate tea and tap water using FAAS and spray-assisted liquid phase microextraction**
Karakebab K, Serbest H, TURAK F, BAKIRDERE S.
Journal of Food Composition and Analysis, vol.140, 2025 (SCI-Expanded)
- III. **Development an effective adsorptive treatment strategy for the removal of cadmium from textile wastewater by CuBi₂O₄@Fe₃O₄ nanocomposites**
Büyük M. A., Serbest H., DALGIÇ BOZYİĞİT G., BAKIRDERE S.
Chemical Engineering Communications, vol.212, no.3, pp.409-421, 2025 (SCI-Expanded)
- IV. **Microwave-assisted synthesis of antimony oxide nanoparticles for the determination of trace cadmium in mulberry leaf tea matrices by flame atomic absorption spectrophotometry**
İnce M. N., Serbest H., BAKIRDERE S.
Journal of Analytical Science and Technology, vol.15, no.1, 2024 (SCI-Expanded)
- V. **Efficient removal of estrone and 17 β -estradiol from aqueous medium using UV irradiation-assisted fenton process**
Dikmen Y., Şaylan M., Oflu S., Ayyıldız M. F., Serbest H., DALGIÇ BOZYİĞİT G., BAKIRDERE S.
Chemical Papers, vol.78, no.13, pp.7477-7486, 2024 (SCI-Expanded)
- VI. **Development of an analytical strategy for the determination of trace lead in hibiscus tea extract by double slotted quartz tube assisted flame atomic absorption spectrometry after manganese ferrite based dispersive solid phase extraction**
Nur Karaman D., Serbest H., Bahçivan A., POLAT KORKUNÇ Ü., BAKIRDERE S.
Microchemical Journal, vol.195, 2023 (SCI-Expanded)
- VII. **Trace cadmium determination in lake water matrix by flame atomic absorption spectrometry after manganese ferrite magnetic nanoparticles-based dispersive solid phase extraction**
Karaman D. N., Serbest H., Kiliç Y., Demirel R., BAKIRDERE S.
Clean - Soil, Air, Water, vol.51, no.9, 2023 (SCI-Expanded)
- VIII. **Triphenylamine-based organic small-molecule interlayer materials for inverted perovskite solar cells**
Doyranli C., CHOI F. P., Alishah H. M., KOYUNCU S., GÜNEŞ S., SAN N.
ORGANIC ELECTRONICS, vol.108, 2022 (SCI-Expanded)
- IX. **Determination of Silver in Metal Plating Wastewater by Slotted Quartz Tube Flame Atomic Absorption Spectrometry (SQT-FAAS) after Preconcentration with Stearic Acid-Coated Magnetite Nanoparticle-Based Solid-Phase Microextraction (SA-MNP-SPME)**
Serbest H., Bakirdere S., Keyf S.
ANALYTICAL LETTERS, vol.55, no.7, pp.1104-1118, 2022 (SCI-Expanded)
- X. **Determination of Cadmium in Mineral Water Samples by Slotted Quartz Tube-Flame Atomic Absorption Spectrometry After Peristaltic Pump Assisted Silica Nanoparticle Based Pipette Tip Solid Phase Extraction**
Girgin A., Atsever N., Borahan T., Tekin Z., BÜYÜKPINAR Ç., SAN N., BAKIRDERE S.
WATER AIR AND SOIL POLLUTION, vol.232, no.10, 2021 (SCI-Expanded)
- XI. **Determination of nickel in daphne tea extract and lake water samples by flame atomic absorption spectrophotometry with a zirconium-coated T-shaped slotted quartz tube-atom trap and photochemical vapor generation sample introduction**
BÜYÜKPINAR Ç., Yazici E., SAN N., KOMESLİ O. T., BAKIRDERE S.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.193, no.10, 2021 (SCI-Expanded)
- XII. **An accurate analytical method for the determination of antimony in tea and tap water samples: photochemical vapor generation-atom trapping prior to FAAS measurement**
Yazici E., BÜYÜKPINAR Ç., Bodur S., SAN N., KOMESLİ O. T., BAKIRDERE S.
CHEMICAL PAPERS, vol.75, no.7, pp.3309-3316, 2021 (SCI-Expanded)
- XIII. **Photochemical Vapor Generation Based Accurate Determination of Cadmium in Wastewater Using Novel Photoreactor and Gas-Liquid Separators Using Flame Atomic Absorption Spectrometry with Matrix Matching Calibration**

- Buyukpinar C., Bodur S., SAN N., KOMESLİ O. T., BAKIRDERE S.
ANALYTICAL LETTERS, vol.54, no.14, pp.2315-2326, 2021 (SCI-Expanded)
- XIV. **Combination of an Efficient Photochemical Vapor Generation System and Flame Atomic Absorption Spectrophotometry for Trace Nickel Determination in Wastewater Samples**
Buyukpinar C., SAN N., KOMESLİ O. T., BAKIRDERE S.
ANALYTICAL LETTERS, vol.54, no.9, pp.1457-1469, 2021 (SCI-Expanded)
- XV. **An accurate analytical method for the determination of cadmium: Ultraviolet based photochemical vapor generation-slotted quartz tube based atom trap-flame atomic absorption spectrophotometry**
BÜYÜKPINAR Ç., Bodur S., Yazici E., Tekin Z., SAN N., KOMESLİ O. T., BAKIRDERE S.
MEASUREMENT, vol.176, 2021 (SCI-Expanded)
- XVI. **Accurate, sensitive, and precise determination of cobalt in soil matrices by the combination of batch type gas-liquid separator-assisted photochemical vapor generation and atomic absorption spectrophotometry**
büyükpınar C., SAN N., KOMESLİ O. T., bakırdere S.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.191, no.5, 2019 (SCI-Expanded)
- XVII. **Development of a sensitive analytical method for the determination of cadmium using hydrogen assisted T-shape slotted quartz tube-atom trap-flame atomic absorption spectrophotometry**
Şahin I., Buyukpinar C., SAN N., BAKIRDERE S.
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, vol.147, pp.9-12, 2018 (SCI-Expanded)
- XVIII. **A novel analytical method for sensitive determination of lead: Hydrogen assisted T-shape slotted quartz tube-atom trap-flame atomic absorption spectrometry**
Uslu H., Büyükpınar Ç., Unutkan T., Serbest H., San N., Turak F., Bakırdere S.
MICROCHEMICAL JOURNAL, vol.137, pp.155-159, 2018 (SCI-Expanded)
- XIX. **Development of a sensitive closed batch vessel hydride generation atomic absorption spectrometry method for the determination of cadmium in aqueous samples**
Buyukpinar C., BEKAR B., Maltepe E., Chormey D. S., TURAK F., San N., BAKIRDERE S.
INSTRUMENTATION SCIENCE & TECHNOLOGY, vol.46, no.6, pp.645-655, 2018 (SCI-Expanded)
- XX. **Properties and applications of nanoclay reinforced open-porous polymer composites**
Yuce E., Mert E. H., Sen S., SAYGI S., SAN N.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.134, no.46, 2017 (SCI-Expanded)
- XXI. **Photocatalytic Activity of Titania/Polydicyclopentadiene PolyHIPE Composites**
Yuce E., Mert E. H., KRAJNC P., Parin F. N., SAN N., Kaya D., Yildirim H.
MACROMOLECULAR MATERIALS AND ENGINEERING, vol.302, no.10, 2017 (SCI-Expanded)
- XXII. **Determination of nickel in water and soil samples at trace levels using photochemical vapor generation-batch type ultrasonication assisted gas liquid separator-atomic absorption spectrometry**
Büyükpınar Ç., MALTEPE E., CHORMEY D. S., San N., BAKIRDERE S.
MICROCHEMICAL JOURNAL, vol.132, pp.167-171, 2017 (SCI-Expanded)
- XXIII. **Pre-Column Chelation Liquid Chromatographic Determination of Trace Cu, Zn, Ni, Co, Fe, Cd and Hg in Fish Samples**
ALPDOĞAN G., Zor S. D., SAN N.
CURRENT ANALYTICAL CHEMISTRY, vol.13, no.4, pp.291-298, 2017 (SCI-Expanded)
- XXIV. **HETEROGENEOUS PHOTOCATALYTIC DEGRADATION OF 4-NITROPHENOL VIA TiO₂, SURFACE-MODIFIED WITH SALICYLIC ACID**
KAYA D., SAN N.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.8, pp.4953-4962, 2017 (SCI-Expanded)
- XXV. **Determination of Lead in Drinking and Wastewater by Hydride Generation Atomic Absorption Spectrometry**
BAKIRDERE S., CHORMEY D. S., Büyükpınar Ç., SAN N., KEYF S.
Analytical Letters, vol.49, no.12, pp.1917-1925, 2016 (SCI-Expanded)
- XXVI. **Effect of Pore Geometry on Resistive-Pulse Sensing of DNA Using Track-Etched PET Nanopore Membrane**

- Kaya D., DİNLER A., SAN N., KEÇECİ K.
ELECTROCHIMICA ACTA, vol.202, pp.157-165, 2016 (SCI-Expanded)
- XXVII. **Analysis of Some Trace Metals in Fish Species after Preconcentration with Congo Red on Amberlite XAD-7 Resin by Flame Atomic Absorption Spectrometry**
ALPDOĞAN G., SAN N., Zor S. D.
JOURNAL OF CHEMISTRY, 2016 (SCI-Expanded)
- XXVIII. **ADSORPTION CHARACTERISTICS, ISOTHERM AND KINETICS OF A NOVEL POLYHIPE/PULLULAN COMPOSITE FOR REMOVING CONGO RED DYE**
SAN N., Mert E. H., Kaya D., Cira F.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.9, pp.3635-3645, 2016 (SCI-Expanded)
- XXIX. **Investigation of thermodynamic and surface characterisation of 4-[4-(2-ethylhexyloxy)benzoyloxy] benzoic acid thermotropic liquid crystal by inverse gas chromatography**
ÇAKAR F., OCAK H., ÖZTÜRK E., MUTLU-YANIC S., Kaya D., SAN N., CANKURTARAN Ö., Bilgin-Eran B., KARAMAN F.
LIQUID CRYSTALS, vol.41, no.9, pp.1323-1331, 2014 (SCI-Expanded)
- XXX. **Surface modification of TiO₂ with ascorbic acid for heterogeneous photocatalysis: Theory and experiment**
MERT E. H., YALCIN Y., Kılıç M., SAN N., CINAR Z.
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.11, no.2, pp.199-207, 2008 (SCI-Expanded)
- XXXI. **A model for prediction of product distributions for the reactions of phenol derivatives with hydroxyl radicals**
Kilic M., Koctuerk G., San N., CINAR Z.
CHEMOSPHERE, vol.69, no.9, pp.1396-1408, 2007 (SCI-Expanded)
- XXXII. **Modeling of the photocatalytic degradation reactions of aromatic pollutants: A solvent effect model**
Kılıç M., San N., CINAR Z.
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.10, no.1, pp.60-66, 2007 (SCI-Expanded)
- XXXIII. **Enhancement and modeling of the photocatalytic degradation of benzoic acid**
San N., Kılıç M., TUIEBAKHOVA Z., CINAR Z.
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.10, no.1, pp.43-50, 2007 (SCI-Expanded)
- XXXIV. **Reactivity indices for ortho/para monosubstituted phenols**
San N., Kılıç M., CINAR Z.
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.10, no.1, pp.51-59, 2007 (SCI-Expanded)
- XXXV. **Influence of apple flavor absorption on physical and mechanical properties of poly(ethylene terephthalate) films**
DENKTAS C., YILDIRIM H., San N.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.99, no.4, pp.1802-1807, 2006 (SCI-Expanded)
- XXXVI. **An experimental and theoretical investigation of the photocatalytic degradation of meta-cresol in TiO₂ suspensions: a model for the product distribution**
HATİPOĞLU A., San N., CINAR Z. H.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.165, pp.119-129, 2004 (SCI-Expanded)
- XXXVII. **Photocatalytic degradation of 4-nitrophenol in aqueous TiO(2) suspensions: Theoretical prediction of the intermediates**
San N., HATİPOĞLU A., KOCTURK g., CINAR Z. H.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.146, no.3, pp.189-197, 2002 (SCI-Expanded)
- XXXVIII. **Structure - Activity relations for the photodegradation reactions of monosubstituted anilines in TiO₂ suspensions**
San N., CINAR Z. H.
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.5, no.1, pp.85-92, 2002 (SCI-Expanded)
- XXXIX. **Prediction of primary intermediates and the photodegradation kinetics of 3-aminophenol in aqueous TiO(2) suspensions**
San N., HATİPOĞLU A., KOCTURK g., CINAR Z. H.

Articles Published in Other Journals

- I. **Effect of Molecular Properties on the Photocatalytic Degradation Rates of Dichlorophenols and Dichloroanilines in Aqueous TiO₂ Suspensions**
SAN N., HATİPOĞLU A., CINAR Z.
TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, pp.147-162, 2004 (Scopus)
- II. **Photocatalytic Degradation of Aniline in Aqueous TiO₂ Suspensions**
SAN N., çınar Z.
TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, vol.79, pp.179-194, 2001 (Scopus)
- III. **A Computational Study of Linear Polyenes and Their Halogenated Derivatives**
Çınar Z., HATİPOĞLU a., SAN N., baş t., aviyente v.
Chimica Acta Turcica, vol.26, pp.63-68, 1998 (Peer-Reviewed Journal)

Books

- I. **genel Kimya Laboratuvar Deneyleri Kitabı**
Soydan A., San N., Uslu H., Akman S., Aroğuz A. Z., Mert E. H., Kaya D.
Alfa, İstanbul, 2012
- II. **Laboratory EXperiments in General Chemistry**
Soydan A. B., SAN N., MERT E. H., öncül a., Akman S., aydinoğlu d.
Alfa Basım Yayım, İstanbul, 2011

Papers Published in Refereed Scientific Meetings

- I. **Trace cobalt determination in lake water samples by ultraviolet based photochemical vapor generation - T - shaped slotted quartz tube atom trap - flame atomic absorption spectrophotometry**
Yazıcı E., Büyükpınar Ç., San N., Komesli O. T., Bakırdere S.
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Turkey, 11 - 14 March 2020, vol.91, pp.91
- II. **Ultraviolet Based Photochemical Vapor Generation T-Shaped Slotted Quartz Tube-Atom Trap-Flame Atomic Absorption Spectrophotometry for the Accurate and Sensitive Determination of Antimony**
Yazıcı E., Büyükpınar Ç., San N., Komesli O. T., Bakırdere S.
2nd International Environmental Chemistry Congress (EnviroChem), Antalya, Turkey, 31 October - 03 November 2019
- III. **Determination of Cadmium in Aqueous Samples Using a Sensitive Closed Batch Vessel Hydride Generation Atomic Absorption Spectrometry Method**
BÜYÜKPINAR Ç., Bekar B., Maltepe E., Chormey D. S., TURAK F., SAN N., BAKIRDERE S.
8TH BLACK SEA BASIN CONFERENCE ON ANALYTICAL CHEMISTRY, İstanbul, Turkey, 09 May 2018, pp.179
- IV. **Development of a Photochemical Vapor Generation-Batch Type Ultrasonication Assisted Gas Liquid Separator- Atomic Absorption Spectrometry Method for the Trace Determination of Nickel in Soil and Water Samples**
BÜYÜKPINAR Ç., Maltepe E., Chormey D. S., SAN N., BAKIRDERE S.
7th International IUPAC Conference on Green Chemistry, Moskova, Russia, 02 October 2017, pp.42
- V. **Açık Hücresel Yapılı Polimer Kompozitlerinin Sentezi ve Adsorpsiyon Uygulamaları**
YUCE E., MERT E. H., SEN S., SAYGI S., SAN N.
6. Fiziksel Kimya Kongresi, Zonguldak, Turkey, 15 May 2017, pp.151

- VI. **Su ortamından XAD-7 Adsorbantı İle İki Ayrı Bazik Boyarmaddenin Uzaklaştırılması İşlemine ait Fizikokimyasal Parametrelerin Belirlenmesi**
Kaya D., SAN N.
6. Fiziksel Kimya Kongresi, Zonguldak, Turkey, 15 May 2017, pp.129
- VII. **ADSORPTIVE PROPERTIES OF METHACRYLATE BASED POLYHIPE COMPOSITES**
YUCE E., MERT E. H., SEN S., SAYGI S., SAN N.
3rd International on New Trends in Chemistry, Helsinki, Finland, 28 April 2017, pp.1
- VIII. **Adsorption-Desorption Characteristic of XAD-7 Resin for The Removal of 4-Nitrophenol**
YILDIRIM Ö., Kaya D., SAN N.
3rd International on New Trends in Chemistry, Helsinki, Finland, 28 April 2017, pp.89
- IX. **Optimization of a Closed Batch Vessel Hydride Generation Atomic Absorption Spectrometry Method for the Determination of Lead in Drinking and Waste Water Samples at Trace Levels**
BAKIRDERE S., Chormey D. S., Büyükpınar Ç., SAN N., KEYF S.
10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016, pp.32
- X. **The Design of Macroporous nanocomposites as Heterogenous Photocatalysis**
MERT E. H., Kranjc p., YUCE E., PARIN F. N., SAN N., Kaya D.
13th International Conference on Nanosciences&nanotechnologies (NN16), Selanik, Greece, 05 July 2016, pp.16
- XI. **Determination of trace metals in milk samples by atomic absorption spectrophotometry after preconcentration by aspergillus niger**
ALPDOĞAN G., SAN N., Kaya D.
12th International Conference on the Fundamentals of adsorption (FOA 2016), Freidrichshafen, Germany, 29 May 2016, pp.267
- XII. **Determination of Trace Metals in Milk Samples by Atomic Absorption Spectrophotometry after Preconcentration by Aspergillus Niger Immobilized on TiO2 Nanoparticles**
Alpdoğan G., SAN N., Kaya D.
12th International Conference on The Fundamentals of Adsorption (FOA12), Friedrichshafen/Lake Constance, Germany,P.234, Germany, 29 May 2016, pp.267
- XIII. **Emulsion Templating As a Tool for Hierarchical Macroporous Photocatalyst Preparation**
MERT E. H., Kranjc p., YUCE E., PARIN F. N., SAN N., Kaya D.
International Conference on Engineering and Natural Sciences (ICENS 2016), Sarajevo, Bosnia And Herzegovina, 24 May 2016, pp.385
- XIV. **Batch and Continuous Adsorption on Methyl Violet Dye onto XAD-7 Resin**
SAN N., Kaya D.
12th International Conference on The Fundamentals of Adsorption (FOA12), Friedrichshafen/Lake Constance, Germany,P.234, Germany, 29 May 2016, pp.234
- XV. **poly-Pickering-HIPEs as Heterogeneous Photocatalysis" International Conference and Exhibition on Materials Chemistry**
PARIN F. N., YUCE E., MERT E. H., Kranjc p., SAN N., Kaya D.
OMICS2016, Valencia, Spain, 31 March 2016, pp.22
- XVI. **Novel polyHIPE composites: Preparation, modification and application**
CIRA F., Kaya D., MERT E. H., SAN N.
European Polymer Federation Congress 2015 (EPF 2015), Dresden, Germany, 03 June 2015, pp.88
- XVII. **Yüzey Modifiye TiO2 Nanotanicikleri ile Toplayıcı-PoliHIPE Nanokompozitlerinin Sentezi**
ÇİRA F., YÜCE E., BÜYÜKPINAR Ç., KAYA D., SAN N., MERT E. H.
5. Fiziksel Kimya Kongresi, 01 May 2015
- XVIII. **Adsorption and desorption Characteristics, Isotherm and Kinetics Parameters of XAD-16 Resin fo Removig Malachite Green Oxalate**
BÜYÜKPINAR Ç., Kaya D., ÖZİNANÇ G., SAN N.
All in one Conferences (AIOC), Dubai, United Arab Emirates, 24 March 2015, pp.86
- XIX. **Adsorption Parameters of Different Organic Dyes on the Synthetic Resin XAD-7**
Kaya D., BÜYÜKPINAR Ç., SAN N.

International Symposium on Molecular Chemistry, İstanbul, Turkey, 19 December 2014, pp.45-46

- XX. **“Adsorptive Removal of Rhodamine B Dye with XAD-7 Resin**
Kaya D., SAN N., BÜYÜKPINAR Ç.
International Conference on Green Chemistry and Sustainable Engineering, Barselona, Spain, 08 July 2014, pp.55
- XXI. **Adsorption Isotherms and Kinetics Studies of Brilliant Green on Three Different Amberlite Resins**
Kaya D., BÜYÜKPINAR Ç., SAN N.
2nd International Conference on Recycling and Reuse, İstanbul, Turkey, 12 June 2014, pp.55
- XXII. **Üç Farklı Amberlit Reçinesi Üzerinde Anilin Mavisini Boyar Maddesinin Adsorpsiyon Karakteristiğinin İncelenmesi**
SAN N., KAYA D., YILDIRIM Ö., BÜYÜKPINAR Ç.
IV Fiziksel Kimya Günleri, 01 June 2014
- XXIII. **Karboksilik Asitlerin Substitue Grup Sayısının TiO₂'nin Yüzey Modifikasyonuna Etkisinin Deneysel Olarak İncelenmesi**
BÜYÜKPINAR Ç., KAYA D., SAN N.
26. Ulusal Kimya Kongresi, 01 October 2012
- XXIV. **Karboksilik Asitlerin Substitue Grup Sayısının TiO₂ nin Yüzey Modifikasyonuna Etkisinin Deneysel Olarak İncelenmesi/Effect of Functional Group Quantity of Carboxylic Acids on Surface Modification of TiO₂, An Experimental Analysis**
SAN N., Metinyurt D.
26. Ulusal kimya Kongresi(Uluslararası katılımlı), 01 October 2012
- XXV. **TiO₂ nin Yüzey Modifikasyonuna Farklı Karboksilli Asitlerin Etkisi Ve Fotokatalitik Aktivitesinin İncelenmesi**
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- XXVI. **Surface Modification of TiO₂ with Malonic and Succinic Acids for Heterogenous Photocatalysis**
KAYA D., MÜRVE Ö., BÜYÜKPINAR Ç., SAN N.
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YAZICI Ö., KILIÇ M., SAN N., ÇINAR Z.
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Supported Projects

SAN N., Doyranlı C., KOYUNCU S., CHOI F. P., Project Supported by Higher Education Institutions, Donör Akseptör Tipi Boşluk Taşıyıcı Organik Moleküllerin Sentezi ve Perovskit Güneş Hücrelerinde Uygulaması, 2021 - 2023

Bakırdere S., San N., TUBITAK Project, Ultraviyole Fotokimyasal Uçucu Bileşen Oluşturma-Atom Tuzak-Alevli Atomik Absorpsiyon Spektrofotometri Sistemi ile Pb, Cd, Ni, Co Elementlerinin Eser Seviyelerde Tayinleri, 2017 - 2020

SAN N., BÜYÜKPINAR Ç., BÜYÜKPINAR Ç., Project Supported by Higher Education Institutions, Alevli Atomik Absorpsiyon Spektrofotometre Cihaz Duyarlılığının Yarıklı Kuartz Tüp (YKT) İle Artırılması ve YTK İç Yüzeyinin Adsorpsiyon Özelliklerinin İncelenmesi, 2015 - 2018

SAN N., Project Supported by Higher Education Institutions, Sudaki Organik Boyar Maddelerin Polimerik Reçineler Üzerine Adsorpsiyonu ve Adsorpsiyon Kinetiğinin İncelenmesi, 2014 - 2016

SAN N., BÜYÜKPINAR Ç., Project Supported by Higher Education Institutions, Sentetik Reçinelerin Adsorpsiyon Özelliklerinden Faydalanılarak Atık Sularda Bulunan Organik Boyar Maddelerin Giderilmesi ve Adsorpsiyon Parametrelerinin Belirlenmesi, 2013 - 2016

SAN N., Project Supported by Higher Education Institutions, Yüzeysel karboksilik asitler ile modifiye edilmiş TiO₂ nin fotokatalitik aktivitesinin deneysel ve teorik olarak incelenmesi, 2007 - 2012

Metrics

Publication: 86

Citation (WoS): 648

Citation (Scopus): 779

H-Index (WoS): 14

H-Index (Scopus): 13

Congress and Symposium Activities

6.Fiziksel Kimya Kongresi, "Açık Hücreli Yapılı Polimer Kompozitlerinin Sentezi ve Adsorpsiyon Uygulamaları", Attendee, Zonguldak, Turkey, 2017

6.Fiziksel Kimya Kongresi "Su Ortamından XAD-7 Adsorbantı ile İki Ayrı Bazik Boyarmaddenin Uzaklaştırılması İşlemine ait Fizikokimyasal Parametrelerin Belirlenmesi", Attendee, Zonguldak, Turkey, 2017

3rd International Conference on New Trends in Chemistry "Adsorption-Desorption Characteristics of XAD-7 Resin for The Removal of 4-Nitrophenol", Attendee, Helsinki, Finland, 2017

3rd International Conference on New Trends in Chemistry "Adsorptive Properties of Methacrylate Based PolyHipe Composites", Attendee, Helsinki, Finland, 2017

Non Academic Experience

Yıldız Teknik Üniversitesi, Doçent Doktor