

# Prof. DENİZ BİNGÖL

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: Y-3050-2019

ScopusID: 6506971252

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## Education Information

Doctorate, Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1994 - 2001

Postgraduate, Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1991 - 1993

Undergraduate, Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1985 - 1990

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Uçucu Küllerin Liçing ve (Liç Çözeltilerinin) Katı-Faz Özütleme Tekniği İle Eser Element Analizine Hazırlanması, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2001

Postgraduate, Oksitli Bakır Cevherlerinin Değerlendirilmesi, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 1993

## Research Areas

Chemistry, Analytical Chemistry, Separation Methods, Chemometry, Natural Sciences

## Academic Titles / Tasks

Professor, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2019 - Continues

Associate Professor, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2012 - 2019

Assistant Professor, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2006 - 2012

Assistant Professor, Kütahya Dumlupınar University, Mühendislik Fakültesi, Maden Mühendisliği, 2003 - 2006

Expert, Sivas Cumhuriyet University, Mühendislik Fakültesi, Maden Mühendisliği, 1991 - 2003

## Academic and Administrative Experience

Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2013 - Continues

Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2012 - 2016

Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, 2014 - 2015

## Courses

İleri Analitik Kimya I, Postgraduate, 2018 - 2019

İleri Analitik Kimya II, Postgraduate, 2018 - 2019

Analitik Kimya II, Undergraduate, 2018 - 2019

Analitik Kimya I, Undergraduate, 2018 - 2019

Genel Kimya II, Undergraduate, 2018 - 2019

Genel Kimya I, Undergraduate, 2018 - 2019

## Advising Theses

Bingöl D., A NOVEL COMPOSITE DERIVATED FROM CARBONIZED INDUSTRIAL PROCESS WASTE BY BALL MILLING, Postgraduate, H.ÖZKARAASLAN(Student), 2021

Bingöl D., EFFECT OF MECHANOCHEMICAL PRETREATMENT FOR REMOVAL OF Cu(II), Pb(II) AND Zn(II) ON BIOWASTE: KINETICS, THERMODYNAMICS AND OPTIMIZATION, Doctorate, E.CERRAHOĞLU(Student), 2021

Bingöl D., HIGH EFFICIENTLY NICKEL RECOVERY FROM LATERITIC ORE BY USING REAGENT ASSISTED MECHANOCHEMICAL METHOD, Doctorate, S.ÇETİNTAŞ(Student), 2020

Bingöl D., Düşük Maliyetli Çevre Dostu Bir Adsorbent Olarak Tarçın Kabuğu ile Sulu Çözeltilerden Anyonik ve Katyonik Boyaların Giderilmesi için Adsorpsiyon Yöntemlerinin Optimizasyonu, Postgraduate, M.Güler(Student), 2019

Bingöl D., Nar Çekirdeği ile Sulu Çözeltilerden Anyonik Boyar Maddelerin Giderim Potansiyeli: Optimizasyon, Kinetik, İzoterm ve Termodinamik Çalışmalar, Postgraduate, A.Öztürk(Student), 2019

Bingöl D., Uçucu Kül ile Ağır Metallerin Giderimi için Optimum Koşulların Belirlenmesi, Postgraduate, H.Xiyili(Student), 2015

Bingöl D., Lateritik Cevherden Sülfürik Asit ile Nikel Kazanımına Deneysel Tasarım Yaklaşımı ve Kinetik Modelleme, Postgraduate, S.Çetintaş(Student), 2014

Bingöl D., Çörek Otu (*Nigella Sativa* L.) ile Ağır Metallerin Uzaklaştırılması, Postgraduate, M.Hercan(Student), 2012

Bingöl D., Çevresel Örneklerden Cu(II) Kazanımında Katı-Faz Özütleme Tekniğinin İstatistiksel Yöntemle Uygulanması, Postgraduate, M.Külcü(Student), 2011

## Jury Memberships

Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2023

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of adsorption potential of waste jewelry meerschaum powder for Cu(II) and cationic dye**  
KARAYÜNLÜ BOZBAŞ S., BİNGÖL D.  
SCIENTIFIC REPORTS, vol.14, no.1, 2024 (SCI-Expanded)
- II. **A novel composite derived from carbonized hawthorn waste pulp/marble waste powder by ball milling: preparation, characterization, and usability as bifunctional adsorbent**  
Ozkaraaslan H., Cetintas S., Bingöl D.  
BIOMASS CONVERSION AND BIOREFINERY, vol.13, pp.3765-3784, 2023 (SCI-Expanded)
- III. **Sorptive performance of marine algae (*Ulva lactuca* Linnaeus, 1753) with and without ultrasonic-**

**assisted to remove Hg(II) ions from aqueous solutions: optimisation, equilibrium and kinetic evaluation**

Cetintas S., Ergül H. A., Ozturk A., Bingöl D.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.102, no.6, pp.1428-1451, 2022 (SCI-Expanded)

- IV. **Ionic hydrophobic deep eutectic solvents in developing air-assisted liquid-phase microextraction based on experimental design: Application to flame atomic absorption spectrometry determination of cobalt in liquid and solid samples**  
ELİK A., BİNGÖL D., ALTUNAY N.  
FOOD CHEMISTRY, vol.350, 2021 (SCI-Expanded)
- V. **The use of pomegranate seed activated by mechanochemical process as a novel adsorbent for the removal of anionic dyestuffs: response surface method approach**  
Ozturk A., Cetintas S., BİNGÖL D.  
CHEMICAL ENGINEERING COMMUNICATIONS, vol.208, no.9, pp.1279-1300, 2021 (SCI-Expanded)
- VI. **Optimising the influence of novel citric acid-assisted mechanochemical modification of corncob on Cu<sup>2+</sup>, Pb<sup>2+</sup> and Zn<sup>2+</sup> removal**  
Cerrahoğlu Kaçakgil E., Bingöl D.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.101, no.8, pp.1158-1182, 2021 (SCI-Expanded)
- VII. **Cinnamon bark as low-cost and eco-friendly adsorbent for the removal of indigo carmine and malachite green dyestuffs**  
Guler M., Cetintas S., Bingöl D.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.101, no.6, pp.735-757, 2021 (SCI-Expanded)
- VIII. **Quantification of tributyltin in seawater using triple isotope dilution gas chromatography-inductively coupled plasma mass spectrometry achieving high accuracy and complying with European Water Framework Directive limits**  
Tunç M., Ay Ü., Can S. Z., Bingöl D., Ün İ.  
JOURNAL OF CHROMATOGRAPHY A, vol.1637, 2021 (SCI-Expanded)
- IX. **Simple and Green Heat-Induced Deep Eutectic Solvent Microextraction for Determination of Lead and Cadmium in Vegetable Samples by Flame Atomic Absorption Spectrometry: a Multivariate Study**  
ALTUNAY N., ELİK A., BİNGÖL D.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.198, no.1, pp.324-331, 2020 (SCI-Expanded)
- X. **Performance evaluation of leaching processes with and without ultrasound effect combined with reagent-assisted mechanochemical process for nickel recovery from Laterite: Process optimization and kinetic evaluation**  
Cetintas S., BİNGÖL D.  
MINERALS ENGINEERING, vol.157, 2020 (SCI-Expanded)
- XI. **Performance assessment and statistical modeling of modification and adsorptive properties of a lignocellulosic waste modified using reagent assisted mechanochemical process as a low-cost and high-performance method**  
Kacakgil E. C., BİNGÖL D.  
SUSTAINABLE CHEMISTRY AND PHARMACY, vol.15, 2020 (SCI-Expanded)
- XII. **Vortex assisted-ionic liquid dispersive liquid-liquid microextraction and spectrophotometric determination of quercetin in tea, honey, fruit juice and wine samples after optimization based on response surface methodology**  
Altunay N., Bingöl D., Elik A., Gürkan R.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.221, 2019 (SCI-Expanded)
- XIII. **Comparison of regression and design models for biosorption process**  
Cetintas S., Eevli S., Bingol D.

DESALINATION AND WATER TREATMENT, vol.145, pp.107-119, 2019 (SCI-Expanded)

- XIV. **Optimization of Ultrasonication Process for the Degradation of Linear Alkyl Benzene Sulfonic Acid by Response Surface Methodology**  
Arslan A., Topkaya E., Veli S., Bingöl D.  
CLEAN-SOIL AIR WATER, vol.46, 2018 (SCI-Expanded)
- XV. **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)
- XVI. **Optimization of Pb(II) Biosorption with Date Palm (Phoenix Dactylifera L.) Seeds Using Response Surface Methodology**  
Çetintaş S., Bingöl D.  
JOURNAL OF WATER CHEMISTRY AND TECHNOLOGY, vol.40, pp.370-378, 2018 (SCI-Expanded)
- XVII. **A novel reagent-assisted mechanochemical method for nickel recovery from lateritic ore**  
Cetintas S., Yıldız U., Bingöl D.  
JOURNAL OF CLEANER PRODUCTION, vol.199, pp.616-632, 2018 (SCI-Expanded)
- XVIII. **Comparison of multiple regression analysis using dummy variables and a NARX network model: an example of a heavy metal adsorption process**  
Bingöl D., Xiyili H., Elevli S., Kilic E., Çetintaş S.  
WATER AND ENVIRONMENT JOURNAL, vol.32, pp.186-196, 2018 (SCI-Expanded)
- XIX. **Removal of anionic surfactant sodium dodecyl sulfate from aqueous solutions by O<sub>3</sub>/UV/H<sub>2</sub>O<sub>2</sub> advanced oxidation process: Process optimization with response surface methodology approach**  
Arslan A., Topkaya E., Bingöl D., Veli S.  
SUSTAINABLE ENVIRONMENT RESEARCH, vol.28, pp.65-71, 2018 (SCI-Expanded)
- XX. **Selective nickel recovery from iron-rich solutions**  
Çetintaş S., Bingöl D.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.53, pp.559-566, 2018 (SCI-Expanded)
- XXI. **Removal of some heavy metals onto mechanically activated fly ash: Modeling approach for optimization, isotherms, kinetics and thermodynamics**  
Xiyili H., Çetintaş S., Bingöl D.  
PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, vol.109, pp.288-300, 2017 (SCI-Expanded)
- XXII. **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)
- XXIII. **Fabrication and characterization of novel macroporous jeffamine/diamino hexane cryogels for enhanced Cu(II) metal uptake: Optimization, isotherms, kinetics and thermodynamic studies**  
Erdem A., Ngwabebhoh F. A., Cetintas S., Bingöl D., Yıldız U.  
CHEMICAL ENGINEERING RESEARCH & DESIGN, vol.117, pp.122-138, 2017 (SCI-Expanded)
- XXIV. **Drinking water quality control: control charts for turbidity and pH**  
Elevli S., Uzgoren N., Bingöl D., Elevli B.  
JOURNAL OF WATER SANITATION AND HYGIENE FOR DEVELOPMENT, vol.6, pp.511-518, 2016 (SCI-Expanded)
- XXV. **Application of Response Surface Methodology to Electrocoagulation Treatment of Hospital Wastewater**  
Veli S., Arslan A., Bingöl D.  
CLEAN-SOIL AIR WATER, vol.44, no.11, pp.1516-1522, 2016 (SCI-Expanded)
- XXVI. **Response surface methodology approach to leaching of nickel laterite and evaluation of different analytical techniques used for the analysis of leached solutions**  
Çetintaş S., Bingöl D.  
ANALYTICAL METHODS, vol.8, pp.3075-3087, 2016 (SCI-Expanded)

- XXVII. **A new Schiff base: Synthesis, characterization and optimization of metal ions-binding properties**  
Bilgin A., Cetintas S., Cerrahoglu E., Yıldız U., Bingöl D.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.51, pp.2138-2144, 2016 (SCI-Expanded)
- XXVIII. **Process modeling and thermodynamics and kinetics evaluation of Basic Yellow 28 adsorption onto sepiolite**  
Tekin N., Şafaklı A., Bingöl D.  
DESALINATION AND WATER TREATMENT, vol.54, pp.2023-2035, 2015 (SCI-Expanded)
- XXIX. **Investigation of the effect of physical conditions of a coating bath on the corrosion behavior of zinc coating using response surface methodology**  
Zor S., Erten U., Bingöl D.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.51, pp.304-309, 2015 (SCI-Expanded)
- XXX. **Full Factorial Design Approach to Hg(II) Adsorption onto Hydrogels**  
BİNGÖL D., SARAYDIN D., Ozbay D. S.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.40, no.1, pp.109-116, 2015 (SCI-Expanded)
- XXXI. **Geochemical and spectroscopic investigations of Cd and Pb sorption mechanisms on contrasting biochars: Engineering implications**  
TRAKAL L., BİNGÖL D., POHORELY M., HRUSKA M., KOMAREK M.  
BIORESOURCETECHNOLOGY, vol.171, pp.442-451, 2014 (SCI-Expanded)
- XXXII. **Use of response surface methodology for pretreatment of hospital wastewater by O-3/UV and O-3/UV/H2O2 processes**  
ARSLAN A., VELİ S., BİNGÖL D.  
SEPARATION AND PURIFICATION TECHNOLOGY, vol.132, pp.561-567, 2014 (SCI-Expanded)
- XXXIII. **Trace elements and nutrients adsorption onto nano-maghemite in a contaminated-soil solution: A geochemical/statistical approach**  
Martinez-Fernandez D., BİNGÖL D., Komarek M.  
JOURNAL OF HAZARDOUS MATERIALS, vol.276, pp.271-277, 2014 (SCI-Expanded)
- XXXIV. **Optimization of the Experimental Variables Influencing the Corrosion Rate of Aluminum Using Response Surface Methodology**  
BİNGÖL D., ZOR S.  
CORROSION, vol.69, no.5, pp.462-467, 2013 (SCI-Expanded)
- XXXV. **Chemometric evaluation of the heavy metals distribution in waters from the Dilovasi region in Kocaeli, Turkey**  
BİNGÖL D., Ay Ü., Bozbas S., Uzgoren N.  
MARINE POLLUTION BULLETIN, vol.68, pp.134-139, 2013 (SCI-Expanded)
- XXXVI. **Evaluation of Copper Biosorption onto Date Palm (Phoenix dactylifera L.) Seeds with MLR and ANFIS Models**  
BİNGÖL D., Inal M. M., ÇETİNTAŞ S.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.52, no.12, pp.4429-4435, 2013 (SCI-Expanded)
- XXXVII. **Analysis of adsorption of reactive azo dye onto CuCl<sub>2</sub> doped polyaniline using Box-Behnken design approach**  
BİNGÖL D., VELİ S., ZOR S., ÖZDEMİR U.  
SYNTHETIC METALS, vol.162, pp.1566-1571, 2012 (SCI-Expanded)
- XXXVIII. **Optimization of the Wet Mechanochemical Process Conditions of SrSO<sub>4</sub> to SrCO<sub>3</sub> and (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> by Using Response Surface Methodology**  
Bingöl D., Aydoğan S., Bozbas S.  
METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE, vol.43, pp.1214-1219, 2012 (SCI-Expanded)
- XXXIX. **Comparison of the results of response surface methodology and artificial neural network for the biosorption of lead using black cumin**  
Bingöl D., Hecan M., Elevli S., Kilic E.  
BIORESOURCETECHNOLOGY, vol.112, pp.111-115, 2012 (SCI-Expanded)

- XL. Production of SrCO<sub>3</sub> and (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> by the dry mechanochemical processing of celestite**  
Bingöl D., Aydoğan S., Bozbas S.  
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, vol.18, no.2, pp.834-838, 2012 (SCI-Expanded)
- XLII. Removal of Lead (II) from Aqueous Solution on Multiwalled Carbon Nanotube by Using Response Surface Methodology**  
BİNGÖL D., Bozbas S.  
SPECTROSCOPY LETTERS, vol.45, no.5, pp.324-329, 2012 (SCI-Expanded)
- XLIII. Optimization of the solid phase extraction method for determination of Cu(II) in natural waters by using response surface methodology**  
Bingöl D., Kulcu M.  
ANALYST, vol.136, pp.4036-4044, 2011 (SCI-Expanded)
- XLIV. REMOVAL OF CADMIUM (II) FROM AQUEOUS SOLUTIONS USING A CENTRAL COMPOSITE DESIGN**  
BİNGÖL D.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, pp.2704-2709, 2011 (SCI-Expanded)
- XLV. Neural model for the leaching of celestite in sodium carbonate solution**  
Bingöl D., Aydoğan S., Gültekin S. S.  
CHEMICAL ENGINEERING JOURNAL, vol.165, pp.617-624, 2010 (SCI-Expanded)
- XLVI. Brilliant Yellow dye adsorption onto sepiolite using a full factorial design**  
Bingöl D., Tekin N., Alkan M.  
APPLIED CLAY SCIENCE, vol.50, pp.315-321, 2010 (SCI-Expanded)
- XLVII. Determination of trace elements in fly ash samples by FAAS after applying different digestion procedure**  
Bingöl D., Akçay M.  
TALANTA, vol.66, pp.600-604, 2005 (SCI-Expanded)
- XLVIII. Dissolution kinetics of malachite in ammonia/ammonium carbonate leaching**  
BİNGÖL D., CANBAZOĞLU M., AYDOĞAN S.  
HYDROMETALLURGY, vol.76, pp.55-62, 2005 (SCI-Expanded)
- XLIX. Dissolution kinetics of malachite in sulphuric acid**  
BİNGÖL D., CANBAZOĞLU M.  
HYDROMETALLURGY, vol.72, pp.159-165, 2004 (SCI-Expanded)

## Articles Published in Other Journals

- I. Experimental design approach to COD and color removal of landfill leachate by the electrooxidation process**  
Veli S., Arslan A., İşgören M., Bingöl D., Demiral D.  
Environmental Challenges, vol.5, 2021 (Scopus)
- II. Dissolution kinetics of manganese during nickel recovery from high iron grade laterite by acid leaching combined NaOH-assisted mechanochemical technology**  
ÇETİNTAŞ S., BİNGÖL D.  
Cumhuriyet Science Journal, vol.41, no.2, pp.396-406, 2020 (Peer-Reviewed Journal)
- III. Chemometric Evaluation of the Heavy Metal Contents in Surface Soils from the Dilovası Region (Kocaeli/Turkey)**  
Bingöl D., Karayünlü Bozbaş S., Ay Ü., Uzgören N.  
Cumhuriyet Science Journal, vol.38, pp.23-33, 2018 (Peer-Reviewed Journal)
- IV. Wet Mechanochemical Processing of Celestine using (NH<sub>4</sub>)<sub>2</sub>CO<sub>3</sub>**  
Bingöl D., Aydoğan S., Karayünlü Bozbaş S.  
SAÜ Fen Bilimleri Enstitüsü Dergisi, vol.20, pp.278-282, 2017 (Peer-Reviewed Journal)
- V. Artificial neural network ANN approach to copper biosorption process**  
Bingöl D., Kılıç E., Hercan M.

## Refereed Congress / Symposium Publications in Proceedings

- I. **Analysis with Box-Behnken design for methyl orange-dye removal by mechanically activated black cumin (*Nigella Sativa*)**  
Karayünlü Bozbaş S., Bingöl D.  
6th International Conference on Life and Engineering Sciences (ICOLES 2023), Antalya, Turkey, 2 - 05 November 2023, pp.1-2
- II. **Use of vinegar waste as a low cost and environmentally friendly biosorbent: response surface methodology approach**  
Kınalı E., Bingöl D.  
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, pp.1264-1268
- III. **Cu (II) Removal from Aqueous Solution with Low-CostWaste Material (meerschaum)**  
Karayünlü Bozbaş S., Bingöl D.  
5th INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, ICOLES 2022, Antalya, Turkey, 19 - 22 May 2022, pp.470-475
- IV. **Optimization of Methylene Blue Dye Removal on Waste Jewelry Meerschaum Powder by Application of Response Surface Methodology**  
Karayünlü Bozbaş S., Bingöl D.  
5th INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, ICOLES 2022, Antalya, Turkey, 19 - 22 May 2022, pp.476-481
- V. **The Removal of Toxic Hg(II) Ions from Aqueous Solutions with A Novel Composite-Based Adsorbent Derived Using Carbonized Industrial Waste Products**  
ÖZKARAASLAN H., ÇETİNTAŞ S., BİNGÖL D.  
5th International Engineering and Natural Sciences Conference (IENSC 2020), Diyarbakır, Turkey, 5 - 06 November 2020
- VI. **Optimization of mechanochemical modification process of a lignocellulosic biomass waste for adsorption applications**  
Cerrahoğlu Kaçakgil E., Bingöl D.  
6th International Conference and Exhibition on Materials Science and Chemistry, Rome, Italy, 17 - 18 May 2018
- VII. **A new hydrometallurgical process involving mechanochemical conversion with reagent**  
Çetintaş S., Bingöl D., Yıldız U.  
6th International Conference and Exhibition on Materials Science and Chemistry, Rome, Italy, 17 - 18 May 2018, vol.7
- VIII. **The Role of High-Energy Milling Applications on Leaching Performance**  
Çetintaş S., Yıldız U., Bingöl D.  
8th Black Sea Basin Conference on Analytical Chemistry, İstanbul, Turkey, 9 - 11 May 2018
- IX. **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
- X. **Cinnamon Shell as Low-Cost Adsorbent to Remove Indigo Carmine from Aqueous Solutions**  
Güler M., Çetintaş S., Bingöl D.  
8th Black Sea Basin Conference on Analytical Chemistry, İstanbul, Turkey, 9 - 11 May 2018
- XI. **Removal of Congo Red from Aqueous Solutions Using Pomegranate Kernel as an Agricultural Waste: RSM Approach**  
Öztürk A., Çetintaş S., Bingöl D.  
8th Black Sea Basin Conference on Analytical Chemistry, İstanbul, Turkey, 9 - 11 May 2018

- XII. **The Effect of High Energy Ball Milling Applications on Adsorption Performance of Coal Fly Ash to Removal of Some Heavy Metals**  
Xıyılı H., Çetintaş S., Bingöl D.  
International Conference on Technology, Engineering and Science, Antalya, Turkey, 26 - 29 October 2017, pp.22
- XIII. **Effect of Mechanical Activation on Acid Leaching for Nickel Recovery from Lateritic Ore: Optimization of Process Conditions**  
ÇETİNTAŞ S., BİNGÖL D., YILDIZ U.  
International Conference on Technology, Engineering and Science, Antalya, Turkey, 26 - 29 October 2017, pp.32
- XIV. **Comparative Study of Regression and Different Multivariate Optimization Models for Cu(II) Ions Adsorption onto Date Palm (Phoenix Davtylifera L.) Seeds**  
ÇETİNTAŞ S., CERRAHOĞLU E., ELEVİLİ S., BİNGÖL D.  
International Conference on Technology, Engineering and Science, Antalya, Turkey, 26 - 29 October 2017, pp.28
- XV. **Removal of Linear Alkyl Benzene Sulphonic Acid by Sonication Process**  
ARSLAN A., TOPKAYA E., VELİ S., BİNGÖL D.  
III International Conference on Environmental Science and Technology, Budapest, Hungary, 19 - 23 October 2017, pp.15-21
- XVI. **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
- XVII. **Removal of Congo Red from Aqueous Solution Using Crosslinked Poly Nvinylpyrrolidone**  
ÖZKILIÇ M. A., BİNGÖL D.  
10th Aegean Analytical Chemistry Days, 29 September - 02 October 2016
- XVIII. **An Experimental Design Approach to Evaluate Leaching Characteristics of Nickel Laterites with Different Analytical Techniques Used for Analysis**  
ÇETİNTAŞ S., BİNGÖL D.  
10th Aegean Analytical Chemistry Days, 29 September - 02 October 2016
- XIX. **The Removal of Iron from Leaching Solution by Precipitation**  
ÇETİNTAŞ S., BİNGÖL D.  
Third International Conference on New Trends in Chemometrics and Applications, 25 - 28 May 2016
- XX. **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
- XXI. **NaOSiMe<sub>3</sub> Bağlanmış Yeni Bir Organik İnorganik Hibrit Materyalin Metal Adsorpsiyon Özelliklerinin Yanıt Yüzey Metodu Yaklaşımı İle İncelenmesi**  
Cerrahoğlu E., Kayan A., Bingöl D.  
IV. Eser Analiz Kongresi, Sakarya, Turkey, 19 - 22 May 2016
- XXII. **Liç atığı kullanılarak sulu çözeltilerden metilen mavisinin giderimine Box Behnken yaklaşımı**  
Çetintaş S., Bingöl D.  
IV. Eser Analiz Kongresi, Sakarya, Turkey, 19 - 22 May 2016
- XXIII. **Quality Control Charts for Time Dependent Data A Case Study**  
ELEVİLİ S., UZGÖREN N., BİNGÖL D.  
Second International Researchers, Statisticians and Young Statisticians Congress, 4 - 08 May 2016
- XXIV. **Examination of turbidity problem of drinking water treatment plant by using fault tree analysis**  
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## Metrics

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## Scholarships

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