

## Lect. SERKAN KARACA

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: A-1769-2018

ScopusID: 56963662400

Yoksis Researcher ID: 109749

### Research Areas

Chemistry, Inorganic Chemistry, Natural Sciences

### Academic Titles / Tasks

Lecturer, Cukurova University, Fen-Edebiyat Fakültesi, Kimya, 2004 - Continues

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

- I. **The effect of metalation processes on polymer morphology and conductivity properties**  
Saribiyik O. Y., Gonul I., AY B., KARACA S.  
POLYMERS & POLYMER COMPOSITES, vol.29, no.9\_SUPPL, 2021 (SCI-Expanded)
- II. **Production of Alpha-Alumina from Black Aluminum Dross Using NaOH Leaching Followed by Calcination**  
TÜRK M., ALTINER M., TOP S., KARACA S., Boucekrit C.  
JOM, vol.72, no.10, pp.3358-3366, 2020 (SCI-Expanded)
- III. **How microplastics quantities increase with flood events? An example from Mersin Bay NE Levantine coast of Turkey**  
GÜNDOĞDU S., ÇEVİK C., Ayat B., Aydogan B., KARACA S.  
ENVIRONMENTAL POLLUTION, vol.239, pp.342-350, 2018 (SCI-Expanded)
- IV. **Novel copper(II) complexes of two tridentate ONN type ligands: Synthesis, characterization, electrical conductivity and luminescence properties**  
Gonul I., Burak A. Y., KARACA S., ŞAHİN O., SERİN S.  
INORGANICA CHIMICA ACTA, vol.477, pp.75-83, 2018 (SCI-Expanded)
- V. **Synthesis, characterization, electrical conductivity and luminescence properties of two copper(II) complexes with tridentate N2O chelating ligands containing imine bond**  
Gonul I., AY B., KARACA S., ŞAHİN O., SERİN S.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1156, pp.465-472, 2018 (SCI-Expanded)
- VI. **Fouling assemblage of benthic plastic debris collected from Mersin Bay, NE Levantine coast of Turkey**  
GÜNDOĞDU S., ÇEVİK C., KARACA S.

MARINE POLLUTION BULLETIN, vol.124, no.1, pp.147-154, 2017 (SCI-Expanded)

- VII. **Synthesis of imine bond containing insoluble polymeric ligand and its transition metal complexes, structural characterization and catalytic activity on esterification reaction**

Gonul I., AY B., KARACA S., Sarıbiyik O. Y., YILDIZ E., SERİN S.

DESIGNED MONOMERS AND POLYMERS, vol.20, pp.441-448, 2017 (SCI-Expanded)

- VIII. **In situ hydrothermal syntheses, structures and photoluminescent properties of four novel metal-organic frameworks constructed by lanthanide (Ln=Ce(III), Pr(III), Eu(III)) and Cu(I) metals with flexible dicarboxylate acids and piperazine-based ligands**

AY B., KARACA S., YILDIZ E., Lopez V., Nanao M. H., Zubieta J.

JOURNAL OF SOLID STATE CHEMISTRY, vol.233, pp.415-421, 2016 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis, Characterization, Crystal Structures, Electrical Conductivity and Luminescence Properties of Two Novel Copper(II) Complexes with ONN Type Ligands**  
gönül i., AY B., KARACA S., SERİN S., ŞAHİN O.  
2nd International Mediterranean Science and Engineering Congress, Adana, Turkey, 25 - 27 October 2017, vol.973
- II. **Components of essential oils of Laurus nobilis L. leaves from different regions of Turkey**  
ÖZDERİN S., TÜRK M., SANGÜN M. K., KARACA S., GİRAY E. S., KILINÇÇEKER G.  
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), 25 - 27 October 2017
- III. **Synthesis, Characterization, Crystal Structures, Electrical Conductivity and Luminescence Properties of Two Novel Copper( II) Complexes with ONN Type Ligands**  
GÖNÜL İ., AY B., KARACA S., ŞAHİN O., SERİN S.  
2nd International Mediterranean Science and Engineering Congress, Adana, Turkey, 25 - 27 October 2017
- IV. **Şelat Özellikli Tridentat Schiff Bazı Ligantları ve Cu(II) Komplekslerinin Sentezi, Karakterizasyonu ve Lüminesans Özelliklerinin İncelenmesi**  
Gönül İ., AY B., KARACA S., ŞAHİN O., SERİN S.  
Uluslararası Katılımlı VI. Ulusal Anorganik Kimya Kongresi, Burdur, Turkey, 18 - 21 May 2017, vol.92
- V. **ŞELAT ÖZELLİKLİ TRİDENTAT SCHİFF BAZI LİGANTLARI ve Cu(II)KOMPLEKSLERİNİN SENTEZİ, KARAKTERİZASYONU ve LÜMİNESANSÖZELLİKLERİNİN İNCELENMESİ**  
GÖNÜL İ., AY B., KARACA S., ŞAHİN O., SERİN S.  
Uluslararası Katılımlı VI. Ulusal Anorganik Kimya Kongresi, Burdur, Turkey, 18 - 21 May 2017
- VI. **Synthesis and Characterization of Insoluble Coordination Polymers and Comparing of their Electrical Conductivity Properties**  
Gönül İ., AY B., Karaca S., Sarıbiyik O. Y., Serin S.  
VI. Ulusal Anorganik Kimya Kongresi, Burdur, Turkey, 18 - 21 May 2017, pp.91
- VII. **Effect of Different Extraction Methods (Subcritical, Supercritical and Conventional) on Chemical Composition of Micromeria Fruticosa L. Druce: A Comparison Study**  
GİRAY E. S., TÜRK M., KIRICI S., KARACA S.  
I. International Congress On Medicinal And Aromatic Plants: "Natural And Healthy Life", Konya, Turkey, 10 - 12 May 2017, pp.622
- VIII. **Optimization of Sub-Critical Water Extraction Conditions of Micromeria Fruticosa L. Druce Using Response Surface Methodology for Pulegone Amount**  
TÜRK M., GİRAY E. S., KIRICI S., KARACA S., YILDIRIM D.  
I. International Congress On Medicinal And Aromatic Plants: "Natural And Healthy Life, Konya, Turkey, 10 - 12 May 2017, pp.621
- IX. **Optimization of Supercritical CO2 Extraction Conditions of Micromeria Fruticosa L. Druce for Pulegone**  
TÜRK M., GİRAY E. S., KIRICI S., KARACA S., YILDIRIM D.  
I. International Congress On Medicinal And Aromatic Plants: "Natural And Healthy Life", Konya, Turkey, 10 - 12

May 2017, pp.620

- X. **Effect of Different Extraction Methods (Subcritical, Supercritical , and Conventional) on Antioxidant Activity of Micromeria Fruticosa L. Druce: A Comparison Study**  
GİRAY E. S., TÜRK M., KIRICI S., KARACA S.  
I. International Congress On Medicinal And Aromatic Plants: "Natural And Healthy Life", Konya, Turkey, 10 - 12 May 2017, pp.623
- XI. **Optimization of Supercritical CO2 Extraction Conditions of Micromeria fruticosa L. Druce for Pulegone**  
TÜRK M., VAYISOĞLU GİRAY E. S., KIRICI S., KARACA S., YILDIRIM D.  
Uluslararası Tıbbi ve Aromatik Bitkiler Kongresi, Konya, Turkey, 10 - 12 May 2017, pp.724
- XII. **Optimization of Supercritical CO2 Extraction Conditions of Micromeria fruticosa L. Druce for Pulegone**  
TÜRK M., GİRAY E. S., KIRICI S., KARACA S., YILDIRIM D.  
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- XIII. **Optimization of Sub-Critical Water Extraction Conditions of Micromeria fruticosa L. Druce Using Response Surface Methodology for Pulegone Amount**  
TÜRK M., VAYISOĞLU GİRAY E. S., KIRICI S., KARACA S., YILDIRIM D.  
Uluslararası Tıbbi ve Aromatik Bitkiler Kongresi, Konya, Turkey, 10 - 12 May 2017, pp.725
- XIV. **2 4 Diamino Toluen ile Glutaraldehit Kullanılarak Elde Edilen İmin Bağlı İçeren Çözünmeyen Polimerik Ligandın Geçiş Metal Komplekslerinin Sentezi Yapısal Karakterizasyonu ve Esterleşme Reaksiyonu Üzerine Katalitik Aktivitesinin Belirlenmesi October 26 28 2016**  
GÖNÜL İ., AY B., KARACA S., SARIBIYIK O. Y., YILDIZ E., SERİN S.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016, 26 - 28 October 2016
- XV. **2 4 Diamino toluen ile glutaraldehit kullanılarak elde edilenimin bağı içeren çözünmeyen polimerik ligandın geçiş metalkomplekslerinin sentezi yapısal karakterizasyonu ve esterleşme reaksiyonu üzerine katalitik aktivitesinin belirlenmesi**  
GÖNÜL İ., AY B., KARACA S., SARIBIYIK O. Y., YILDIZ E., SERİN S.  
1st International Mediterranean Science and Engineering Congress (, Adana, Turkey, 26 - 28 October 2016
- XVI. **Çözünmeyen Polimer ve Bazı Geçiş Metali Komplekslerinin Üretimi ve Esterleşme Reaksiyonlarında Katalitik Etkinliklerinin Araştırılması**  
Sarıbiyik O. Y., Gönül İ., Ay B., Karaca S., Serin S.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.1603
- XVII. **2,4-Diamino Toluen ile Glutaraldehit Kullanılarak Elde Edilen İmin Bağlı İçeren Çözünmeyen Polimerik Ligandın Geçiş Metal Komplekslerinin Sentezi, Yapısal Karakterizasyonu ve Esterleşme Reaksiyonu Üzerine Katalitik Aktivitesinin Belirlenmesi**  
Gönül İ., Ay B., Karaca S., Sarıbiyik O. Y., YILDIZ E., Serin S.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 October 2016 - 28 October 2018, pp.1454
- XVIII. **Hydrothermal synthesis and photoluminescent properties of two novel metal-organic frameworks constructed by lanthanide (Ln = Ce(III), Eu(III))**  
AY B., YILDIZ E., LOPEZ V., KARACA S., Zubieta J., Nanao M.  
Green and Sustainable Chemistry Conference, Berlin, Germany, 3 April - 06 August 2016, pp.1
- XIX. **Ligand Karakterli Polimerler ve Bu Polimerlerin Co(II), Ni(II), Cu(II) Komplekslerinin Sentezi, Karakterizasyonu ve Katalitik Etkinliklerinin İncelenmesi**  
Gönül İ., Ay B., Karaca S., Sarıbiyik O. Y., Serin S.  
IV. Ulusal Anorganik Kimya Kongresi, Tokat, Turkey, 30 May - 02 June 2013, pp.117
- XX. **Hidrotermal Şartlarda Sentezlenen Ay-Yıldız Katalizörünün Kristal Yapısı, Karakterizasyonu ve Timokinon Eldesinde Katalitik Performans Optimizasyonu**  
AY B., Karaca S., Karataylı Y., YILDIZ E.  
IV. ULUSAL ANORGANİK KİMYA KONGRESİ, Tokat, Turkey, 30 May - 02 June 2013, pp.158

## **Metrics**

Publication: 29

Citation (WoS): 161

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