

# Prof. MUSTAFA SÜLÜ

## Personal Information

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## International Researcher IDs

Publons / Web Of Science ResearcherID: ABH-5282-2020

Yoksis Researcher ID: 6715

## Education Information

Doctorate, Eidgenössische Technische Hochschule Zürich, Kimya, Switzerland 1990 - 1994

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1983 - 1986

Undergraduate, Cukurova University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1979 - 1983

## Research Areas

Chemistry, Inorganic Chemistry, Catalysis, Coordination Chemistry, Natural Sciences

## Academic Titles / Tasks

Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 1984 - Continues

## Academic and Administrative Experience

Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2008 - 2011

Inonu University, Fen Bilimleri Enstitüsü, 2000 - 2001

Inonu University, Fen-Edebiyat Fakültesi, 2000 - 2000

## Courses

Anorganik Kimya III, Undergraduate, 2013-2014

Genel Kimya II, Undergraduate, 2013-2014

Organofosfor Kimyası, Undergraduate Minor, 2013-2014

Anorganik Kimya Laboratuvarı, Undergraduate, 2013-2014

İleri Anorganik Kimya, Undergraduate Double Major, 2013-2014

Ftalosiyanın Kimyası, Undergraduate Minor, 2012-2013

Ftalosiyanın Spektroskopik Özellikleri, Undergraduate Minor, 2012-2013

Anorganik Kimya II, Undergraduate, 2012-2013

Anorganik Kimya I, Undergraduate, 2012-2013

## ADVISING 1 NESSES

SÜLÜ M., Flor sübstitüe dendritik ftalosiyeninlerin sentezi ve karakterizasyonu, Postgraduate, A.KARTAL(Student), 2013  
SÜLÜ M., Piridin sübstitüye ftalosiyeninlerin sentezi ve özelliklerinin incelenmesi, Postgraduate, İ.GÜREL(Student), 2011  
SÜLÜ M., İmidazol sübstitüye ftalosiyeninlerin sentezi ve karakterizasyonu, Doctorate, E.YABAŞ(Student), 2011  
SÜLÜ M., Sandviç ftalosiyenin içeren dendrimerlerin sentezi ve özelliklerinin incelenmesi, Postgraduate, E.YABAŞ(Student), 2005  
SÜLÜ M., Rutenyum tripodalfosfin karbonil komplekslerinin sentezi ve katalitik özelliklerinin hidroformilasyon reaksiyonlarında incelenmesi, Postgraduate, A.ÇAKIR(Student), 2005

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

- I. **Imidazole octasubstituted novel mono and double-decker phthalocyanines: Synthesis, characterization, electrical and gas sensing properties**  
YABAŞ E., SÜLÜ M., DUMLUDAĞ F., SALİH B., Bekaroglu O.  
POLYHEDRON, vol.153, pp.51-63, 2018 (SCI-Expanded)
- II. **Antioxidant activities of the new tetrasubstituted metal-free, Zn(II) and Co(II) monophthalocyanines**  
SOYLEMEZ N., YABAŞ E., Bolukbasi S. S., SÜLÜ M.  
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.22, pp.233-242, 2018 (SCI-Expanded)
- III. **Electrical and electrochemical properties of double-decker Lu(III) and Eu(III) phthalocyanines with four imidazoles and N-alkylated imidazoles**  
YABAŞ E., SÜLÜ M., DUMLUDAĞ F., ÖZKAYA A. R., SALİH B., Bekaroglu O.  
POLYHEDRON, vol.42, no.1, pp.196-206, 2012 (SCI-Expanded)
- IV. **Synthesis, characterization and investigation of electrical and electrochemical properties of imidazole substituted phthalocyanines**  
YABAŞ E., SÜLÜ M., Saydam S., DUMLUDAĞ F., SALİH B., Bekaroglu O.  
INORGANICA CHIMICA ACTA, vol.365, no.1, pp.340-348, 2011 (SCI-Expanded)
- V. **An attempt to understand the observed plateau of the magnetization in tetranuclear iron(II) complexes of thiacalixarene macrocycles**  
Bayri A., BAKIR H. G., SÜLÜ M., KARAKAPLAN M.  
PRAMANA-JOURNAL OF PHYSICS, vol.74, no.3, pp.391-397, 2010 (SCI-Expanded)
- VI. **Magnetochemistry of some trinuclear Co(II) thiocarboxylates**  
Bayri A., Aytakin O., SÜLÜ M., KARAKAPLAN M.  
MODERN PHYSICS LETTERS B, vol.22, no.9, pp.677-684, 2008 (SCI-Expanded)
- VII. **Theoretical approach to the magnetic properties of Co(II) ion in CoL<sub>2</sub> center dot 5H<sub>2</sub>O compound (L is 5-chloro-2-methoxybenzoate)**  
BAYRI A., Sulu M., ISIK F.  
JOURNAL OF STRUCTURAL CHEMISTRY, vol.47, no.5, pp.869-874, 2006 (SCI-Expanded)
- VIII. **Magnetic behavior of trinuclear vanadium(II)-diamine complexes. Part 2. Large intramolecular antiferromagnetic exchange interactions in a triangular unit**  
Bayri A., Sulu M.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.16, no.2, pp.185-188, 2006 (SCI-Expanded)
- IX. **Synthesis, characterization and electrical and CO<sub>2</sub> sensing properties of triazine containing three dendritic phthalocyanine**  
Sulu M., ALTINDAL A., BEKAROGLU O.  
SYNTHETIC METALS, vol.155, no.1, pp.211-221, 2005 (SCI-Expanded)
- X. **The sol-gel synthesis and application of some anticorrosive coating materials**  
SAYILKAN H., SENER S., SENER E., Sulu M.  
MATERIALS SCIENCE, vol.39, no.5, pp.733-739, 2003 (SCI-Expanded)
- XI. **Decomposition of rhodium and iridium complexes of tripodal phosphine derivatives studied by thermal analysis**

YILMAZ V., Sulu M., YAZICILAR T.

THERMOCHIMICA ACTA, vol.366, no.1, pp.71-78, 2001 (SCI-Expanded)

- XII. **Acetalization and transacetalization reactions catalyzed by ruthenium, rhodium, and iridium complexes with (2-{{bis[3-(trifluoromethyl)phenyl]phosphino}methyl}-2-methylpropane-1,3-diy)}bis[bis[3-(trifluoromethyl)phenyl]phosphine] (MeC[CH<sub>2</sub>P(m-CF<sub>3</sub>C<sub>6</sub>H<sub>4</sub>)(2)](3))**  
Sulu M., Venanzi L.  
HELVETICA CHIMICA ACTA, vol.84, no.4, pp.898-907, 2001 (SCI-Expanded)
- XIII. **Antifungal activity of rhodium, iridium, and ruthenium tripodal phosphine complexes**  
Sulu M., KUCUKBAY H., DURMAZ R., GUNAL S.  
MICROBIOLOGICA, vol.23, no.1, pp.73-78, 2000 (SCI-Expanded)
- XIV. **The ruthenium and iridium coordination chemistry of the tripodal ligand CH<sub>3</sub>C{CH<sub>2</sub>P(m-CF<sub>3</sub>-C<sub>6</sub>H<sub>4</sub>)(2)}(3)**  
Sulu M., Venanzi L.  
INORGANICA CHIMICA ACTA, vol.293, no.1, pp.70-79, 1999 (SCI-Expanded)
- XV. **The synthesis of the tripodal phosphine CH<sub>3</sub>C{CH<sub>2</sub>P(m-CF<sub>3</sub>C<sub>6</sub>H<sub>4</sub>)(2)}(3) and its rhodium coordination chemistry**  
Sulu M., Venanzi L., Gerfin T., Gramlich V.  
INORGANICA CHIMICA ACTA, vol.270, pp.499-510, 1998 (SCI-Expanded)
- XVI. **Antibacterial activity of rhodium, iridium, and ruthenium tripodal phosphine complexes**  
Sulu M., KUCUKBAY H., DURMAZ R., GUNAL S.  
ARZNEIMITTEL-FORSCHUNG-DRUG RESEARCH, vol.48, no.3, pp.291-293, 1998 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Antibacterial activity of rhodium, iridium and ruthenium tripodal phosphine complexes**  
SÜLÜ M., KÜÇÜKBAY H., DURMAZ R., GÜNAL S.  
Arzneim.-Forsch./Drug Res, vol.46, no.1, pp.291-294, 1998 (ESCI)

## Books & Book Chapters

- I. **Hız. Muhammed(s.a.v)'xin Davranışlarında İtidal**  
SÜLÜ M., KARAGÖZ M., KAÇMAZOĞLU H. B., DURAK N., TATAR T., YAZICI O., ŞENTÜRK Ü., BAYHAN V., BOZKURT M., BAŞKAN Y., et al.  
in: Sabit Duman Armağanı, Yahya Başkan, Editor, Sonçağ Akademi, Ankara, pp.169-186, 2020

## Supported Projects

- SÜLÜ M., TÜFENKÇİ M., Project Supported by Higher Education Institutions, Benzotiyazol Sübstitüe Sepet Tipi Dendritik Ftalosiyanın Sentezi ve Karakterizasyonu, 2022 - 2024
- SÜLÜ M., SÖĞÜT M., Project Supported by Higher Education Institutions, Suda Çözünebilen Dendritik Ftalosiyanın Sentezi ve Karakterizasyonu, 2021 - 2022
- SÜLÜ M., Project Supported by Higher Education Institutions, POLİNÜKLEER DENTRİTİKFTALOSİYONİNLERİN SENTEZİVE OKSİDAN..., 2014 - 2017

## Metrics

Publication: 18

Citation (WoS): 183

Citation (Scopus): 142

H-Index (WoS): 8

H-Index (Scopus): 6