

# 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 THeses

- SÜLÜ M., Flor sübstütüe dendritik ftalosiyeninlerin sentezi ve karakterizasyonu, Postgraduate, A.KARTAL(Student), 2013
- SÜLÜ M., Piridin sübstütüye ftalosiyeninlerin sentezi ve özelliklerinin incelenmesi, Postgraduate, İ.GÜREL(Student), 2011
- SÜLÜ M., İmidazol sübstütüye 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. **H. Muhammed(s.a.v)'xxin 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 Ftalosiyanınların Sentezi ve Karakterizasyonu, 2022 - 2024
- SÜLÜ M., SÖĞÜT M., Project Supported by Higher Education Institutions, Suda Çözünebilen Dendritik Ftalosiyanınların 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