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Education Information

Doctorate, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1986 - 1992

Post Graduate, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1984 - 1986

Under Graduate, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1977 - 1981

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Chemistry, Inorganic Chemistry, Catalysis, Coordination Chemistry, Solid-State Chemistry, Natural Sciences

Academic Titles / Tasks

Professor, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2006 - Continues

Professional Experience

Head of Department, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2010 - Continues

Head of Department, Ege Üniversitesi, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2005 - 2009

Deputy Head of Department, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2003 - 2006

Advising Theses

İRİŞLİ S., NEW DIPHOSPHINE LIGANDS AND THEIR Pincer AND CHELATING Pd AND Pt COMPLEXES, Post Graduate, E.ÖZTÜRK(Student), 2018

İRİŞLİ S., Hybride phosphine ligands containing O and N atoms and their platinum group metal complexes, Post Graduate, M.KARAMAN(Student), 2014

İRİŞLİ S., Palladium and platinum complexes of diphosphinite ligands and their catalytic applications, Post Graduate, C.GÜZELSOYLU(Student), 2011

İRİŞLİ S., The complexes of pincer ligand derived from P(CH₂)_n P(n=3,5) backbones, Post Graduate, E.SEZER(Student), 2011

İRİŞLİ S., The synthesis and characterization of palladium complexes containing pincer type ligands, Doctorate, S.YANAR(Student), 2010

İRİŞLİ S., Metallocyclic complexes which contain different heteroatom and their catalytic applications, Post Graduate, N.ARDA(Student), 2010

İRİŞLİ S., Aminophosphine ligands derived from Schiff bases, Post Graduate, Ç.EREZ(Student), 2009

İRİŞLİ S., Bis (phosphino) amine ligands and their complexes, Post Graduate, A.ŞEN(Student), 2005

İRİŞLİ S., Ag (I) complexes containing BIS (phosphine) disulphide ligands, Post Graduate, F.TİRYAKI(Student), 2005

İRİŞLİ S., Ionic Pd(II) complexes containing the bis (diphenylthiophosphinyl) methane, Post Graduate, S.YANAR(Student),

2005

İRİŞLİ S., Ionic Pt(II) complexes containing the bis(diphenylthiophosphinyl)methane, Post Graduate, L.ALKAN(Student),

2004

İRİŞLİ S., Carbene complexes derived from tetraaminoalkenes containing functional groups, Post Graduate,

M.ERGÜN(Student), 2000

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **CHELATED PALLADIUM AND PLATINUM COMPLEXES OF DIPHOSPHINITE LIGANDS, CH₂(o-C₆H₄OPPh₂)(2) AND Ph₂PO(CH₂)(3)OPPh₂: CHARACTERIZATION AND CATALYTIC ACTIVITY**
İRİŞLİ S., Guzelsoylu C., KARAMAN M., Buyukgungor O.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.190, pp.1668-1679, 2015 (Journal Indexed in SCI)
- **Palladium and platinum complexes of the new ligands containing P-N and P-O bonds**
İRİŞLİ S., KARAMAN M., ARDA N., DİNDAR B., BÜYÜKGÜNGÖR O.
POLYHEDRON, vol.81, pp.203-209, 2014 (Journal Indexed in SCI)
- **3-[(Diphenylphosphinothioyl)oxy]-N-methylpropan-1-aminium diphenylphosphanylthioate**
KARAMAN M., İRİŞLİ S., Büyükgüngör O.
Acta Crystallographica Section C: Structural Chemistry, vol.70, pp.320-322, 2014 (Journal Indexed in SCI)
- **Structure analysis of O,O'-propane-1,3-diyl bis[diphenyl(phosphinothioate)]**
KARAMAN M., İRİŞLİ S., Buyukgungor O.
CRYSTALLOGRAPHY REPORTS, vol.58, pp.1088-1090, 2013 (Journal Indexed in SCI)
- **Bis[bis(diphenylthiophosphinyl)amido-kappa 2 S,S']platinum(II)**
GUZELSOYLU C., İRİŞLİ S., BÜYÜKGÜNGÖR O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.67, 2011 (Journal Indexed in SCI)
- **Ionic Platinum(II)-Imidobis(diphenylthiophosphinato) Complexes: Preparation, Structure, and Thermal Behavior**
İRİŞLİ S., YANAR S., Buyukgungor O.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.185, pp.2036-2044, 2010 (Journal Indexed in SCI)
- **New Organophosphorus Proligands and Amide Precursors: Crystal and Molecular Structures of Ph₂P(X)NH(C₆H₃Pri_{2-2,6}) (X = O, S) and (OPPh₂)(O₂SMe)N(C₆H₃Pri_{2-2,6})**
POLLNITZ A., İRİŞLİ S., SILVESTRU C., SILVESTRU A.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.185, pp.910-919, 2010 (Journal Indexed in SCI)
- **Thermogravimetric Study of Ionic Pt(II) Complexes Containing Bis(diphenylthiophosphinyl)methane**
DOĞAN F., İRİŞLİ S.
POLISH JOURNAL OF CHEMISTRY, vol.83, pp.1-6, 2009 (Journal Indexed in SCI)
- **Silver(I) Complexes Containing Diphosphine and Bis(Phosphine) Disulphide Ligands**
İRİŞLİ S., TIRYAKI F.
ASIAN JOURNAL OF CHEMISTRY, vol.21, pp.355-360, 2009 (Journal Indexed in SCI)
- **Dimeric versus monomeric nickel(II) complexes with tetraorganodichalcogenoimidodiphosphinato ligands: Crystal structures of Ni-2[(OPPh₂)(2)N](4) center dot CH₂Cl₂, Ni[(OPPh₂)(2)N](2)(DMF)(2) center dot 2H₂O and [KNi{(SPPH₂){OP(OEt)(2)}N}(3)](2)**
CRISTUREAN A., İRİŞLİ S., MARGINEAN D., RAT C., SILVESTRU A.
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- **Thermal study of Pd(II) complexes containing bis-(diphenylthiophosphinyl) methane**
DOĞAN F., YANAR S., İRİŞLİ S.
Asian Journal of Chemistry, vol.20, pp.999-1006, 2008 (Journal Indexed in SCI)
- **Preparation and crystallographic characterization of Pd(II) complexes containing imidobis(diphenylthiophosphinato) ligand**
YANAR S., İrisli S., BUEYUEKGUENGOER O.

POLYHEDRON, vol.26, pp.4114-4118, 2007 (Journal Indexed in SCI)

- **Synthesis and crystallographic characterization of cationic Pd(II) complexes containing bis(diphenylthiophosphinyl)methane**
Irisli S., YANAR S.
POLYHEDRON, vol.25, pp.1333-1336, 2006 (Journal Indexed in SCI)
- **[Bis(diphenylphosphino)methane-kappa P-2,P '][bis(diphenylthiophosphinyl)methane-kappa S-2,S ']-platinum(II) bis(perchlorate) acetone solvate**
ALKAN L., Irisli S.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (Journal Indexed in SCI)
- **[Bis(diphenylphosphino)methane-kappa2P,P '][bis(diphenylthiophosphinyl)methane-kappa2S,S ']platinum(II) bis(perchlorate) acetone solvate**
ALKAN L., İRİŞLİ S.
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- **[Bis(diphenylphosphino)amine-kappa P-2,P '][1,3-bis(diphenylphosphino)propane-kappa P-2,P ']platinum(II) dichloride dichloromethane solvate**
Irisli S., SEN A.
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- **N,N '-bis(ethylidiphenylphosphino)ethylenediamine P,P '-dioxide**
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- **Ionic Pt(II) complexes containing bis(diphenylthiophosphinyl)methane**
Irisli S., ALKAN L.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.34, pp.1817-1823, 2004 (Journal Indexed in SCI)
- **[Bis(diphenylphosphino)methane]-[1,3-bis(diphenylphosphino)propane]-platinum(II) dibromide**
GUNES B., NERGİZ E., IDE S., SAHİN E., Irisli S.
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- **Unsymmetrical platinum(II) complexes with diphosphine ligands**
Irisli S., SARIKAHYA F., SANKAHYA Y.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.27, pp.431-440, 1997 (Journal Indexed in SCI)
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- **IONIC PLATINUM(II) COMPLEXES WITH THE LIGAND 1,2-BIS(DICYCLOHEXYLPHOSPHINO)ETHANE**
İRİSLİ S., SARIKAHYA F., SARIKAHYA Y.
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- **SYNTHESIS AND COORDINATION CHEMISTRY OF DICOBALT-COMPLEXED THIACYCLOALKYNES**
DEMİRHAN F., GELLING A., İRİSLİ S., JEFFERY J., SALEK S., SENTURK O., WENT M.
JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS, pp.2765-2773, 1993 (Journal Indexed in SCI)
- **COORDINATION OF COPPER AND SILVER BY [CO₂(MU-C₂(CH₂SCH₂CH₂)₂S)(CO)₆]**
DEMİRHAN F., İRİSLİ S., SALEK S., SENTURK O., WENT M., JEFFERY J.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.453, 1993 (Journal Indexed in SCI)

Books & Book Chapters

- **Atomun yapısı, İyonik Denge III**,
SERİNDAĞ O., İRİŞLİ S., GÖRGÜLÜ A. O. , ÖZCAN M., YILMAZ V. T. , BÜYÜKMUMCU Z., TÜLÜ M.,
SARAÇOĞLU N., PEHLİVAN E., KANTEKİN H., et al.
in: Kimya Cilt I ve Cilt II, Mehmet Tüfekçi Serdar Karaböcek , selami Karslıoğlu, Ahmet Demirbaş, Editor, Nobel,
2014

Refereed Congress / Symposium Publications in Proceedings

- **Organofosfin Sülfür Ligandlı Pt(II) Komplekslerinin Termal Davranışları**
KARADENİZ L., DOĞAN F., İRİŞLİ S.
XX. Ulusal Kimya Kongresi, Turkey, 4 - 08 September 2006
- **Bis(Difenilfosfino)amin Disülfür Ligandlı İyonik Pd(II) Kompleksleri**
YANAR S., KARADENİZ L., İRİŞLİ S.
XX. ULUSAL KİMYA KONGRESİ, Turkey, 4 - 08 September 2006
- **Bis(Difenilfosfino)amin Disülfür Ligandlı İyonik Pt(II) Kompleksleri**
ALKAN L., İRİŞLİ S.
XIX. Ulusal Kimya Kongresi, Turkey, 30 September - 04 October 2005
- **Organofosfin Sülfür Ligandlı Pt(II) Kompleksleri**
ALKAN L., İRİŞLİ S.
XVII. Ulusal Kimya Kongresi, Turkey, 8 - 11 September 2003

Supported Projects

- İRİŞLİ S., Project Supported by Higher Education Institutions, YENİ DİFOSFİN LİGANDLARI İLE ŞELAT VE KISKAÇ YAPILI PD VE PT KOMLEKSLERİ, 2017 - 2018
- İRİŞLİ S., Project Supported by Higher Education Institutions, N VE O İÇEREN HİBRİT FOSFİN LİGANDLARI VE PT GRUBU METAL KOMPLEKSLERİ, 2012 - 2014
- İRİŞLİ S., Project Supported by Higher Education Institutions, FARKLI HETERO ATOM İÇEREN FOSFİN LİGANTLARI VE PT GRUBUMETAL KOMPLEKSLERİ, 2011 - 2014
- İRİŞLİ S., Project Supported by Higher Education Institutions, BİYOLOJİK AKTİF KOMPLEKSLER, 2010 - 2014
- İRİŞLİ S., TUBİTAK Project, DÜZ ZİNCİRLİ VE HALKALI YAPIDAKİ DOYMUŞ HİDROKARBONLARDAN TÜREYEN KISKAÇ LİGAND-METAL KOMPLEKSLERİ VE UYGULAMALARI, 2011 - 2013
- İRİŞLİ S., Project Supported by Higher Education Institutions, FARKLI HETEROATOM İÇEREN KISKAÇ YAPILI DİFOSFİNLER VE METAL KOMPLEKSLERİ, 2010 - 2012
- İRİŞLİ S., Project Supported by Higher Education Institutions, FARKLI HETEROATOM İÇEREN METALLO HALKALI KOMPLEKSLER VE KATALİTİK UYGULAMALARI, 2009 - 2011
- İRİŞLİ S., Project Supported by Higher Education Institutions, AMİDODİFOSFİN-KALKOJEN LİGANTLI GEÇİŞ METAL KOMPLEKSLERİ, 2009 - 2011
- İRİŞLİ S., Project Supported by Higher Education Institutions, SCHİFF BAZI İÇEREN TRİPODAL LİGANDLAR VE METAL KOMPLEKSLERİ, 2009 - 2011
- İRİŞLİ S., Project Supported by Higher Education Institutions, PLATİN GRUBU METALLERİNİN KISKAÇ TİPİ LİGAND KOMPLEKSLERİ, 2007 - 2011
- İRİŞLİ S., Project Supported by Higher Education Institutions, FARKLI HETEROATOM İÇEREN FOSFİN LİGANDLARI İLE OLUŞTURULAN METALLOHALKALI KOMPLEKSLER VE KATALİTİK UYGULAMALARI, 2007 - 2010
- İRİŞLİ S., Project Supported by Higher Education Institutions, SCHİFF BAZLARINDAN TÜREYEN AMİNOFOSFİN LİGANDLARI VE METAL KOMPLEKSLER, 2008 - 2009
- İRİŞLİ S., Project Supported by Higher Education Institutions, KISKAÇ TİPİ LİGANDLARI İÇEREN PALLADYUM VE PLATİN KOMPLEKSLERİNİN SENTEZİ VE YAPILARININ AYDINLATILMASI, 2006 - 2009
- İRİŞLİ S., TUBİTAK Project, Farklı Heteroatom İçeren Fosfin Ligandları ile Oluşturulan Metallohalkalı Kompleksler ve Katalitik Uygulamaları, 2006 - 2008

İRİŞLİ S., Project Supported by Higher Education Institutions, KALKOJENİD AG VE PT KOMPLEKSLERİ, 2004 - 2006
İRİŞLİ S., Project Supported by Higher Education Institutions, DİFOSFİN VE BİS(FOSFİN)SÜLFÜR LİGANDLI PD(II)KOMPLEKSLERİ, 2004 - 2005
İRİŞLİ S., Project Supported by Higher Education Institutions, KÜKÜRT DONORLU BAZI LİGANDLARIN AG(I) KOMPLEKSLERİ, 2004 - 2005
İRİŞLİ S., TUBİTAK Project, Kalkojenid-Ag ve Pt Kompleksleri, TÜBİTAK Projesi, 2003 - 2004
İRİŞLİ S., Project Supported by Higher Education Institutions, BİS (FOSFİN) SÜLFÜR LİGANDLARINI İÇEREN GEÇİŞ METAL KOMPLEKSLERİ., 2002 - 2004
İRİŞLİ S., Project Supported by Higher Education Institutions, BİNÜKLEER PLATİN KOMPLEKSLERİ, 1995 - 2002
İRİŞLİ S., TUBİTAK Project, Bazı Yeni Mo-N₂ komplekslerinin Sentezi ve Dönüşümlü Azot bağlama Mekanizmalarının İncelenmesi, 1995 - 1996
İRİŞLİ S., Project Supported by Higher Education Institutions, DİFORFİN LİGANDLI BAZI GEÇİŞ METAL KOPLEKSLERİ, 1987 - 1990

Invited Congress and Symposium Activities

O,O'-Propan-1,3-diyil bis[difenil(fosfinotiyolat)]: Sentez, Yapı Aydınlatma, Termal Özellikler", Attendee, Tokat, Turkey, 2013
Aminofosfin-Fosfinit Ligandlı Palladyum VE Platin Kompleksleri, Attendee, Turkey, 2013
PSP Tipi Kısaç Ligand İçeren Palladyum ve Platin Kompleksleri, Attendee, Turkey, 2013
P-N ve P-O Bağı İçeren Kısaç Ligandlar ve Metal Kompleksleri", Attendee, Muğla, Turkey, 2012
2,2'-Tiyodietanol'ün Fosfin Ligandı ve Pt Grubu Metal Kompleksleri, Attendee, Turkey, 2012
Propan-1,3-diyilbis[difenil(fosfinotiyolat)]- Platin Grubu Metal Kompleksleri; Sentezi, Karakterizasyonu ve Özellikleri', Attendee, Turkey, 2012
Kısaç Ligand Metal Kompleksleri ve Katalitik Etkinlikleri, Attendee, Turkey, 2010
1-(difenilfosfino)piperidin-3-il difenilfosfinit-Pd Kompleksi: Sentezi, Karakterizasyonu, Özellikleri, Attendee, Zonguldak, Turkey, 2010
Difosfinit Ligandlı Paladyum ve Platin Kompleksleri, Attendee, Turkey, 2010
P(CH₂)_nP (n=3,5) Zincirlerinden Türeyen Kısaç Ligand-Pd Kompleksleri, Attendee, Turkey, 2010
Thermal Decomposition Kinetics of Pd(II) Complexes Containing Imidobis(diphenylthiophosphinato)Ligand, Attendee, Girne, Cyprus (Kkct), 2008
Schiff Bazlarından Türeyen Aminofosfin Ligandları, Attendee, Girne, Cyprus (Kkct), 2008
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Organofosfin Sülfür Ligandlı Pt(II) Komplekslerinin Termal Davranışları, Attendee, Kayseri, Turkey, 2006
Bis(difenilfosfino) metan Disülfür Ligandlı Pd(II) Komplekslerinin Termal özelliklerinin incelenmesi, Attendee, Turkey, 2006
Bis(difenilfosfino) amin Disülfür Ligandlı İyonik Pd(II) Kompleksleri, Attendee, Turkey, 2006
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Bis(difenilfosfino)amin disülfür Ligandlı İyonik Pt(II) Kompleksleri, Attendee, Turkey, 2005
Aminofosfin Ligandlı Geçiş Metal Kompleksleri, Attendee, Turkey, 2004
Organofosfin Sülfür Ligandlı Ag(I) Kompleksleri, Attendee, Kars, Turkey, 2004
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Bazı Yeni Mo-N₂ Komplekslerinin Sentezleri, Attendee, Van, Turkey, 1997
Dikloro ve Dibromo(Difosfin)Platin(II) Komplekslerinin PPh₃ ile Reaksiyonları, Attendee, Bursa, Turkey, 1994
Dikobalt Alkin Kompleksleri ile Tiyoeter Ligandları Arasındaki Reaksiyonlar, Attendee, Turkey, 1993
1,2 -Bis(disikloheksilfosfino)etan Ligandlı İyonik Platin(II) Kompleksleri, Attendee, Trabzon, Turkey, 1993
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R₂P(CH₂)_nPR₂PtX₂ Komplekslerinin Bazı Tek Dişli Ligandlarla Etkileşimi, Attendee, Ankara, Turkey, 1986

Citations

Total Citations (WOS):78

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