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International Researcher IDs

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Yoksis Researcher ID: 6834

Education Information

Doctorate, Eskişehir Osmangazi University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 1992 - 1997

Postgraduate, Anadolu University, Institute Of Science, Atom Ve Molekül Fiziği (YI) (Tezli), Turkey 1989 - 1992

Undergraduate, Fırat University, Faculty Of Arts And Sciences, Fizik Pr., Turkey 1984 - 1989

Dissertations

Doctorate, N,N-Dimetiltiyoforformamid Metal(II) Tetrasiyanonik Komplekslerinin Infrared Spektroskopik Bölgesinde İncelenmesi, Eskişehir Osmangazi University, Fen Bilimleri Enstitüsü, Fizik (Dr), 1997

Postgraduate, N,N dimetilasetamid tetrasiyanonik komplekslerinin IR spektroskopik bölgesinde incelenmesi, Anadolu University, Fen Bilimleri Enstitüsü, Atom Ve Molekül Fiziği (YI) (Tezli), 1992

Research Areas

Physics, Atomic and Molecular Physics, Atomic and Molecular Interactions, Interdisciplinary Physics and Related Science and Technology Areas, Infrared Spectroscopy, Raman Spectroscopy, Spectroscopical Methods, Polymeric Complexes, Spectroscopy

Academic Titles / Tasks

Professor, Eskişehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2015 - Continues

Associate Professor, Eskişehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2010 - 2015

Assistant Professor, Eskişehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 1997 - 2010

Research Assistant, Eskişehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 1993 - 1997

Research Assistant, Anadolu University, Faculty Of Science, Department Of Physics, 1990 - 1993

Academic and Administrative Experience

Head of Department, Eskişehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2021 - Continues

Head of Department, Eskişehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2016 - Continues

Ethics Committee Member, Eskisehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2020 - 2023
Doçentlik Ön İnceleme Komisyonu, Eskisehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2017 - 2019
Deputy Director of the Center, Eskisehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2015 - 2018
Head of Department, Eskisehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2013 - 2016
Head of Department, Eskisehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2010 - 2013
Deputy Head of Department, Eskisehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2011 - 2012
Head of Department, Eskisehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2004 - 2007
Deputy Head of Department, Eskisehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2005 - 2006

Courses

SPECTROSCOPIC METHODS IN PHYSICS, Postgraduate, 2022 - 2023
STATISTICAL MECHANICS AND ITS APPLICATIONS, Doctorate, 2022 - 2023
MOLECULAR SPECTROSCOPY I, Undergraduate, 2022 - 2023
Atom and Molecular Physics I, Undergraduate, 2022 - 2023
MODERN KUANTUM MEKANIĞI, Postgraduate, 2021 - 2022
SCIENTIFIC RESEARCH METHODS AND ETHICS, Postgraduate, 2021 - 2022
MODERN FİZİK LABORATUVARI, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019
MODERN FİZİK, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019
MODERN KUANTUM MEKANIĞI, Postgraduate, 2020 - 2021
İLERİ MOLEKÜL FİZİĞİ, Doctorate, 2019 - 2020, 2018 - 2019, 2017 - 2018
MOLEKÜLER MODELLEME, Doctorate, 2019 - 2020, 2018 - 2019, 2017 - 2018
KUANTUM KİMYASAL HESAPLAMALAR, Doctorate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014
FİZİK-II LABORATUVARI, Undergraduate, 2017 - 2018
ATOM VE MOLEKÜL FİZİĞİ-I, Undergraduate, 2017 - 2018, 2016 - 2017
FİZİK-I LABORATUVARI, Undergraduate, 2017 - 2018
ATOM VE MOLEKÜL FİZİĞİ-II, Undergraduate, 2017 - 2018, 2016 - 2017
FİZİK-II, Undergraduate, 2017 - 2018
FİZİK-I, Undergraduate, 2017 - 2018
FİZİKTE SPEKTROSKOPİK YÖNTEMLER, Postgraduate, 2017 - 2018, 2016 - 2017
KUANTUM İSTATİSTİĞİ, Doctorate, 2016 - 2017, 2015 - 2016
KUANTUM FİZİĞİ II, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013
KUANTUM FİZİĞİ-I, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013

Advising Theses

Kürkçüoğlu G. S., Optimization of Cu(In,Ga)Se₂ Films Produced by Magnetron Sputtering Technique for Solar Cell Applications , Doctorate, E.ENÖNLÜ(Student), Continues
Kürkçüoğlu G. S., The Synthesis of Some Transition Metals and Hexacyanomethalate Complexes with Pyridine Derived Ligands, Investigation of Structural Properties and Some Applications, Doctorate, S.KEKEÇ(Student), Continues
Kürkçüoğlu G. S., Synthesis, Characterization, and Investigation of Catalyst Properties of Bimetallic (Cu/Ni, Cu/Pd, Cu/Pt, Zn/Pd and Cd/Pd) Cyanide Complexes with Imidazole Ligand Ligandı ile İki Metalli (Cu/Ni, Cu/Pd, Cu/Pt, Zn/Pd ve Cd/Pd) Siyanür Komplekslerinin Sentezi, Karakterizasyonu ve Katalizör Özelliklerinin İncelenmesi, Postgraduate, T.MWANZA(Student), 2022
Kürkçüoğlu G. S., Pvc profil hamuru üretiminde kullanıma uygun termal ve uv dayanımı yüksek olan yeni nesil stabilizör ve katkı malzemelerinin araştırılması, Doctorate, İ.KAVLAK(Student), 2019
Kürkçüoğlu G. S., 1,2-dimetilimidazol molekülünün ve metal komplekslerinin yapısal, titreşimsel ve elektronik geçiş enerjilerinin deneysel ve teorik olarak incelenmesi, Postgraduate, B.KINIK(Student), 2019
Kürkçüoğlu G. S., Bazı geçiş metallerinin [ni(II), cu(II), zn(II) ve cd(II)] 2-etilimidazol ligandı ile tetrasiyanometalat(II) [ni,

pd, pt] komplekslerinin sentezi, spektral ve yapısal özelliklerinin incelenmesi, Postgraduate, T.YAVUZ(Student), 2019

Kürkçüoğlu G. S., Bazı geçiş metallerinin 2-piridinetanol ve 2-piridinmetanol ligantları ile siyanür komplekslerinin sentezi ve yapısal özelliklerinin incelenmesi, Doctorate, E.SAYIN(Student), 2015

Kürkçüoğlu G. S., 3-metilpiridazin ile siyanür köprülü iki boyutlu (2D) koordinasyon polimerlerinin sentezi ve yapısal özelliklerinin araştırılması, Postgraduate, K.GÖR(Student), 2014

Kürkçüoğlu G. S., Bazı geçiş metallerinin (Ni(II), Cu(II), Zn(II) ve Cd(II)) 1-etilimidazol ligantı ile tetraşyanometalat(II) (Ni(II), Pd(II), Pt(II)) komplekslerinin sentezi ve yapısal özelliklerinin incelenmesi, Postgraduate, F.ÇETİNKAYA(Student), 2013

Kürkçüoğlu G. S., Bazı geçiş metalleri ile siyanür komplekslerinin sentezi, spektroskopik, termal ve yapısal özelliklerinin incelenmesi, Doctorate, D.KARAAĞAÇ(Student), 2013

Kürkçüoğlu G. S., Bazı geçiş metalleri ile karışık ligantlı [N,N-dimetiletilediamin ve N,N-dietiletilediamin] tetraşyanometalat(II) [metal: Ni, Pd] komplekslerinin sentezi, spektroskopik, termal ve yapısal özelliklerinin araştırılması, Postgraduate, M.AKSEL(Student), 2011

Kürkçüoğlu G. S., 1-metilimidazol ligantı içeren çift çekirdekli iki boyutlu bakır(II), çinko(II) ve kadmiyum(II)? tetraşyanonikelat(II) komplekslerinin sentezi, spektroskopik ve yapısal özelliklerinin araştırılması, Postgraduate, İ.KAVLAK(Student), 2010

Kürkçüoğlu G. S., Bazı geçiş metallerinin karışık ligantlı (1-metilimidazol ve 2-metilimidazol) tetraşyanopaladat(II) komplekslerinin sentezi, spektroskopik, termik ve yapısal özelliklerinin araştırılması, Postgraduate, İ.ÇAYLI(Student), 2010

Kürkçüoğlu G. S., Bazı Hofmann-Td-tipi konak-konuk bileşiklerinin infrared spektroskopisiyle incelenmesi, Postgraduate, K.CANOĞLU(Student), 2006

Kürkçüoğlu G. S., Konak-konut bileşiklerinin spektroskopik yöntemlerle incelenmesi, Postgraduate, A.ŞENTÜRK(Student), 2005

Kürkçüoğlu G. S., Hofmann-diam-tipi konak-konuk bileşiklerinin infrared spektroskopisiyle incelenmesi, Postgraduate, A.KANAT(Student), 2005

Kürkçüoğlu G. S., Gaussian programı ile 4-metilpiridin molekülünün infrared frekans ve şiddetlerinin hesaplanması, Postgraduate, İ.GÜRAY(Student), 2004

Kürkçüoğlu G. S., Hofmann-en-tipi klatratların kırmızı altı spektroskopik bölgesinde incelenmesi; M(1,2-diaminoethane)mNi(CN)₄.nG; (M=Cd veya Ni;m=1 veya 2 G=aromatik konuk moleküller), Postgraduate, S.PAT(Student), 2001

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis, crystal structure and spectroscopic investigations of heteronuclear Co(III)/Cu(II), Co(III)/Cd(II) and Fe(III)/Cd(II) 3D coordination polymers with 4-(2-aminoethyl)pyridine**
Kürkçüoğlu G. S., Yeşilel O. Z., Kekeç S., Şahin O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1274, no.1, pp.1-31, 2023 (SCI-Expanded)
- II. **Synthesis, spectroscopic, structural characterizations, and catalytic properties of cyanide-bridged heteronuclear metal organic frameworks with imidazole**
Mwanza T., KÜRKÇÜOĞLU G. S., Ünver H., Şahin O., YEŞİLEL O. Z.
JOURNAL OF SOLID STATE CHEMISTRY, vol.314, 2022 (SCI-Expanded)
- III. **Nine new tetracyanometallate(II) complexes with 2-(2-aminoethyl)pyridine: synthesis, crystal structures and spectroscopic studies**
Kürkçüoğlu G. S., Yeşilel O. Z., Sayın E., Şahin O.
Journal of Coordination Chemistry, vol.75, no.9-10, pp.1352-1373, 2022 (SCI-Expanded)
- IV. **Unprecedented deca-, penta- and poly-heteronuclear complexes with hexacyanometallates and 2-(hydroxymethyl)pyridine**
Sayın E., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., Şahin O.
POLYHEDRON, vol.210, 2021 (SCI-Expanded)
- V. **Coexistence of spin canting and metamagnetism in a one-dimensional mn(Ii) compound bridged by**

alternating double end-to-end and double end-on azido ligands and the analog co(ii) compound

Benamara N., Setifi Z., Yang C., Bernès S., Geiger D. K., Kürkçüoğlu G. S., Setifi F., Reedijk J.
Magnetochemistry, vol.7, no.4, 2021 (SCI-Expanded)

- VI. **One-dimensional heteronuclear complexes with cyanide and 2-ethylimidazole ligands**
Kürkçüoğlu G. S., Sayin E., Yavuz T., Şahin O.
SPECTROSCOPY LETTERS, vol.54, no.1, pp.1-13, 2021 (SCI-Expanded)
- VII. **Two-Dimensional Heteronuclear Coordination Polymers Constructed by Cyanide and 3-(2-Aminoethyl)pyridine Ligands**
Kürkçüoğlu G. S., Yeşilel O. Z., Sayin E., Şahin O.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.31, no.1, pp.112-120, 2021 (SCI-Expanded)
- VIII. **Synthesis and structural analysis of heteronuclear hexacyanochromate(III) complex with tris(2-aminoethyl)amine, [Cd(tren)(Htren)][Cr(CN)(6)]center dot 2H(2)O**
KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., Sayin E., Enonlu E., ŞAHİN O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1219, 2020 (SCI-Expanded)
- IX. **Experimental and theoretical studies on the molecular structures and vibrational spectra of cyanide complexes with 1,2-dimethylimidazole: [M(dmi)(2)Ni(mu-CN)(4)] (M = Cu, Zn or Cd)**
KÜRKÇÜOĞLU G. S., Kavlak I., Kinik B., ŞAHİN O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1199, 2020 (SCI-Expanded)
- X. **Synthesis, structure and luminescence properties of zinc and cadmium linear-chain compounds with anionic monoalkoxy-tetracyanopropenes bridged by 4,4'-bipyridines**
Addala A., Poupon M., Bernes S., KÜRKÇÜOĞLU G. S., Liu X., Lehchili F., Kucerakova M., Dusek M., Setifi F., Setifi Z., et al.
POLYHEDRON, vol.170, pp.271-277, 2019 (SCI-Expanded)
- XI. **Investigation of structural analysis and thermostatic properties of thermal and UV stabilizer as organometallic Sn(II), Cu(II) and Cd(II) barbiturate complexes**
Kavlak I., KÜRKÇÜOĞLU G. S., ŞAHİN O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1184, pp.418-426, 2019 (SCI-Expanded)
- XII. **Syntheses, crystal structures, spectroscopic properties and thermal decompositions of one dimensional coordination polymers with 4-(2-aminoethyl)pyridine and cyanide ligands: [M(mu-4aepy)(2)(H2O)(2)][M'(CN)(4)] (M = Cu or Zn, M' = Ni or Pd)**
Karaagac D., KÜRKÇÜOĞLU G. S., Senyel M., HÖKELEK T.
JOURNAL OF MOLECULAR STRUCTURE, vol.1176, pp.641-649, 2019 (SCI-Expanded)
- XIII. **Synthesis, spectroscopic, thermal and structural properties of 4-(2-aminoethyl)pyridinium tetracyanometallate(II) complexes**
Karaagac D., KÜRKÇÜOĞLU G. S., ŞENYEL M., ŞAHİN O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1136, pp.281-287, 2017 (SCI-Expanded)
- XIV. **Syntheses, structural characterization and spectroscopic studies of cadmium(II)-metal(II) cyanide complexes with 4-(2-aminoethyl)pyridine**
Karaagac D., KÜRKÇÜOĞLU G. S., ŞENYEL M., HÖKELEK T.
JOURNAL OF MOLECULAR STRUCTURE, vol.1130, pp.80-88, 2017 (SCI-Expanded)
- XV. **One-dimensional coordination polymers with 4-(2-aminoethyl) pyridine: Synthesis, crystal structures and spectroscopic properties**
Karaagac D., KÜRKÇÜOĞLU G. S., ŞENYEL M., ŞAHİN O., HÖKELEK T.
POLYHEDRON, vol.123, pp.56-61, 2017 (SCI-Expanded)
- XVI. **One dimensional coordination polymers: Synthesis, crystal structures and spectroscopic properties**
Karaagac D., KÜRKÇÜOĞLU G. S., ŞENYEL M., ŞAHİN O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1123, pp.327-334, 2016 (SCI-Expanded)
- XVII. **Synthesis, crystal structure and magnetic property of one-dimensional heterometallic cyanide-bridged complex: {[Cu(hmpH)(2)Cu(hmp)(hmpH)Co(mu,-CN)(4)(CN)(2)].2H(2)O}(n)**
Sayin E., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., TAŞ M., ÖZTÜRK M., YERLİ Y.

- POLYHEDRON, vol.115, pp.67-75, 2016 (SCI-Expanded)
- XVIII. **Syntheses, spectroscopic and thermal analyses of cyanide bridged heteronuclear polymeric complexes: $[M(L)(2)Ni(CN)(4)](n)$ (L=N-methylethylenediamine or N-ethylethylenediamine, M=Ni(II), Cu(II), Zn(II) or Cd(II))**
Karaagac D., KÜRKÇÜOĞLU G. S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1105, pp.263-272, 2016 (SCI-Expanded)
- XIX. **SYNTHESES AND CHARACTERIZATIONS OF THE CYANIDE-BRIDGED HETERONUCLEAR POLYMERIC COMPLEXES WITH 2-ETHYLIMIDAZOLE**
Karaagac D., KÜRKÇÜOĞLU G. S.
BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA, vol.30, no.2, pp.263-272, 2016 (SCI-Expanded)
- XX. **Cyanide-bridged manganese(II) and chloride-bridged copper(II) complexes with 2-pyridineethanol: synthesis, structural characterization and C-H center dot center dot center dot M interactions**
Sayin E., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., TAŞ M.
JOURNAL OF COORDINATION CHEMISTRY, vol.69, no.7, pp.1226-1235, 2016 (SCI-Expanded)
- XXI. **1D cyanide complexes with 2-pyridinemethanol: Synthesis, crystal structures and spectroscopic properties**
Sayin E., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., HÖKELEK T.
JOURNAL OF MOLECULAR STRUCTURE, vol.1101, pp.73-81, 2015 (SCI-Expanded)
- XXII. **Cyanide bridged hetero-metallic polymeric complexes: Syntheses, vibrational spectra, thermal analyses and crystal structures of complexes $[M(1,2-dmi)(2)Ni(\mu-CN)(4)](n)$ (M = Zn(II) and Cd(II))**
KÜRKÇÜOĞLU G. S., Sayin E., ŞAHİN O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1101, pp.82-90, 2015 (SCI-Expanded)
- XXIII. **Vibrational spectra, powder X-ray diffractions and physical properties of cyanide complexes with 1-ethylimidazole**
KÜRKÇÜOĞLU G. S., Kiraz F. C., Sayin E.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.149, pp.8-16, 2015 (SCI-Expanded)
- XXIV. **Novel Cyanide-Bridged Heterometallic Two-Dimensional Complex of 3-Methylpyridazine: Synthesis, Crystallographical, Vibrational, Thermal and DFT Studies**
Gor K., Tursun M., Kesan G., KÜRKÇÜOĞLU G. S., Rhyman L., PARLAK C., Ramasami P., YEŞİLEL O. Z., BÜYÜKGÜNGÖR O.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.25, no.5, pp.1205-1217, 2015 (SCI-Expanded)
- XXV. **Syntheses, crystal structures and spectroscopic properties of copper(II)-tetracyanomethylate(II) complexes with nicotinamide and isonicotinamide ligands**
Sayin E., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., HÖKELEK T.
JOURNAL OF MOLECULAR STRUCTURE, vol.1096, pp.84-93, 2015 (SCI-Expanded)
- XXVI. **Synthesis, crystal structure and spectroscopic properties of one-dimensional zinc(II)-cyanide complex with 1-methylimidazole, $[Zn(\mu-CN)(CN)(1-meim)](n)$**
Sayin E., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., HÖKELEK T.
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-CRYSTALLINE MATERIALS, vol.230, no.6, pp.421-426, 2015 (SCI-Expanded)
- XXVII. **Dinuclear zinc(II) complex with tris(2-aminoethyl) amine ligand: synthesis, structure and properties**
KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., ŞAHİN O., Sayin E., BÜYÜKGÜNGÖR O.
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-CRYSTALLINE MATERIALS, vol.230, no.6, pp.407-412, 2015 (SCI-Expanded)
- XXVIII. **One-dimensional cyanide- and fumarate-bridged heteronuclear complex, poly[μ -fumaratotetraaminedizinc(II)di- μ -cyanodicyanonickel(II) dihydrate]**
Sayin E., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., HÖKELEK T.
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-CRYSTALLINE MATERIALS, vol.230, no.3, pp.193-198, 2015 (SCI-

Expanded)

- XXIX. **SYNTHESES, SPECTROSCOPIC AND THERMAL ANALYSES OF THE HOFMANN-TYPE METAL(II) TETRACYANONICKELATE(II) PYRIDAZINE COMPLEXES: $[M(pdz)Ni(CN)_4] \cdot nH_2O$ (M = Zn(II) or Cd(II))**
Karaagac D., KÜRKÇÜOĞLU G. S.
BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA, vol.29, no.3, pp.415-422, 2015 (SCI-Expanded)
- XXX. **Hetero-octanuclear cubane-like and one-dimensional cyano complexes with the N,N-dimethylethylenediamine ligand**
KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., AKSEL M., BÜYÜKGÜNGÖR O.
POLYHEDRON, vol.85, pp.720-726, 2015 (SCI-Expanded)
- XXXI. **Syntheses and characterizations of tetracyanoplatinate(II) complexes with 2-pyridineethanol**
Sayin E., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., HÖKELEK T.
JOURNAL OF COORDINATION CHEMISTRY, vol.68, no.13, pp.2271-2285, 2015 (SCI-Expanded)
- XXXII. **C-H center dot center dot center dot Pd interactions: One dimensional heteropolynuclear complexes**
Sayin E., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., HÖKELEK T.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.132, pp.803-814, 2014 (SCI-Expanded)
- XXXIII. **Two dimensional heteronuclear complexes with cyanide and 4-aminomethylpyridine ligands**
Karaagac D., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., MuratTas M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1074, pp.339-348, 2014 (SCI-Expanded)
- XXXIV. **One- and two-dimensional heteropolynuclear complexes with tetracyanonickelate(II) and 2-pyridinemethanol**
Sayin E., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., HÖKELEK T., BÜYÜKGÜNGÖR O.
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-CRYSTALLINE MATERIALS, vol.229, no.8, pp.563-572, 2014 (SCI-Expanded)
- XXXV. **New cyano bridged heteropolynuclear Cu(II) and Cd(II)- tetracyanopalladate(II) polymeric complexes with 2-methylimidazole ligand**
Kurkcuoğlu G. S., Gor K., BÜYÜKGÜNGÖR O.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.124, pp.588-594, 2014 (SCI-Expanded)
- XXXVI. **Syntheses, crystal structures and spectroscopic properties of cyano-bridged two-dimensional coordination polymers with 3-methylpyridazine**
Gor K., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., BÜYÜKGÜNGÖR O.
INORGANICA CHIMICA ACTA, vol.414, pp.15-20, 2014 (SCI-Expanded)
- XXXVII. **Two dimensional cyano-bridged hetero-metallic coordination polymers containing metal...pi interactions**
Karaagac D., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., HÖKELEK T.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.121, pp.196-204, 2014 (SCI-Expanded)
- XXXVIII. **C-H center dot center dot center dot Ni interactions and cyano-bridged heteronuclear polymeric complexes studied by vibrational spectroscopy and quantum chemistry calculations**
KÜRKÇÜOĞLU G. S., Sayin E., Gor K., Arslan T., BÜYÜKGÜNGÖR O.
VIBRATIONAL SPECTROSCOPY, vol.71, pp.105-114, 2014 (SCI-Expanded)
- XXXIX. **One-dimensional bimetallic cyano complexes with nicotinamide and isonicotinamide ligands**
Gor K., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., BÜYÜKGÜNGÖR O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1060, pp.166-175, 2014 (SCI-Expanded)
- XL. **One-dimensional heteropolynuclear tetracyanopalladate(II) complexes: Syntheses, crystal structures, thermal analyses and spectroscopic investigations**
Aksel M., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., BÜYÜKGÜNGÖR O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1059, pp.101-107, 2014 (SCI-Expanded)
- XLI. **Syntheses, thermal analyses, crystal structures, FT-IR and Raman spectra of 2D $[Zn(NH_3)_2](mu-$**

ampy)M'(μ-CN)(2)(CN)(2)](n) (M' = Ni(II), Pd(II) or Pt(II)) complexes

Karaagac D., KÜRKCÜOĞLU G. S., YEŞİLEL O. Z., TAŞ M.

POLYHEDRON, vol.62, pp.286-292, 2013 (SCI-Expanded)

- XLII. **Syntheses, crystal structures and spectral properties of 1D tetracyanonickelate(II) complexes with 1-ethylimidazole**
Cetinkaya F., KÜRKCÜOĞLU G. S., YEŞİLEL O. Z., HÖKELEK T., SÜZEN Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.1048, pp.252-260, 2013 (SCI-Expanded)
- XLIII. **Syntheses, crystal structures, spectroscopic and thermal analyses of 3-and 4-aminomethylpyridinium tetracyanometallate(II) complexes**
Karaagac D., KÜRKCÜOĞLU G. S., YEŞİLEL O. Z., HÖKELEK T., SÜZEN Y.
INORGANICA CHIMICA ACTA, vol.406, pp.73-80, 2013 (SCI-Expanded)
- XLIV. **Two dimensional heteropolynuclear Zn(II) and Cd(II)-tetracyanopalladate(II) complexes with the 1-ethylimidazole ligand exhibiting C-H center dot center dot center dot Pd interactions**
Cetinkaya F., KÜRKCÜOĞLU G. S., YEŞİLEL O. Z., BÜYÜKGÜNGÖR O.
POLYHEDRON, vol.55, pp.10-17, 2013 (SCI-Expanded)
- XLV. **Two dimensional cyano-bridged heteropolynuclear complex containing Pd center dot center dot center dot pi interactions**
Karaagac D., KÜRKCÜOĞLU G. S., HÖKELEK T., YEŞİLEL O. Z., SÜZEN Y.
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-CRYSTALLINE MATERIALS, vol.228, no.2, pp.100-105, 2013 (SCI-Expanded)
- XLVI. **One-dimensional cyano-bridged heterometallic (Cu/Ni and Cu/Pd) complexes with 1-ethylimidazole**
Cetinkaya F., KÜRKCÜOĞLU G. S., YEŞİLEL O. Z., HÖKELEK T., DAL H.
POLYHEDRON, vol.47, no.1, pp.126-133, 2012 (SCI-Expanded)
- XLVII. **A theoretical study on the molecular structure and vibrational (FT-IR and Raman) spectra of cyano-bridged heteronuclear polymeric complex of triethylenetetramine**
Kurkcudoglu G. S., Cetinkaya F., Arslan T.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.94, pp.110-118, 2012 (SCI-Expanded)
- XLVIII. **Synthesis, Spectroscopic and Structural Properties of Heteropolynuclear Cyano-Bridged Complexes**
KÜRKCÜOĞLU G. S., Karaagac D., YEŞİLEL O. Z., TAŞ M.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.22, no.2, pp.324-331, 2012 (SCI-Expanded)
- XLIX. **Synthesis and crystal structure of cyano-bridged three dimensional polyheteronuclear complex**
Karaagac D., KÜRKCÜOĞLU G. S., YEŞİLEL O. Z., HÖKELEK T., DAL H.
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-CRYSTALLINE MATERIALS, vol.227, no.9, pp.639-645, 2012 (SCI-Expanded)
- L. **C-H center dot center dot center dot Pd interactions and cyano-bridged heteronuclear polymeric complexes**
Cayli I., KÜRKCÜOĞLU G. S., YEŞİLEL O. Z., Sahin O., BÜYÜKGÜNGÖR O.
POLYHEDRON, vol.31, no.1, pp.386-394, 2012 (SCI-Expanded)
- LI. **Cyano-Bridged Heteropolynuclear Ni(II), Cu(II) and Cd(II) Complexes, [M(detn)(2)Ni(μ-CN)(2)(CN)(2)](n)**
KÜRKCÜOĞLU G. S., HÖKELEK T., Aksel M., YEŞİLEL O. Z., DAL H.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.21, no.3, pp.602-610, 2011 (SCI-Expanded)
- LII. **One- and Two-Dimensional Cadmium(II) Tetracyanonickelate(II) Coordination Polymers With Imidazole and 2-Methylimidazole Ligands**
KÜRKCÜOĞLU G. S., YEŞİLEL O. Z., Cayli I., BÜYÜKGÜNGÖR O.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.21, no.2, pp.306-315, 2011 (SCI-Expanded)
- LIII. **A novel cyano-bridged heteronuclear complex exhibiting C-H center dot center dot center dot Ni close interaction: [Cd(C4H7N)(2)Ni(μ-CN)(4)]n**

KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., Cayli I., BÜYÜKGÜNGÖR O.

JOURNAL OF MOLECULAR STRUCTURE, vol.994, pp.39-43, 2011 (SCI-Expanded)

- LIV. **Vibrational spectroscopic studies of some dimethylpyrazine cadmium (II) tetracyanonickelate benzene clathrates: $[Cd(C_6H_8N_2)Ni(CN)_4] \cdot C_6H_6$**
Kurkcuoglu G. S.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.67, pp.191-200, 2010 (SCI-Expanded)
- LV. **Infrared and raman spectroscopic studies of 2-methylpyrazine metal (ii) tetracyanonickelate benzene clathrates: $[M(H_2O)(2\ mpz)Ni(CN)_4] \cdot C_6H_6$ (M=Mn or Cd)**
Kurkcuoglu G. S., Kavlak I., Cayli I.
Spectroscopy Letters, vol.43, no.1, pp.5-15, 2010 (SCI-Expanded)
- LVI. **Hetero-metallic coordination polymers: Syntheses, vibrational spectra, thermal analyses and crystal structures of trans- $[M(N-Meim)_2Ni(\mu-CN)_4]_n$ (M=Cu(II), Zn(II) and Cd(II))**
Kuerkcuoglu G. S., YEŞİLEL O. Z., Kavlak I., BÜYÜKGÜNGÖR O.
Journal of Inorganic and Organometallic Polymers and Materials, vol.19, no.4, pp.539-548, 2009 (SCI-Expanded)
- LVII. **A theoretical and experimental investigation of vibrational spectra and electronic transitions on 3-methyldiphenylamine molecule as organic semiconductor**
Aksel M., Kavlak I., KÜRKÇÜOĞLU G. S.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.34, no.12, pp.5234-5241, 2009 (SCI-Expanded)
- LVIII. **Synthesis, characterization and crystal structure of a novel three-dimensional supramolecular framework containing Ni $\cdots\pi$ interaction heteronuclear complex: $\{[Cu(4(5)-Meim)_4][Ni(CN)_4] \cdot H_2O\}_n$**
Kuerkcueoglu G. S., YEŞİLEL O. Z., Kavlak I., KURTARAN S., BÜYÜKGÜNGÖR O.
Journal of Inorganic and Organometallic Polymers and Materials, vol.19, no.3, pp.314-321, 2009 (SCI-Expanded)
- LIX. **Nickel(II) $\cdots\pi$ interaction in $[M(ampy)_2Ni(\mu-CN)_2(CN)_2]_n$ (M = Zn(II) and Cd(II), ampy = 2-aminomethylpyridine): Syntheses, vibrational spectroscopy, thermal analyses and crystal structures of cyano-bridged heteronuclear polymeric complexes**
Kuerkcueoglu G. S., YEŞİLEL O. Z., Kavlak I., BÜYÜKGÜNGÖR O.
Journal of Molecular Structure, vol.920, pp.220-226, 2009 (SCI-Expanded)
- LX. **Synthesis, IR spectrum, thermal analysis, and crystal structure of the cyano-bridged heteronuclear polymeric complex: $[Zn(teta)Ni(\mu-CN)_2(CN)_2]_n$**
Kuerkcueoglu G. S., YEŞİLEL O. Z., Kavlak I., Bueyuekguengoer O.
Zeitschrift fur Anorganische und Allgemeine Chemie, vol.635, no.1, pp.175-178, 2009 (SCI-Expanded)
- LXI. **Synthesis, crystal structure, vibrational spectra and thermal property of the cyano-bridged heteronuclear polymeric complex $[Cd(pea)_2Ni(\mu-CN)_4]_n$**
KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., Cayli I., BÜYÜKGÜNGÖR O.
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE, vol.224, no.10, pp.493-498, 2009 (SCI-Expanded)
- LXII. **Theoretical studies on the molecular structure and vibrational spectra of some dimethyl substituted pyridine derivatives**
KÜRKÇÜOĞLU G. S., Kavlak I., Arslan T., Ogretir C.
JOURNAL OF MOLECULAR MODELING, vol.15, no.1, pp.79-90, 2009 (SCI-Expanded)
- LXIII. **Syntheses, spectral and thermal analyses of heteronuclear aqua(2-methylpyrazine)metal(II) complexes with tetracyanonickelate ion and crystal structure of supramolecular $[Cd(H_2O)(2mpz)Ni(\mu-CN)_4]_n$ complex**
KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., Kavlak I., Buyukgungor O.
STRUCTURAL CHEMISTRY, vol.19, no.6, pp.879-888, 2008 (SCI-Expanded)
- LXIV. **Synthesis, IR spectrum, thermal property and crystal structure of cyano-bridged heteronuclear polymeric complex, $[Cd(teta)Ni(\mu-CN)_2(CN)_2] \cdot 2H_2O$**
KÜRKÇÜOĞLU G. S., HÖKELEK T., YEŞİLEL O. Z., AKSAY S.
STRUCTURAL CHEMISTRY, vol.19, no.3, pp.493-499, 2008 (SCI-Expanded)
- LXV. **Infrared Spectroscopic and Gravimetric Studies on the Dicyclohexylaminocadmium(II) Tetracyanopalladate(II) Host-Aromatic Guest Systems**

Kurkcuglu G. S., Kantarci Z., Coskun R., Senyel M.

Journal of Inclusion Phenomena, vol.45, pp.129-137, 2003 (SCI-Expanded)

- LXVI. **Infrared Spectroscopic Study of N N Dimethylthioformamide Complexes of the Hofmann Type**
ŞENYEL M., KÜRKÇÜOĞLU G. S.

Journal Of Applied Spectroscopy, vol.68, no.5, pp.862-866, 2001 (SCI-Expanded)

- LXVII. **An infrared spectroscopic study on the Hofmann-diam-type 1,12-diaminododecanemetal(II) tetracyanonickelate(II)-aromatic guest clathrates: $M(H_2N(CH_2)_{12}NH_2)Ni(CN)_4 \cdot G$ (M=Co, Ni or Cd; G = benzene, naphthalene, anthracene, phenanthrene or biphenyl)**

Şenyel M., Sertbakan T. R., Kürkcüoğlu G. S., KASAP E., Kantarci Z.

Journal of Inclusion Phenomena, vol.39, pp.175-180, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **SYNTHESES STRUCTURES AND PHYSICAL PROPERTIES OF CYANIDE BRIDGED M II Ni II BIMETALLIC COMPLEXES WITH 2 PYRIDINEETHANOL M II Fe Co and Ni**

Sayın E., KÜRKÇÜOĞLU G. S.

Anadolu University Journal of Science and Technology-A Applied Sciences and Engineering, vol.17, no.1, pp.37-49, 2015 (Peer-Reviewed Journal)

- II. **Vibrational Frequencies and Structural Determination of Triethanolamine and Diethanolamine by Density Functional Theory Calculations**

KURTARAN S., Kavlak İ., KÜRKÇÜOĞLU G. S.

International Workshop on Trends in Science and Technology, pp.1-5, 2008 (Peer-Reviewed Journal)

- III. **Theoretical and Experimental Vibrational Spectroscopic Studies on Aniline and 2 Methylaniline**

KÜRKÇÜOĞLU G. S., Kavlak İ., AKSAY S.

Balkan Physics Letters, vol.1, no.1, pp.154-158, 2008 (Peer-Reviewed Journal)

- IV. **1 6 Diaminohekzan Matal II Tetrasiyanonikel Konak Konuk Bileşiklerinin FTIR Spektroskopisiyle İncelenmesi**

KÜRKÇÜOĞLU G. S., KANAT A.

ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY –A Applied Sciences and Engineering, vol.8, no.2, pp.395-402, 2007 (Peer-Reviewed Journal)

- V. **Hofmann dahxn Tipi Klatratlar $M H_2N CH_2 6NH_2 Ni CN 4 nG M Ni Co$ veya $Cd G$ Antrasen Fenantren veya Trans Stilbene için FTIR Spektroskopik Çalışmaları**

ŞENYEL M., KÜRKÇÜOĞLU G. S.

ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY –A Applied Sciences and Engineering, vol.2, no.1, pp.197-202, 2001 (Peer-Reviewed Journal)

- VI. **Infrared Spectroscopic Studies on the Hofmann Td Type Complexes $Co DMF 2Cd CN 4$ and $Co DEF 2Cd CN 4$**

KARTAL Z., ŞENYEL M., KÜRKÇÜOĞLU G. S.

Journal of Faculty of Science Ege University, vol.19, no.2, pp.101-107, 1996 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Syntheses and Structural Analyses of Heteronuclear Hexacyanometalate(III) Complexes with 4-(2-Aminoethyl)Pyridine**

Kekeç S., Kürkcüoğlu G. S.

IV. INTERNATIONAL CONFERENCE ON NATURAL SCIENCES AND TECHNOLOGIES (ICONAT-2022), Antalya, Turkey, 24 - 26 August 2022

- II. **The Effects Of The Metallic Synergy in The Barbiturate And Borat Complexes On Thermal Degradation Of PVC**

Kavlak İ., Kekeç S., KÜRKCÜOĞLU G. S.

4th International Turkish Congress on Molecular Spectroscopy (TURCMOS2019), Aydın, Turkey, 5 - 09 August 2019, pp.83

- III. **The Investigation Of Thermal Stabilization Properties Of The M(II) Barbiturate Complexes In The PVC Mold**
Kavlak İ., Kekeç S., KÜRKCÜOĞLU G. S.
4th International Turkish Congress on Molecular Spectroscopy (TURCMOS2019), Aydın, Turkey, 5 - 09 August 2019
- IV. **Structural Characterizations of Cyanide and Fumarate Bridged Cu(II) and Cd(II) Complexes**
KÜRKCÜOĞLU G. S., sayın E., YEŞİLEL O. Z., ŞAHİN O.
XXXIV EUROPEAN CONGRESS ON MOLECULAR SPECTROSCOPY - EUCMOS 2018, Coimbra, Portugal, 19 - 24 August 2018
- V. **One Dimensional Cyanide Complexes with 4-(2-aminoethyl)pyridine**
KÜRKCÜOĞLU G. S., Karaağaç D., HÖKELEK T.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), Coimbra, Portugal, 19 - 24 August 2018
- VI. **A Theoretical and Experimental Investigation of Vibrational Spectra and Electronic Transitions on 2-pyridineethanol and 2-Pyridinemethanol**
BAĞLAYAN Ö., Kavlak İ., ŞENYEL M., KÜRKCÜOĞLU G. S.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), Coimbra, Portugal, 19 - 24 August 2018
- VII. **Density Functional Theory Calculations on Molecular Structure and Vibrational Properties of Stearic Acid as Plastic Additives**
Kavlak İ., KÜRKCÜOĞLU G. S.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), Coimbra, Portugal, 19 - 24 August 2018
- VIII. **Density Functional Theory Approaching on Structural Analysis of New Tetramer Barbiturate Molecule**
Kavlak İ., KÜRKCÜOĞLU G. S.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), Coimbra, Portugal, 19 - 24 August 2018
- IX. **Synthesis, spectral and thermal properties of 4-(2-aminoethyl)pyridinium tetracyanometallate(II) complexes**
KÜRKCÜOĞLU G. S., Karaağaç D.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), 19 August 2019 - 24 August 2018
- X. **Synthesis, Structural Characterization and C-H...Pd Interactions of the Metal Cyanide Complex: [Cd(mim)2Pd(μ-CN)4]n**
KÜRKCÜOĞLU G. S., Sayın E., ŞAHİN O.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), 19 - 24 August 2018
- XI. **A Theoretical Study on Molecular Structure and Vibrational Spectra of Cyanide Complexes with 1,2-Dimethylimidazole: [M(dmi)2Ni(μ-CN)4]n (M = Cu, Zn or Cd)**
KINIK B., Kavlak İ., KÜRKCÜOĞLU G. S.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), Coimbra, Portugal, 19 - 24 August 2018
- XII. **Investigation of Structural Analysis and Thermostatic Properties of Thermal and UV Stabilizer as organometallic Sn(II), Cu(II) and Cd(II) Barbiturate Complexes**
Kavlak İ., KÜRKCÜOĞLU G. S.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), 19 - 24 August 2018
- XIII. **Structural and Thermostatic Analysis of Organometallic Barbiturate and Tetraborat Complexes as New Generation Plastic Additives**
Kavlak İ., KÜRKCÜOĞLU G. S.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), 19 - 24 August 2018
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Kınık B., Kavlak İ., KÜRKCÜOĞLU G. S.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), 19 - 24 August 2018

- XV. **Structural and Thermostatic Analysis of Imidazole-Based Cu(II) Complex as New Generation Plastic Additive**
KÜRKÇÜOĞLU G. S., Kavlak İ.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), Coimbra, Portugal, 19 - 24 August 2018
- XVI. **Spectral, Structural and Thermal Properties of Some Cyanide Complexes Containing Tetracyanonickelate(II) and 2-Aminoethylpyridine**
KÜRKÇÜOĞLU G. S., Sayın E.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), 19 - 24 August 2018
- XVII. **Synthesis, Crystal structure and Spectroscopic Properties of Cyanide Complex with 2-Ethylimidazole: [Cu(etim)2Ni(η-CN)4]n**
KÜRKÇÜOĞLU G. S., Yavuz T., ŞAHİN O.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), Coimbra, Portugal, 19 - 24 August 2018
- XVIII. **A theoretical and experimental investigation of vibrational spectra and electronic transitions on some aminoethylpyridine molecules**
BAĞLAYAN Ö., Kavlak İ., ŞENYEL M., KÜRKÇÜOĞLU G. S.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), Coimbra, Portugal, 19 - 24 August 2018
- XIX. **Synthesis, Spectral, Thermal and Crystal Structure of Cyanide Bridged Hetero-Metallic Polymeric Complex: Cu(dmi)2Ni(η-CN)4]n**
KÜRKÇÜOĞLU G. S., ŞAHİN O.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), Coimbra, Portugal, 19 - 24 August 2018
- XX. **A Theoretical Study on the Molecular Structure and Vibrational Spectra of Homonuclear Cyanide Complex of [Ni(etim)4Ni(μ-CN)2(CN)2]n**
KÜRKÇÜOĞLU G. S., Kavlak İ.
34th European Congress on Molecular Spectroscopy (EUCMOS 2018), Coimbra, Portugal, 19 - 24 August 2018
- XXI. **Syntheses, spectral and thermal analyses of heteronuclear 4(5)-Methylimidazole complexes**
BAĞLAYAN Ö., KÜRKÇÜOĞLU G. S., ŞENYEL M.
The International Chemistry Biology Conference'18 (ChemBioCon18), Şarm El-Şeyh, Egypt, 11 - 14 July 2018
- XXII. **Dicyanobis(1,2-dimethylimidazole)zinc(II): Synthesis, Structure, Spectroscopic and Thermal Properties**
BAĞLAYAN Ö., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., ŞAHİN O.
The International Chemistry Biology Conference'18 (ChemBioCon18), Şarm El-Şeyh, Egypt, 11 - 14 July 2018
- XXIII. **Synthesis, spectroscopic and thermal properties of Hofmann-Td-type complexes**
BAĞLAYAN Ö., KÜRKÇÜOĞLU G. S.
International Eurasian Conference on Biological And Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 April - 27 July 2018
- XXIV. **Syntheses, spectral and thermal analyses of 2-(hydroxymethyl)pyridine metal(II) tetracyanoplatinate(II) complexes**
BAĞLAYAN Ö., KÜRKÇÜOĞLU G. S.
International Eurasian Conference on Biological And Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 April - 27 July 2018
- XXV. **Syntheses and Characterizations of The Heteronuclear Polymeric Complexes with 2-Pyridinemethanol**
KÜRKÇÜOĞLU G. S., BAĞLAYAN Ö.
International Eurasian Conference on Biological And Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 April - 27 July 2018
- XXVI. **Syntheses, Vibration Spectroscopic and Thermal Analyses of HeteropolynuclearCyanide Complexes: {[M(1,2dmi)2Pd(CN)4]·2H2O}n (M = Cu(II) or Zn(II))**
KÜRKÇÜOĞLU G. S., BAĞLAYAN Ö.
International Eurasian Conference on Biological And Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 April - 27 July 2018
- XXVII. **Computational Investigation of Cadmium(II)-Nickel(II) Imidazole Complex: [Cd(imidazole)4Ni(m-**

- CN)4]n
KÜRKÇÜOĞLU G. S., KAVLAK İ.
3rd International Turkish Congress on Molecular Spectroscopy (TURCMOS2017), Muğla, Turkey, 26 - 29 August 2017, pp.289-290
- XXVIII. **A copper-Paladium(II) Complex Containing N-Methylimidazole Ligand: An Agreement Between Theoretical And Experimental Studies: [Cu(N-Meim)2Pd(CN)4.H2O)n**
KÜRKÇÜOĞLU G. S., KAVLAK İ.
3rd International Turkish Congress on Molecular Spectroscopy (TURCMOS2017), Muğla, Turkey, 26 - 29 August 2017, pp.291-292
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KAVLAK İ., KÜRKÇÜOĞLU G. S.
3rd International Turkish Congress on Molecular Spectroscopy (TURCMOS2017), Muğla, Turkey, 26 - 29 August 2017, pp.333-334
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3rd International Turkish Congress on Molecular Spectroscopy (TURCMOS2017), Muğla, Turkey, 26 - 29 August 2017, pp.335-336
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KÜRKÇÜOĞLU G. S., KAVLAK İ.
The XXIX th IUAP Conference on Computational Physics (CCP2017), Paris, France, 9 - 13 July 2017, pp.233
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KAVLAK İ., KÜRKÇÜOĞLU G. S.
ADIM FİZİK GÜNLERİ VI, Balıkesir, Turkey, 19 - 21 July 2017, pp.25
- XXXVI. **İmidazolün Titreşim Spektroskopisi ile Teorik ve Deneysel İncelenmesi**
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ADIM FİZİK GÜNLERİ VI, Balıkesir, Turkey, 19 - 21 July 2017, pp.142
- XXXVII. **A Theoretical Study on The Molecular Structure, Vibrational (FT-IR and Raman) Spectra and Electronic Transition Energies of Cyanide-Bridged Heteronuclear Polymeric Complex of 1-Ethylimidazole: [Cu(etim)4Pd(m-CN)4]n**
KÜRKÇÜOĞLU G. S., KAVLAK İ.
The XXIXth IUAP Conference on Computational Physics (CCP2017), Paris, France, 9 - 13 July 2017, pp.241
- XXXVIII. **Molecular, Vibrational, Electronic Structure and Nonlinear Optical Properties of 1-Ethylimidazole**
KÜRKÇÜOĞLU G. S., KAVLAK İ.
The XXIXth IUAP Conference on Computational Physics (CCP2017), Paris, France, 9 - 13 July 2017, pp.238
- XXXIX. **Spectral Thermal Electrical And Magnetic Properties Of Cyanide Complexes Containing**

Tetracyanonickelate II and 2 Pyridinemethanol

KÜRKÇÜOĞLU G. S., SAYIN E.

2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016

- XL. **Theoretical and Experimental Studies of Molecular Structure and Electronic Transition Energies On PTCDA as Organic Semiconductor**
KÜRKÇÜOĞLU G. S., KAVLAK İ.
2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XLI. **The Investigation with Quantum Chemical Methods of Imidazole Molecule As Oled Material**
Tursun M., KAVLAK İ., KÜRKÇÜOĞLU G. S.
2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XLII. **Syntheses Characterizations And Molecular Modelling of Heteronuclear Complexes with 1 Ethylimidazole for Molecular Electronic Applications**
KÜRKÇÜOĞLU G. S., KAVLAK İ.
2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XLIII. **The Cyanide Bridged Heteronuclear Polymeric Complexes Syntheses Spectroscopic and Thermal Properties of Zn hmpH 2M CN 2 CN 2 n hmpH 2 pyridinemethanol M Pd II or Pt II**
KÜRKÇÜOĞLU G. S., SAYIN E.
II. International Turkish Congress on Molecular Spectroscopy, Antalya, Turkey, 13 - 18 September 2015
- XLIV. **Vibrational Spectra and Electronic Transition Energies from MP2 and DFT Calculations of 1 Ethylimidazole and 2 Ethylimidazole**
KAVLAK İ., KÜRKÇÜOĞLU G. S.
II. International Turkish Congress on Molecular Spectroscopy, Antalya, Turkey, 13 - 18 September 2015
- XLV. **A Theoretical Analysis Of Vibrational Spectra And Electronic Transitions On 4 2 Aminoethyl pyridine and Its Dimeric Forms**
KÜRKÇÜOĞLU G. S., KAVLAK İ., SAYIN E.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 27 August 2015
- XLVI. **Syntheses and Characterization of Copper II Tetracyanomometallate II Complexes with Isonicotinamide**
SAYIN E., KÜRKÇÜOĞLU G. S.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 27 August 2015
- XLVII. **Syntheses Spectroscopic Thermal And Structural Properties Of The Cyanide Bridged Heteronuclear Polymeric Complexes M Etim 2Ni CN 4 n Etim 2 Ethylimidazole M Cu II Zn II or Cd II**
DURSUN K., KÜRKÇÜOĞLU G. S., SAYIN E.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 27 August 2015
- XLVIII. **1 2 Dimetilimidazol Liganlı Metal Siyanür Komplekslerinin Sentezi Spektroskopik ve Termal Özelliklerinin Araştırılması**
ÜSTÜN R. K., KÜRKÇÜOĞLU G. S.
Adım Fizik Günleri IV, Kütahya, Turkey, 28 - 29 May 2015
- XLIX. **2 piridinethanol ile Siyanür Komplekslerin Sentezi Yapısı ve Fiziksel Özelliklerinin İncelenmesi**
SAYIN E., KÜRKÇÜOĞLU G. S.
Adım Fizik Günleri IV, Turkey, 28 - 29 May 2015
- L. **Siyanür Komplekslerinin Sentezi Spektroskopik ve Termal Özelliklerinin İncelenmesi 4aepH 2 M CN 4 M Ni II Pd II veya Pt II**
KARAAĞAÇ D., KÜRKÇÜOĞLU G. S.
Adım Fizik Günleri IV, Kütahya, Turkey, 28 - 29 May 2015
- LI. **Nikotinamid liganıyla Bakır II Tetrasiyanomometal II Komplekslerinin Sentezi spektroskopik ve Termal Özelliklerinin İncelenmesi**
KÜRKÇÜOĞLU G. S., SAYIN E.

Adım Fizik Günleri IV, Turkey, 28 - 29 May 2015

- LII. **3 Aminometilpiridin Molekülünün Titreşim Frekanslarının ve Geometrik Yapısının Teorik Olarak İncelenmesi**
KAVLAK İ., KÜRKÇÜOĞLU G. S.
Adım Fizik Günleri IV, Kütahya, Turkey, 28 - 29 May 2015
- LIII. **Bazı Pd II Komplekslerinin Yapıları ve Spektroskopik Özellikleri Üzerine Teorik Çalışmalar M etim 2Pd CN 4 n M Zn veya Cd**
KÜRKÇÜOĞLU G. S., KAVLAK İ.
V. Ulusal Anorganik Kimya Kongres, Turkey, 22 - 25 April 2015
- LIV. **Theoretical Studies On The Molecular Structure and Vibrational Spectra of 2 Pyridineethylamine**
KÜRKÇÜOĞLU G. S.
32th European Congress on Molecular Spektroskopy, Düsseldorf, Germany, 24 - 29 August 2014
- LV. **Organik Yarıiletken 2 4 Tert butilfenil 5 4 bifenil 1 3 4 okzadiazol Molekülünün Titreşim Frekans ve Elektronik Geçişlerinin Teorik ve Deneysel Olarak İncelenmesi**
KÜRKÇÜOĞLU G. S.
IV. Ulusal Güneş ve Hidrojen Enerjisi Kongresi UGHEK 2014, Turkey, 22 - 23 May 2014
- LVI. **N metilatilendiamin ve N etiletilendiamin ile bazı geçiş metal II tetrasiyanonikelat II komplekslerinin Titreşim spektroskopisiyle incelenmesi**
KÜRKÇÜOĞLU G. S., MAMMADOV M., ÇEVİK B., TALAY M.
Adım Fizik Günleri III, Turkey, 17 - 18 April 2014
- LVII. **Syntheses Ft IR And Raman Spectroscopic Studies And Thermal Analyses Of Cyano Bridged Palladium II Complexes With 3 Methylpyridazine**
GÖR K., KÜRKÇÜOĞLU G. S.
30th International Physics Congress, İstanbul, Turkey, 2 - 05 September 2013
- LVIII. **Syntheses FT IR And Raman Spectroscopic Studies And Thermal Analyses Of Tetracyanonickelate II Complexes With 2 2 Hydroxyethyl Pyridine M OHepy 2Ni CN 4 M Cu II Zn II or Cd II**
SAYIN E., KÜRKÇÜOĞLU G. S.
30th International Physics Congress, Turkey, 2 - 05 September 2013
- LIX. **Cyano Bridged Heteronuclear Polymeric Complex**
KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., BÜYÜKGÜNGÖR O.
3rd Turkish National Crystallographic Meeting TUCr2012, İzmir, Turkey, 7 - 09 June 2012
- LX. **One Dimensional Heteropolynuclear Tetracyanopalladate II Complexes**
AKSEL M., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., BÜYÜKGÜNGÖR O.
3rd Turkish National Crystallographic Meeting TUCr2012, Turkey, 7 - 09 June 2012
- LXI. **Synthesis Structures and Thermal Properties of Cyano Bridged Cu Ni and Cu Pd heterometallic complexes with 1 Ethylimidazole**
ÇETİNKAYA KİRAZ F., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., HÖKELEK T., DAL H.
3rd Turkish National Crystallographic Meeting TUCr2012, Turkey, 7 - 09 June 2012
- LXII. **Cyano Bridged Heteropolynuclear Zn II and Cd II Complexes M 3 mpdz 2NiCN 4 n**
GÖR K., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., BÜYÜKGÜNGÖR O.
3rd Turkish National Crystallographic Meeting TUCr2012, Turkey, 7 - 09 June 2012
- LXIII. **Vibrational FT IR and Raman spectral studies geometrical parameters and theoretical calculations of triethylenetetramine and its cyano bridged heteronuclear polymeric complex**
KÜRKÇÜOĞLU G. S., ÇETİNKAYA KİRAZ F., ARSLAN T., YEŞİLEL O. Z.
Swiss Society for Crystallography, 15 - 16 September 2011
- LXIV. **The synthesis vibrational spectroscopic and thermal properties of cyano bridged complexes ML2Ni CN 4 L 4 Etpy or 4 Mepy M Ni II or Zn II**
KÜRKÇÜOĞLU G. S., AKSEL M., ÇETİNKAYA KİRAZ F.
28th International Physics Congress, Turkey, 6 - 09 September 2011
- LXV. **A theoretical study on infrared spectra and molecular structure of complex Zn teta Ni CN 2 CN 2 n**
ÇETİNKAYA KİRAZ F., KÜRKÇÜOĞLU G. S., ARSLAN T., AKSEL M.

28th International Physics Congress, 6 - 09 September 2011

- LXVI. **Hofmann tipi Metal II Tetrasiyanonikelat Piridazin komplekslerinin sentezi titreşim spektroskopik ve termal özelliklerinin incelenmesi M pdz 2Ni CN 4 M Zn II ve Cd II pdz Piridazin**
KARAAĞAÇ D., KÜRKCÜOĞLU G. S.
XII. Ulusal Spektroskopi Kongresi, Turkey, 18 - 22 May 2011
- LXVII. **Cu aepy 2Ni CN 4 2H2O ve Cd aepy 3 NH3 Ni CN 4 H2O aepy 2 aminoetilpiridin formülüyle verilen Hofmann tipi tetrasiyanonikelat komplekslerinin sentezi FT IR Raman spektroskopisi ve termal analiz yöntemleriyle incelenmesi**
ÇETİNKAYA KİRAZ F., KÜRKCÜOĞLU G. S.
XII. Ulusal Spektroskopi Kongresi, Turkey, 18 - 22 May 2011
- LXVIII. **2 Metilimidazol Ni II ve Zn II metalleriyle tetrasiyanonipalladat komplekslerinin sentezi yapı ve özelliklerinin spektroskopik ve termik analiz yöntemleriyle incelenmesi**
KEKEÇ S., KÜRKCÜOĞLU G. S.
XII. Ulusal Spektroskopi Kongresi, Antalya, Turkey, 18 - 22 May 2011
- LXIX. **Bazı Hofmann tipi tetrasiyanonikelat komplekslerinin sentezlenerek yapı ve özelliklerinin titreşim spektroskopisiyle incelenmesi M 4 Etpy 2Ni CN 4 M Ni Cu Zn ve Cd ve 4 Etpy 4 Etilpiridin**
AKSEL M., KÜRKCÜOĞLU G. S.
XII. Ulusal Spektroskopi Kongresi, Turkey, 18 - 22 May 2011
- LXX. **M 4 MePy 2Ni CN 4 M Ni veya Zn ve M 4 MePy NH3 Ni CN 4 4 MePy 4 Metilpiridin M Cu veya Cd siyano köprülü komplekslerin sentezi spektroskopik ve termal özelliklerinin İncelenmesi**
ÇAYLI İ., KÜRKCÜOĞLU G. S.
XII. Ulusal Spektroskopi Kongresi, Turkey, 18 - 22 May 2011
- LXXI. **Hofmann tipi N N dietiletilendiamin ve N N dimetiletilendiamin tetrasiyanonipalladat komplekslerinin sentezi titreşim FT IR ve Raman Spektroskopik ve termal özelliklerinin İncelenmesi**
KÜRKCÜOĞLU G. S., AKSEL M., ÇAYLI İ.
XII. Ulusal Spektroskopi Kongresi, Turkey, 18 - 22 May 2011
- LXXII. **The FT IR Spectroscopic Investigation of Transition Metal II Di P Tolylamine Tetracyanonickelate Complexes**
KÜRKCÜOĞLU G. S., KAVLAK İ., KURTARAN S., ÇAYLI İ.
International Workshop on New Trends in Science and Technology, 3 - 04 November 2008
- LXXIII. **International Workshop on New Trends in Science and Technology**
KURTARAN S., KAVLAK İ., KÜRKCÜOĞLU G. S.
International Workshop on New Trends in Science and Technology, Turkey, 3 - 04 November 2008
- LXXIV. **Vibrational Frequencies and Structural Determination of Triethanolamine and Diethanolamine by Density Functional Theory Calculations**
KURTARAN S., KÜRKCÜOĞLU G. S., İlkan K.
International Workshop on New Trends in Science and Technology, 3 - 04 November 2008
- LXXV. **The FT IR Spectroscopic Investigation of Transition Metal II Di P Tolyamine Tetracyanonickelate Complex**
Kürkcüoğlu G. S., Kurtaran S., Kavlak İ., Çaylı İ.
International Workshop on New Trends in Science and Technology, Ankara, Turkey, 3 - 04 November 2008
- LXXVI. **FT IR and Raman Spectra of SnS Film Deposited by Chemical Bath Deposition Method**
AKSAY S., KÜRKCÜOĞLU G. S., AYBEK A. Ş., KUL M., TURAN E., ÖZER T., BERBER H., BERBER H., ZOR M.
XXIX. European Congress on Molecular Spectroscopy, 31 August - 05 September 2008
- LXXVII. **Raman and X ray diffraction spectra of CuInS2 films by the spray pyrolysis at different substrate temperatures**
ALTIOKKA B., AKSAY S., KÜRKCÜOĞLU G. S.
XXIX. European Congress on Molecular Spectroscopy, 31 August - 05 September 2008
- LXXVIII. **Theoretical and Experimental Investigation of Vibrational FT IR and Raman Spectra and Electronic Transitions of Di p tolylamine**
KAVLAK İ., KÜRKCÜOĞLU G. S., ARSLAN T.

- XXIX. European Congress on Molecular Spectroscopy, 31 August - 05 September 2008
- LXXXIX. **M Benzonitril 2Ni CN 4 Bileşiklerinin Infrared Spektroskopik Bölgesinde İncelenmesi M Ni Zn Cd and Hg**
KARTAL Z., KÜRKÇÜOĞLU G. S.
24th International Physics Congress, 27 - 31 August 2008
- LXXX. **Theoretical and Experimental Vibrational Spectroscopic Studies on Aniline and 2 Methylaniline**
KAVLAK İ., KÜRKÇÜOĞLU G. S.
24th International Physics Congress, 27 - 31 August 2008
- LXXXI. **Theoretical Investigations of Molecular Structure Electronic and Vibrational Spectra on 3 Pyrroline**
KÜRKÇÜOĞLU G. S., AKSEL M., KAVLAK İ.
9th International Balkan Workshop on Applied Physics, 14 - 17 July 2008
- LXXXII. **The Theoretical Studies of Vibrational and Electronic Spectra on Triphenylamine**
KÜRKÇÜOĞLU G. S., KAVLAK İ., AKSEL M.
9th International Balkan Workshop on Applied Physics, 14 - 17 July 2008
- LXXXIII. **Organik Yarıiletken Olan 3 Metildifenilamin Molekülünün Titreşim Frekans ve Elektronik Geçişlerinin Teorik ve Deneysel Olarak İncelenmesi**
AKSEL M., KAVLAK İ., KÜRKÇÜOĞLU G. S.
UGHEK'2008: II. Ulusal Güneş ve Hidrojen Enerjisi Kongresi, Turkey, 12 - 13 June 2008
- LXXXIV. **An Experimental and Theoretical Investigation of Vibrational Spectra and Electronic Transitions of Triphenylamine as Hole Transporting Materials in Organic Semiconductors**
KÜRKÇÜOĞLU G. S., KAVLAK İ., AKSAY S.
International Workshop on Advanced Materials and Devices for Photovoltaic Applications-NANOMAT2008, 24 - 25 April 2008
- LXXXV. **M 3 4 Lutidin 2Pd CN 4 Hofmann Tipi Konak Bileşiklerin Titreşim Spektroskopisiyle İncelenmesi**
KÜRKÇÜOĞLU G. S., KARTAL Z.
X. Ulusal Spektroskopi Kongresi, Turkey, 4 - 07 July 2007
- LXXXVI. **FT IR Spectroscopic Study of Adsorption of Ethylenediamine on Sepiolite and Bentonite**
KÜRKÇÜOĞLU G. S., ÜNALDI T.
XXVIII European Congress on Molecular Spectroscopy, İstanbul, Turkey, 3 - 08 October 2006, pp.167
- LXXXVII. **FT IR Spectroscopic Study of the Hofmann Td Type Aniline Clathrates**
KÜRKÇÜOĞLU G. S., AYTEKİN AYDIN M. T., ŞENYEL M., CANOĞLU K.
XXVIII European Congress on Molecular Spectroscopy, 3 - 05 September 2006
- LXXXVIII. **Hofmann Daon Tipi Klatratlar M 1 8 Diaminooktan Ni CN 4 nG M Co veya Cd G m ksilen veya o ksilen için FTIR Spektroskopik Çalışmaları**
KÜRKÇÜOĞLU G. S., KANAT A.
TFD 22. Ulusal Fizik Kongresi, Turkey, 14 - 17 September 2004
- LXXXIX. **Hofmann Daon Tipi Konak Konuk Bileşikleri M 1 8 Diaminooktan Ni CN 4 nG M Co Ni veya Cd G 1 3 Diklorobenzen için FTIR Spektroskopik Çalışmaları**
KÜRKÇÜOĞLU G. S., KANAT A.
TFD 21. Ulusal Fizik Kongresi, Turkey, 11 - 14 September 2002
- XC. **Infrared Spectroscopic Study of the Hofmann Diam Type Clathrates**
KÜRKÇÜOĞLU G. S., AYTEKİN AYDIN M. T., ŞENYEL M.
1st Hellenic-Turkish International Physics Conference, 10 - 15 September 2001
- XCI. **An Infrared Spectroscopic Study on the 1 9 danon Metal II Tetracyanonickelate II Aromatic Guest Clathrates**
AYTEKİN AYDIN M. T., KÜRKÇÜOĞLU G. S., ŞENYEL M.
1st Hellenic-Turkish International Physics Conference, 10 - 15 September 2001
- XCII. **An Infrared Study on Hofmann type Complexes of N N Dimethylthioformamide**
ŞENYEL M., KÜRKÇÜOĞLU G. S.
3rd General Conference of The Balkan Physical Union, 2 - 05 September 1997
- XCIII. **Hofmann Doda tipi Klatratların Kırmızı Altı Spektroskopik Bölgesinde İncelenmesi**

- KÜRKCÜOĞLU G. S., ŞENYEL M., PAT S.
TFD 19. Ulusal Fizik Kongresi, Turkey, 26 - 29 September 1996
- XCIV. **N N Dimetiltiyoforformamid tetrasiyanonikelat komplekslerinin IR Spektroskopik Bölgesinde İncelenmesi**
ŞENYEL M., KÜRKCÜOĞLU G. S., KARTAL Z.
TFD 16. Ulusal Fizik Kongresi, Turkey, 26 - 29 August 1996
- XCV. **Co DMA 2Cd CN 4 ve Co DEA 2Cd CN 4 kompleksleri Üzerinde Infrared Spektroskopisi Çalışmaları**
KARTAL Z., ŞENYEL M., KÜRKCÜOĞLU G. S.
TFD 16. Ulusal Fizik Kongresi, Turkey, 26 - 29 August 1996
- XCVI. **N N Dimetiltiyoforformamid Tetrasiyanonikelat II Benzen 1 2 Hofmann Tipi Klatratların IR Spektroskopik Bölgesinde İncelenmesi**
ŞENYEL M., KÜRKCÜOĞLU G. S.
I. Ulusal Atom ve Molekül Fiziği Sempozyumu, Turkey, 24 - 26 June 1996
- XCVII. **N N Dietilasetamid Tetrasiyanonikel Komplekslerinin IR Spektroskopik Bölgesinde İncelenmesi**
ŞENYEL M., HOŞTUT M., KÜRKCÜOĞLU G. S.
TFD 14. Ulusal Fizik Kongresi, Turkey, 7 - 09 September 1993
- XCVIII. **N N Dimetilaseamid Tetrasiyanonikel Komplekslerinin IR Spektroskopik Bölgesinde İncelenmesi**
KÜRKCÜOĞLU G. S., ŞENYEL M.
TFD 13. Ulusal Fizik Kongresi, Turkey, 30 September - 02 October 1992
- XCIX. **Zn DEA 2Cd CN 4 ve Cu DEA 2Cd CN 4 Hofmann Td Tipi Komplekslerin Infrared Spektroskopik Bölgesinde İncelenmesi**
KARTAL Z., ŞENYEL M., KÜRKCÜOĞLU G. S.
I. Ulusal Atom ve Molekül Fiziği Sempozyumu, Turkey, 24 - 26 June 1992

Supported Projects

- KÜRKCÜOĞLU G. S., KARAAĞAÇ D., ÜNVER H., KEKEÇ S., Project Supported by Higher Education Institutions, Heteronükleer Siyanür Komplekslerinin Sentezi Karakterizasyonu ve Alkol Oksidasyon Katalizörü Olarak İncelenmesi, 2022 - Continues
- Kürkçüoğlu G. S., Kekeç S., Project Supported by Higher Education Institutions, Bazı Geçiş Metalleri ve Hekzasiyanometalat Komplekslerinin Piridin Türevi Ligantlar ile Sentezi, Yapısal Özelliklerinin İncelenmesi ve Bazı Uygulamaları, 2020 - 2022
- Kürkçüoğlu G. S., Enönlü E., Project Supported by Higher Education Institutions, Magnetron Sıçratma Tekniği ile Üretilen Cu(In,Ga)Se₂ Filmlerin Güneş Hücresi Uygulamaları için Optimizasyonu, 2020 - 2022
- Kürkçüoğlu G. S., Yeşilel O. Z., Project Supported by Higher Education Institutions, 2-Piridinmetanol Ligantı ile Farklı İki Çekirdekli Hekzasiyanometalat Komplekslerinin Sentezi ve Yapısal Özelliklerinin İncelenmesi, 2020 - 2021
- Kürkçüoğlu G. S., Project Supported by Higher Education Institutions, 2-(2-Aminoetil)piridin Metal(II) Tetrasiyanometalat(II) Komplekslerinin Sentezi, Karakterizasyonu ve Yapısal Özelliklerinin İncelenmesi, 2019 - 2021
- KÜRKCÜOĞLU G. S., Project Supported by Higher Education Institutions, Bazı Geçiş Metallerinin [Ni(II), Cu(II), Zn(II) ve Cd(II)] 2-Etilimidazol Ligantı ile Tetrasiyanometalat(II) [Ni, Pd, Pt] Komplekslerinin Sentezi, Spektral ve Yapısal Özelliklerinin İncelenmesi, 2018 - 2019
- KÜRKCÜOĞLU G. S., Project Supported by Higher Education Institutions, PVC Profil Hamuru Üretiminde Kullanıma Uygun Termal ve UV Dayanımlı Yüksek Yeni Nesil Stabilizatör ve Katkı Malzemelerinin Araştırılması, 2017 - 2019
- KÜRKCÜOĞLU G. S., Tursun M., Kınık B., Kavlak İ., Project Supported by Higher Education Institutions, İmidazol, Türevleri ve Metal(II) Komplekslerinin Spektroskopik ve Kristalografik Yapılarının Kuantum Kimyasal Yöntemlerle İncelenmesi, 2015 - 2018
- KÜRKCÜOĞLU G. S., Project Supported by Higher Education Institutions, İmidazol Türevleri ve Metal(II) Komplekslerinin Spektroskopik ve Kristalografik Yapılarının Kuantum Kimyasal Yöntemlerle İncelenmesi, 2015 - 2018
- KÜRKCÜOĞLU G. S., Project Supported by Higher Education Institutions, Heteronükleer {[Ni(bipy)₃]2[Ag(CN)₂]₃}12 H₂O Kompleksinin Sentezi, Spektroskopik, Kristalografik Karakterizasyonunun Teorik ve Deneysel Olarak İncelenmesi,

2015 - 2016

KÜRKÇÜOĞLU G. S., Project Supported by Higher Education Institutions, Heteronükleer

{[Ni(bipy)₃]₂[Ag(CN)₂]₃]₁₂.H₂O Kompleksinin Sentezi, Spektroskopik, Kristallografik Karakterizasyonunun Teorik ve Deneysel Olarak İncelenmesi, 2015 - 2016

KÜRKÇÜOĞLU G. S., SAYIN E., Project Supported by Higher Education Institutions, Bazı Geçiş Metallerinin 2-

(Hidroksimetil)piridin ve 2-(2-Hidroksietil)piridin Ligantları ile Siyanür Komplekslerinin Sentezi, Yapısal ve Fiziksel Özelliklerinin Araştırılması, 2014 - 2015

KÜRKÇÜOĞLU G. S., Project Supported by Higher Education Institutions, Bazı Geçiş Metallerinin 2 Hidroksimetil piridin ve 2 2 Hidroksietil piridin Ligantları ile Siyanür Komplekslerinin Sentezi Yapısal ve Fiziksel Özelliklerinin Araştırılması, 2014 - 2015

KÜRKÇÜOĞLU G. S., Project Supported by Higher Education Institutions, Fe, Co, Ni, Cu, Zn, Cd Metalleriyle 2-Hidroksimetilpiridin Tetrasiyanonikelat Komplekslerinin Sentezi ve Karakterizasyonu, 2013 - 2015

KÜRKÇÜOĞLU G. S., Project Supported by Higher Education Institutions, Karışık Ligantlı Siyano Köprülü Geçiş Metal Komplekslerinin Sentezi ve Yapısal Özelliklerinin Araştırılması, 2012 - 2015

KÜRKÇÜOĞLU G. S., Project Supported by Higher Education Institutions, 2-(2-aminoetil)pidridin Molekülünün Geometrik Yapısının ve Titreşim Spektrumunun Teorik ve Deneysel Olarak İncelenmesi, 2013 - 2014

KÜRKÇÜOĞLU G. S., Project Supported by Higher Education Institutions, 3 Metilpiridazin ile Siyanür Köprülü 2 Boyutlu 2D Koordinasyon Polimerlerinin Sentezi ve Yapısal Özelliklerinin Araştırılması, 2013 - 2014

KÜRKÇÜOĞLU G. S., AYIN E., Project Supported by Higher Education Institutions, Fe, Co, Ni, Cu, Zn, Cd Metalleriyle 2-(Hidroksimetil)piridin Tetrasiyanonikelat Komplekslerinin Sentezi ve Karakterizasyonu, 2013 - 2014

KÜRKÇÜOĞLU G. S., Gör K., Project Supported by Higher Education Institutions, 3-Metilpiridazin Tetrasiyanometalat (II) Komplekslerinin Sentezi ve Karakterizasyonu, 2012 - 2013

KÜRKÇÜOĞLU G. S., Karaağaç D., Project Supported by Higher Education Institutions, Bazı Geçiş Metalleri ile Siyanür Komplekslerinin Sentezi, Spektroskopik, Termal ve Yapısal Özelliklerinin İncelenmesi, 2012 - 2013

KÜRKÇÜOĞLU G. S., Project Supported by Higher Education Institutions, Bazı Geçiş Metalleri ile Siyanür Komplekslerinin Sentezi Spektroskopik Termal ve Yapısal Özelliklerinin İncelenmesi, 2012 - 2013

KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., Project Supported by Higher Education Institutions, Bazı N-Donör Atomlu Ligantlarla Hofmann Tipine Benzer Siyano Köprülü Konak ve Konak Konuk Bileşiklerinin Sentezi Yapı ve Özelliklerinin İncelenmesi, 2010 - 2012

KÜRKÇÜOĞLU G. S., Kavlak İ., Çaylı İ., YEŞİLEL O. Z., KURTARAN S., KARAAĞAÇ D., Project Supported by Higher Education Institutions, Bazı N-Donör Atomlu Ligandlarla Hofmann-Tipine Benzer Siyanoköprülü Konak ve Konak-Konuk Bileşiklerinin Sentezi, Yapı ve Özelliklerinin İncelenmesi, 2010 - 2012

KÜRKÇÜOĞLU G. S., Project Supported by Higher Education Institutions, Elektronik Malzemelerin Oluşmasında Uygulama Alanı Bulan Bazı Organik Moleküllerin Titreşimsel Spektroskopi ve Teorik Hesaplama Yöntemleri ile Yapılarının Detaylı İncelenmesi, 2007 - 2009

PAT S., KÜRKÇÜOĞLU G. S., Project Supported by Higher Education Institutions, Bazı Hofmann Tipi Klatratların Titreşim Spektroskopisiyle İncelenerek Özelliklerinin Araştırılması, 1998 - 2000

Memberships / Tasks in Scientific Organizations

Türk Kristaografi Derneği, Member, 2010 - Continues, Turkey

Türk Fizik Derneği, Member, 1990 - Continues, Turkey

Tasks In Event Organizations

Atay F., KÜRKÇÜOĞLU G. S., AKAN T., VI. ULUSAL GÜNEŞ VE HİDROJEN ENERJİSİ KONGRESİ, Scientific Congress, Eskişehir, Turkey, Mayıs 2018

Atay F., KÜRKÇÜOĞLU G. S., AKAN T., KURTARAN S., V. ULUSAL GÜNEŞ VE HİDROJEN ENERJİSİ KONGRESİ, Scientific Congress, Eskişehir, Turkey, Mayıs 2016

Kürkçüođlu G. S., ADIM FİZİK GÜNLERİ, Scientific Congress, Eskişehir, Turkey, Nisan 2016

Atay F., KÜRKÇÜOĐLU G. S., AKAN T., IV. ULUSAL GÜNEŞ VE HİDROJEN ENERJİSİ KONGRESİ, Scientific Congress, Eskişehir, Turkey, Mayıs 2014

Kürkçüođlu G. S., ARAS H., KURTARAN S., III. Ulusal Güneş ve Hidrojen Enerjisi Kongresi, Scientific Congress, Eskişehir, Turkey, Haziran 2012

Kürkçüođlu G. S., MYOMAT 2009, Scientific Congress, Eskişehir, Turkey, Haziran 2009

Atay F., KÜRKÇÜOĐLU G. S., ARAS H., II. ULUSAL GÜNEŞ VE HİDROJEN ENERJİSİ KONGRESİ, Scientific Congress, Eskişehir, Turkey, Haziran 2008

Atay F., Kürkçüođlu G. S., KURTARAN S., I. ULUSAL GÜNEŞ VE HİDROJEN ENERJİSİ KONGRESİ, Scientific Congress, Eskişehir, Turkey, Haziran 2006

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