

Prof. HASAN KARABIYIK

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: P-2879-2019

ScopusID: 8839071200

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Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 2003 - 2009

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), Turkey 2001 - 2003

Undergraduate, Dokuz Eylul University, Buca Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey 1996 - 2000

Dissertations

Doctorate, Bazı rodyum(I) n-heterosiklik karben komplekslerinin kristalografik ve kuantum mekaniksel yöntemlerle incelenmesi, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Fizik (Dr), 2008

Postgraduate, Conformation study and crystal structure of C₂₉H₂₅N₃O₃, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), 2003

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Dokuz Eylul University, Fen Fakültesi, Fizik Bölümü, 2017 - Continues

Associate Professor, Dokuz Eylul University, Fen Fakültesi, Fizik Bölümü, 2013 - 2017

Academic and Administrative Experience

Head of Department, Dokuz Eylul University, Fen Fakültesi, Fizik Bölümü, 2021 - Continues

Fakülte Kurulu Üyesi, Dokuz Eylul University, Fen Fakültesi, Fizik Bölümü, 2020 - Continues

Adaptation/Exemption Committee Member, Dokuz Eylul University, Fen Fakültesi, Fizik Bölümü, 2020 - Continues

Fakülte Yönetim Kurulu Üyesi, Dokuz Eylul University, Fen Fakültesi, Fizik Bölümü, 2021 - 2022

Fakülte Kurulu Üyesi, Dokuz Eylul University, Fen Fakültesi, Fizik Bölümü, 2021 - 2022

Head of Department, Dokuz Eylul University, Fen Fakültesi, Fizik Bölümü, 2021 - 2022

Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Dokuz Eylül University, Fen Fakültesi, Fizik Bölümü, 2019 - 2022

Head of Department, Dokuz Eylül University, Fen Fakültesi, Fizik Bölümü, 2019 - 2021

Fakülte Kurulu Üyesi, Dokuz Eylül University, Fen Fakültesi, Fizik Bölümü, 2018 - 2020

Head of Department, Dokuz Eylül University, Fen Fakültesi, Fizik Bölümü, 2018 - 2020

Head of Department, Dokuz Eylül University, Fen Fakültesi, Fizik Bölümü, 2016 - 2019

Head of Department, Dokuz Eylül University, Fen Fakültesi, Fizik Bölümü, 2013 - 2016

Courses

Fizik II, Undergraduate, 2021 - 2022

Fizik, Undergraduate, 2021 - 2022

Research, Postgraduate, 2022 - 2023

Bitirme Projesi (Hazırlık), Undergraduate, 2022 - 2023

Thesis, Postgraduate, 2021 - 2022

Klasik Mekanik, Postgraduate, 2022 - 2023

Fizik 2, Undergraduate, 2021 - 2022, 2018 - 2019

Moleküler Modelleme, Postgraduate, 2021 - 2022

Fizik 2, Undergraduate, 2021 - 2022, 2018 - 2019

Katların Kuantum Teorisi, Doctorate, 2022 - 2023, 2019 - 2020

Thesis, Postgraduate, 2022 - 2023

Analitik Mekanik, Undergraduate, 2022 - 2023, 2021 - 2022

M.Sc. Seminar , Postgraduate, 2022 - 2023

Research, Postgraduate, 2021 - 2022

Fizik 1, Undergraduate, 2022 - 2023

Dinamik, Undergraduate, 2022 - 2023, 2021 - 2022

Fizik II, Undergraduate, 2020 - 2021, 2019 - 2020

Fizik, Undergraduate, 2020 - 2021

Fizik I, Undergraduate, 2020 - 2021, 2019 - 2020

Katların Kuantum Kuramına Giriş, Undergraduate, 2019 - 2020

İleri Moleküler Fizik, Postgraduate, 2018 - 2019

Fizik I, Undergraduate, 2019 - 2020

Astrofiziğe Giriş, Undergraduate, 2018 - 2019

Yenilenebilir Enerji Kaynakları, Undergraduate, 2018 - 2019

Advising Theses

KARABIYIK H., Crystallographic analysis of some Schiff bases derived from 4-Methoxy Salicylaldehyde, Postgraduate, İ.KABAROĞLU(Student), 2012

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Muğla Sıtkı Koçman Üniversitesi, October, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Van Yüzüncü Yıl Üniversitesi, August, 2022

Doctorate, Doctorate, Dokuz Eylül Üniversitesi, July, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, July,

2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis, characterization and antimicrobial properties of silver complexes derived from 5,6-Dimethylbenzimidazol-2-ylidene**
Atalay Çetinkaya E., KOÇ A., Kübra Koç H., KARABIYIK H., KARABIYIK H., Üstün E., ÖZDEMİR İ.
Polyhedron, vol.237, 2023 (SCI-Expanded)
- II. **Pd-NHC complex catalyzed C-H bond activation reactions of caffeine and 2-isobutylthiazole**
Bugday N., Khan S., Yasar S., Bulut F., Boulebd H., Karabiyik H., Karabiyik H., Oz E., Rehman A. U., Ozdemir I.
MOLECULAR CATALYSIS, vol.530, 2022 (SCI-Expanded)
- III. **Crystal structure, optical properties, spectroscopic characterization and density functional theory studies of a new rhodium (i)-imidazolidin-2-ylidene complexes: Synthesis, characterization and cytotoxic properties**
KARACA E. Ö., ÇİFTÇİ O., ÖZDEMİR İ., KARABIYIK H., KARABIYIK H., Guerbuez N., ÖZDEMİR İ., Mansour L., Youssef A., Hamdi N.
INORGANICA CHIMICA ACTA, vol.537, 2022 (SCI-Expanded)
- IV. **Arylation of heterocyclic compounds by benzimidazole-based N-heterocyclic carbene-palladium(II) complexes**
ŞAHİN N., GÜRBÜZ N., KARABIYIK H., KARABIYIK H., ÖZDEMİR İ.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.907, 2020 (SCI-Expanded)
- V. **Enhanced pi-back-donation resulting in the trans labilization of a pyridine ligand in an N-heterocyclic carbene (NHC) Pd-II precatalyst: a case study**
KARABIYIK H., YİĞİT B., YİĞİT M., ÖZDEMİR İ., KARABIYIK H.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.75, pp.941-958, 2019 (SCI-Expanded)
- VI. **Excited state aromatization assisted push-pull abilities of two unsaturated oxazolone derivatives**
KARABIYIK H., ÖZTÜRK ÜRÜT G., SEVİNÇEK R.
JOURNAL OF SAUDI CHEMICAL SOCIETY, vol.22, no.5, pp.519-526, 2018 (SCI-Expanded)
- VII. **2-Hydroxyethyl substituted NHC precursors: Synthesis, characterization, crystal structure and carbonic anhydrase, alpha-glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties**
Erdemir F., Barut Celepci D., Aktaş A., Taslimi P., Gök Y., Karabiyik H., Gülçin İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1155, pp.797-806, 2018 (SCI-Expanded)
- VIII. **Geometry dependence of electron donating or accepting abilities of amine groups in 4,4'-disulfanediybis(methylene)dithiazol-2-amine: Pyramidal versus planar**
KARABIYIK H., KIRILMIŞ C., KARABIYIK H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1141, pp.650-659, 2017 (SCI-Expanded)
- IX. **Enantioselective synthesis of new chiral 2-aziridinyl phosphonates and studies of their biological activities**
DOĞAN Ö., POLAT ÇAKIR S., Beksultanova N., ALTANLAR N., Simsek D., KARABIYIK H.
TETRAHEDRON-ASYMMETRY, vol.28, no.2, pp.324-329, 2017 (SCI-Expanded)
- X. **Effects of pnictogen and chalcogen bonds on the aromaticities of carbazole-like and dibenzofuran-like molecular skeletons: Cambridge Crystallographic Data Centre (CCDC) Study**
KARABIYIK H., SEVİNÇEK R., KARABIYIK H.
JOURNAL OF PHYSICAL ORGANIC CHEMISTRY, vol.28, no.7, pp.490-496, 2015 (SCI-Expanded)
- XI. **Supramolecular aromaticity**

- KARABIYIK H., SEVİNÇEK R., KARABIYIK H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1064, pp.135-149, 2014 (SCI-Expanded)
- XII. **pi-Cooperativity effect on the base stacking interactions in DNA: is there a novel stabilization factor coupled with base pairing H-bonds?**
KARABIYIK H., SEVİNÇEK R., KARABIYIK H.
PHYSICAL CHEMISTRY CHEMICAL PHYSICS, vol.16, no.29, pp.15527-15538, 2014 (SCI-Expanded)
- XIII. **Changes in ligating abilities of the singlet and triplet states of normal, abnormal and remote N-heterocyclic carbenes depending on their aromaticities**
SEVİNÇEK R., KARABIYIK H., KARABIYIK H.
JOURNAL OF MOLECULAR MODELING, vol.19, no.12, pp.5327-5341, 2013 (SCI-Expanded)
- XIV. **Tuning Photoinduced Intramolecular Electron Transfer by Electron Accepting and Donating Substituents in Oxazolones**
Ozturk G., Karabiyik H., Aygün M., Alp S., Ozcelik S.
JOURNAL OF FLUORESCENCE, vol.23, no.4, pp.733-744, 2013 (SCI-Expanded)
- XV. **Supramolecular chirality-sensing DNA-mimicry of a norbornane derivative decorated with isoxazoline and methylpyrrolidine-2,5-dione ring**
Yakali G., KARABIYIK H., KARABIYIK H., GÖKSU G., AYGÜN M., Ocal N., Garcia-Granda S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1041, pp.164-174, 2013 (SCI-Expanded)
- XVI. **Hydrogen-bridged chelate ring-assisted pi-stacking interactions**
KARABIYIK H., KARABIYIK H., OCAK İSKELELİ N.
ACTA CRYSTALLOGRAPHICA SECTION B-STRUCTURAL SCIENCE CRYSTAL ENGINEERING AND MATERIALS, vol.68, pp.71-79, 2012 (SCI-Expanded)
- XVII. **Anchor Effect on Pedal Motion Observed in Crystal Phase of an Azobenzene Derivative**
KARABIYIK H., Petek H., OCAK İSKELELİ N., Albayrak C., AĞAR E.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.41, no.11, pp.1642-1648, 2011 (SCI-Expanded)
- XVIII. **Aromaticity balance, pi-electron cooperativity and H-bonding properties in tautomerism of salicylideneaniline: the quantum theory of atoms in molecules (QTAIM) approach**
KARABIYIK H., SEVİNÇEK R., Petek H., AYGÜN M.
JOURNAL OF MOLECULAR MODELING, vol.17, no.6, pp.1295-1309, 2011 (SCI-Expanded)
- XIX. **Mesomeric effect on the structural and electronic properties of 4-(2-tert-butyl-4-methylphenoxy)phthalonitrile**
KARABIYIK H., AĞAR A. A., OCAK İSKELELİ N.
STRUCTURAL CHEMISTRY, vol.21, no.6, pp.1273-1281, 2010 (SCI-Expanded)
- XX. **Ligand-to-Metal Charge Transfer Resulting in Metalloaromaticity of [R,R-Cyclohexyl-1,2-bis(2-Oxidonaphthylideneiminato-N,N',O,O')]Cu(II): A Scrutinized Structural Investigation**
KARABIYIK H., ERDEM YILMAZ Ö., AYGÜN M., GÜZEL B., Garcia-Granda S.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.20, no.1, pp.142-151, 2010 (SCI-Expanded)
- XXI. **Structural and aromatic aspects for tautomerism of (Z)-6-((4-bromophenylamino)methylene)-2,3-dihydroxycyclohexa-2,4-dienone**
KARABIYIK H., Petek H., OCAK İSKELELİ N., Albayrak C.
STRUCTURAL CHEMISTRY, vol.20, no.6, pp.1055-1065, 2009 (SCI-Expanded)
- XXII. **Crystallographic and conformational analysis of two novel trans-azo benzene compounds**
KARABIYIK H., Petek H., OCAK İSKELELİ N., Albayrak C.
STRUCTURAL CHEMISTRY, vol.20, no.5, pp.903-910, 2009 (SCI-Expanded)
- XXIII. **Supramolecular Architecture in the 1:1 Co-Crystallization of 6,7-Dimethoxy-2-methyl-4-phenylisoquinolinium Cation with Perchlorate Anion**
KARABIYIK H., Goekce A. G., COŞKUN N., AYGÜN M., Kizilkusak Y. T.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.39, no.4, pp.279-284, 2009 (SCI-Expanded)
- XXIV. **Co(II) and Cu(II) Schiff base complexes of bis(N-(4-diethylamino-2-methylphenyl)-3,5-di-tert-butylsalicylaldimine): Electrochemical and X-ray structural study**

- Ulusoy M., KARABIYIK H., KILINÇARSLAN R., AYGÜN M., Cetinkaya B., Garcia-Granda S.
STRUCTURAL CHEMISTRY, vol.19, no.5, pp.749-755, 2008 (SCI-Expanded)
- XXV. **Desynchronization of pedal motion: Crystallographic and theoretical study of (E)-4-[(4-ethylphenyl)diazenyl]-2-methylphenol**
OCAK İSKELELİ N., KARABIYIK H., Albayrak C., AĞAR E.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.38, no.9, pp.671-677, 2008 (SCI-Expanded)
- XXVI. **Crystallographic and conformational analysis of (E)-2-isopropyl-4-(p-tolyldiazenyl)phenol**
OCAK İSKELELİ N., KARABIYIK H., Albayrak C., AĞAR E., Guemruekcueoglu I. E.
STRUCTURAL CHEMISTRY, vol.19, no.4, pp.565-570, 2008 (SCI-Expanded)
- XXVII. **N-methyl-N-phenylaminomethyl 2-naphthyl ketone: an X-ray diffraction and density functional theory study**
KARABIYIK H., DOĞRUYOL S., AYGÜN M., ARSU N., BÜYÜKGÜNGÖR O.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.64, 2008 (SCI-Expanded)
- XXVIII. **An intermediate structure trapped in solid-state tautomerization process of (E)-4-[(4-chlorophenylimino)methyl]benzene-1,2,3-triol**
KARABIYIK H., OCAK İSKELELİ N., Petek H., Albayrak C., AĞAR E.
JOURNAL OF MOLECULAR STRUCTURE, vol.873, no.1-3, pp.130-136, 2008 (SCI-Expanded)
- XXIX. **The 1 : 1 co-crystallization of enantiomers of an arene-tethered and ortho-metallated N-heterocyclic carbene ruthenium(II) half-sandwich complex: Synthesis, structural characterization and theoretical study**
KARABIYIK H., KILINÇARSLAN R., AYGÜN M., Cetinkaya B., Gardia-Granda S.
SOLID STATE SCIENCES, vol.10, no.1, pp.104-113, 2008 (SCI-Expanded)
- XXX. **Structural characterization of N,N '-bis(2-methoxyethyl)-4,5-bis(2,4,6-trimethylphenyl)imidazolinium hexafluorophosphate**
KARABIYIK H., KILINÇARSLAN R., AYGÜN M., Cetinkaya B., Garcia-Granda S.
STRUCTURAL CHEMISTRY, vol.18, no.6, pp.1011-1016, 2007 (SCI-Expanded)
- XXXI. **A practical scheme for ab initio determination of a crystal structure based on the Dirac equation**
KARABIYIK H.
THEORETICAL CHEMISTRY ACCOUNTS, vol.118, no.4, pp.785-790, 2007 (SCI-Expanded)
- XXXII. **1-((E)-{(1R,2R)-2-[(E)-(2-hydroxy-1-naphthyl)methyleneamino]cyclohexyl}iminiomethyl)naphthalen-2-olate : a Schiff base compound having both OH and NH character**
KARABIYIK H., GÜZEL B., Aygun M., Boga G., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- XXXIII. **Synthesis and structural characterization of two novel N-heterocyclic carbene complexes of Rh(I)**
KARABIYIK H., Kilincarslan R., Aygun M., Cetinkaya B., Buyukgungor O.
JOURNAL OF COORDINATION CHEMISTRY, vol.60, no.4, pp.393-399, 2007 (SCI-Expanded)
- XXXIV. **Conformational analysis and crystal structure of (E)-3-methyl-4-(p-tolyldiazenyl)phenol**
KARABIYIK H., Iskeleli N. O., Albayrak C., Agar E.
STRUCTURAL CHEMISTRY, vol.18, no.1, pp.87-93, 2007 (SCI-Expanded)
- XXXV. **PM3 semiempirical study and its comparison with X-ray crystal structure of 4-[2-methyl-4-(4-methoxyphenylazo)] phenoxyphthalonitrile**
Iskeleli N. O., KARABIYIK H., Albayrak C., Petek H., Agar E.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.36, no.11, pp.709-714, 2006 (SCI-Expanded)
- XXXVI. **The synthesis, electrochemical properties and structural characterization of bis(N-(4-dimethylaminophenyl)-3,5-di-tert-butylsalicylaldiminato) copper(II)**
Kilincarslan R., KARABIYIK H., Ulusoy M., Ayguen M., Cetinkaya B., Bueyuekguengoer O.
JOURNAL OF COORDINATION CHEMISTRY, vol.59, no.14, pp.1649-1656, 2006 (SCI-Expanded)
- XXXVII. **PM3 semiempirical study and its comparison with X-ray crystal structure of 2-methyl-4-(4-methoxyphenylazo)phenol**
Iskeleli N. O., KARABIYIK H., Albayrak C., Petek H., Agar E.

- STRUCTURAL CHEMISTRY, vol.17, no.4, pp.393-399, 2006 (SCI-Expanded)
- XXXVIII. **Supramolecular architecture of phenylcarbamoylated acetone oxime 1,1-diisopropyl-3-phenylurea] complex**
Coskun N., Parlar A., KARABIYIK H., Aygun M., Buyukgungor O.
STRUCTURAL CHEMISTRY, vol.17, no.4, pp.431-438, 2006 (SCI-Expanded)
- XXXIX. **Crystallographic and conformational analysis of 1,3-bis(2,4-dimethoxyphenyl)imidazolidine-2-thione**
KARABIYIK H., Gunay M. E., Aygun M., Cetinkaya B., Kazak C.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.36, no.4, pp.243-248, 2006 (SCI-Expanded)
- XL. **Synthesis and structural characterization of (1,3-bis(methoxyethyl)-4,5-bis(2,4,6-trimethylphenyl)-imidazolidin-2-ylidene)chloro(1,5-cyclooctadiene)rhodium(I)**
KARABIYIK H., Kilincarslan R., Aygun M., Cetinkaya B., Buyukgungor O.
JOURNAL OF COORDINATION CHEMISTRY, vol.59, no.3, pp.343-350, 2006 (SCI-Expanded)
- XLI. **The synthesis, structural characterization and conformational analysis of (1,3-bis(2-methyl-4-diethylaminophenyl)imidazolidin-2-ylidene)chloro(1,5-cyclooctadiene)rhodium(I)**
KARABIYIK H., Kilincarslan R., AYGÜN M., Cetinkaya B., Buyukgungor O.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.60, no.8, pp.837-842, 2005 (SCI-Expanded)
- XLII. **Crystallographic and conformational analysis of 2-methyl-3-(2-nitro-phenyl)-4-phenyl-[1,2,4]oxadiazolidin-5-one**
KARABIYIK H., Aygun M., Coskun N., Kazak C.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.35, no.8, pp.577-582, 2005 (SCI-Expanded)
- XLIII. **Generalized formulation of quantum and classical crystallography using Green's functions**
KARABIYIK H., Aygun M.
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY, vol.103, no.6, pp.781-791, 2005 (SCI-Expanded)
- XLIV. **Conformational and structural analysis of 6-(4-methoxy-phenyl)1,5,7a-triphenyl-tetrahydroimidazo[1,5-b][1,2,4]oxadiazol-2-one**
Aygun M., KARABIYIK H., Coskun N.
SPECTROSCOPY LETTERS, vol.37, no.6, pp.553-564, 2004 (SCI-Expanded)
- XLV. **A theoretical study on tautomerism and tautomers of N-confused porphyrins**
KARABIYIK H., Gokce A., Aygun M.
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.673, pp.191-197, 2004 (SCI-Expanded)

Books & Book Chapters

- I. **Modern Fizikteki Postmodernizm Karşısında Einstein**
KARABIYIK H.
in: Madde, Diyalektik ve Toplum Cilt 3, Alp Öztarhan, Engin Özkan, Erhan Nalçacı, Ezgi Altınışık, Gizem Batı Ayaz, Gizem Gül, İraz Akış, Kıvılcım Başak Vural, Mehmet Ali Olpak, Nevzat Evrim Önal, Oğuz Şavk, Suzan Şahin, Tolga Binbay, Yavuz Köroğlu, Zelal Özgür Durmuş, Editor, Yazılama, İstanbul, pp.87-94, 2021
- II. **Kuantum Fiziği Diyalektik Materyalizmle Çelişir mi?**
KARABIYIK H.
in: Madde, Diyalektik ve Toplum, Erhan Nalçacı, Editor, Yazılama, İstanbul, pp.203-212, 2019
- III. **Stephen Hawking'i Nasıl Bilirsiniz?**
KARABIYIK H.
in: Madde, Diyalektik ve Toplum, Erhan Nalçacı, Editor, Yazılama, İstanbul, pp.149-154, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Aromatization variation due to ground and excited states: Studied on two oxazolone derivatives**

SEVİNÇEK R., KARABIYIK H., ÖZTÜRK ÜRÜT G.

ICATES - International Conference on Agriculture, Technology, Engineering and Sciences, Lviv, Ukraine, 18 - 20 September 2019

- II. **Yeni Paladyum(II)-NHC Komplekslerinin Arilasyon Tepkimelerindeki Katalitik Aktivitesi**
ŞAHİN N., GÜRBÜZ N., KARABIYIK H., KARABIYIK H., ÖZDEMİR İ.
VII. Uluslararası Anorganik Kimya Kongresi, Çorum, Turkey, 19 - 22 June 2019, pp.60
- III. **SUPRAMOLECULAR CHIRALITY SENSING DNA MIMICRY OF A NORBORNANE DERIVATIVE DECORATED WITH ISOXAZOLINE AND METHYLPYROLIDINE-2,5-DIONE RING**
YAKALI G., KARABIYIK H., KARABIYIK H., GÖKÇE A. G., AYGÜN M., ÖCAL SUNGURUOĞLU Z. N., Garcia Granda S.
Turkish Physics Society 32th International Physics Congress, Bodrum, Turkey, BODRUM, Turkey, 6 - 09 September 2016, pp.164
- IV. **Hydrogen bridged chelate ring assisted pi stacking interactions**
KARABIYIK H., KARABIYIK H., OCAK İSKELELİ N.
3rd Turkish Crystallographic Meeting, İzmir, Turkey, 7 - 09 June 2012
- V. **Aromaticity balance pi electron cooperativity and H bonding properties in tautomerism of salicylideneaniline**
KARABIYIK H., SEVİNÇEK R., KARABIYIK H., AYGÜN M.
3rd Turkish Crystallographic Meeting, İzmir, Turkey, 7 - 09 June 2012
- VI. **Quantitative assessment of heteroaromaticities of nitrogen containing mono bi and tricyclic hexaatomic ring systems and their protonated variants A DFT study**
SEVİNÇEK R., KARABIYIK H., GÖKÇE A. G., AYGÜN M.
Chemical Physics Conference VIII, 24 - 25 April 2008
- VII. **Trans Influence in square planar Pd II complexes A density functional study**
GÖKÇE A. G., KARABIYIK H., SEVİNÇEK R., AYGÜN M.
2nd Turkish Crystallographic Meeting, Turkey, 17 - 19 May 2006
- VIII. **Entropy Quantization in Generalized Classical Crystallography**
KARABIYIK H., AYGÜN M.
2nd Turkish Crystallographic Meeting, Kayseri, Turkey, 17 - 19 May 2006, pp.17
- IX. **NCFPs in N-H TAUTOMERİZMİ, TAUTOMERLERİ VE NCF2P5İLE İZOMERİZASYONU**
KARABIYIK H., GÖKÇE A. G., AYGÜN M.
TÜRK FİZİK DERNEĞİ 22. FİZİK KONGRESİ, BODRUM, Turkey, 14 - 17 September 2004, pp.93
- X. **N-Confused Porphyrin"lerin Tautomerleri ve Tautomerizasyonu Üzerine Kuramsal Bir Çalışma**
KARABIYIK H., GÖKÇE A. G., AYGÜN M.
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