

Assoc. Prof. KORAY SAYIN

Personal Information

Email: ksayin@cumhuriyet.edu.tr

Web: <https://avesis.cumhuriyet.edu.tr/ksayin>

Education Information

Doctorate, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2014 - 2017

Post Graduate, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), Turkey 2012 - 2014

Under Graduate, Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2005 - 2009

Dissertations

Doctorate, Hesaplamalı kimya yöntemleriyle bazı bor komplekslerinin yapısal ve elektronik özelliklerinin incelenmesi, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 2017

Post Graduate, Hesaplamalı kimya yöntemleri ile bazı platin(II) oksim komplekslerinin moleküler yapısının ve moleküler özelliklerinin araştırılması, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), 2014

Research Areas

Inorganic Chemistry

Academic Titles / Tasks

Associate Professor, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2018 - Continues

Research Assistant, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2017 - 2018

Research Assistant, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü Anabilim Dalı, 2011 - 2017

Professional Experience

University Executive Board Member, Sivas Cumhuriyet Üniversitesi, Yeni Ve Yenilenebilir Enerji Kaynakları Uygulama Ve Araştırma Merkezi, 2019 - Continues

Erasmus Coordinator, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2018 - Continues

Courses

Organometalik Kimya, Under Graduate, 2019 - 2020

Kimya, Under Graduate, 2019 - 2020

Seminer Dersi, Post Graduate, 2019 - 2020

Genel Kimya, Under Graduate, 2019 - 2020

Hesaplamalı Kimya Yöntemleri ve Uygulamaları II, Post Graduate, 2018 - 2019

Genel Kimya II, Under Graduate, 2018 - 2019
Genel Kimya, Under Graduate, 2019 - 2020
Koordinasyon Kimyası, Post Graduate, 2019 - 2020
Genel Kimya Laboratuvarı I, Under Graduate, 2019 - 2020
Genel Kimya I, Under Graduate, 2019 - 2020
Genel Kimya, Associate Degree, 2019 - 2020
Hesaplamalı Kimya Yöntemleri ve Uygulamaları I, Post Graduate, 2019 - 2020
GENEL KİMYA 2, Under Graduate, 2017 - 2018
GENEL KİMYA, Under Graduate, 2017 - 2018

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

- I. **Investigations substituent effect on structural, spectral and optical properties of phenylboronic acids**
Çöpçü B., SAYIN K., KARAKAŞ D.
Journal of Molecular Structure, vol.1227, 2021 (Journal Indexed in SCI Expanded)
- II. **Experimental and computational studies of di-mu-chlorido-bis[chlorido(1,10-phenanthroline-(KN)-N-2,N ')nickel(II)] NiCl₂(H₂O)(C₁₂N₂H₈): Crystal structure, quantitative analysis of the intermolecular interactions and electronic properties**
El Bali B., Lachkar M., Direm A., Cetiner E., SAYIN K., Dusek M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1227, 2021 (Journal Indexed in SCI)
- III. **Scale factor database for the vibration frequencies calculated in M06-2X, one of the DFT methods**
ÜNAL Y., Nassif W., Özyaydin B. C. , SAYIN K.
Vibrational Spectroscopy, vol.112, 2021 (Journal Indexed in SCI Expanded)
- IV. **Research on structural, spectral (IR, UV-Vis, H-1- and C-13-NMR) and light emitting properties of triisocyano-based trinuclear Au(I) complexes**
Ozkan N., ERKAN S., SAYIN K., KARAKAŞ D.
CHEMICAL PAPERS, vol.74, no.8, pp.2415-2425, 2020 (Journal Indexed in SCI)
- V. **Evaluation of structural, spectral characterization and in vitro cytotoxic activity studies of some polycyclic aromatic compounds**
Rezaeivala M., SAYIN K., Şahin-Bölükbaşı S., Tandoğan D., Kose M., Kose A.
ARABIAN JOURNAL OF CHEMISTRY, vol.13, no.6, pp.5593-5604, 2020 (Journal Indexed in SCI)
- VI. **Crystal structure, Hirshfeld surface analysis and theoretical calculations of an oxalato-bridged copper(II) complex: mu-oxalato-bis[(2,2'-bipyridine) hydrate copper(II) nitrate]**
Boutobba Z., Direm A., SAYIN K., El Bali B., Lachkar M., Benali-Cherif N.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.17, no.3, pp.671-685, 2020 (Journal Indexed in SCI)
- VII. **Water mediated synthesis of 6-amino-5-cyano-2-oxo-N-(pyridin-2-yl)-4-(p-tolyl)-2H-[1,2 '-bipyridine]-3-carboxamide and 6-amino-5-cyano-4-(4-fluorophenyl)-2-oxo-N-(pyridin-2-yl)-2H-[1,2 '-bipyridine]-3-carboxamide - An experimental and computational studies with non-linear optical (NLO) and molecular docking analyses**
Jayarajan R., Satheeshkumar R., Kottha T., Subbaramanian S., SAYIN K., Vasuki G.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.229, 2020 (Journal Indexed in SCI)
- VIII. **Pt-Ni@PC900 Hybrid Derived from Layered-Structure Cd-MOF for Fuel Cell ORR Activity**
Nadeem M., Yasin G., Arif M., Bhatti M. H. , SAYIN K., Mehmood M., Yunus U., Mehboob S., Ahmed I., Floerke U.
ACS OMEGA, vol.5, no.5, pp.2123-2132, 2020 (Journal Indexed in SCI)
- IX. **How do arbidol and its analogs inhibit the SARS-CoV-2?**
Aktas A., Tuzun B., Kafa T. A. H. , Sayin K., Ataseven H.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.121, no.10, pp.705-711, 2020 (Journal Indexed in SCI)

- X. **Structural, spectral characterization and molecular docking analyses of mer-ruthenium (II) complexes containing the bidentate chelating ligands**
Erkan S., Kaya S., Sayin K., Karakaş D.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.224, 2020 (Journal Indexed in SCI)
- XI. **Quantum chemical calculations on sparfloxacin and boron complexes**
ÜNGÖRDÜ A., SAYIN K.
CHEMICAL PHYSICS LETTERS, vol.733, 2019 (Journal Indexed in SCI)
- XII. **Synthesis of novel 1,10-phenanthroline derivatives and it used as probes for sensitive detection of Zn²⁺ and Cd²⁺ metal ions - Spectroscopic and theoretical approach**
Satheeshkumar R., Rajamanikandan R., Ilanchelian M., Sayin K., Prasad K. J. R.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.221, 2019 (Journal Indexed in SCI)
- XIII. **Investigations of structural, spectral and electronic properties of enrofloxacin and boron complexes via quantumchemical calculation and molecular docking**
SAYIN K., ÜNGÖRDÜ A.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.220, 2019 (Journal Indexed in SCI)
- XIV. **Research of the substituent effect on non-linear optical properties of bis (difluoroboron)-1,2-bis((1H-pyrrol-2-yl)methylene)hydrazine (BOPHY) derivatives: Molecular simulation analyses**
SAYIN K.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.212, pp.380-387, 2019 (Journal Indexed in SCI)
- XV. **Investigations over optical properties of boron complexes of benzothiazolines**
TÜZÜN B., SAYIN K.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.208, pp.48-56, 2019 (Journal Indexed in SCI)
- XVI. **The Different Effects of Metal Ions on the Synthesis of Macroacyclic Compounds: X-ray Crystal Structure, Theoretical Studies, Antibacterial and Antifungal Activities**
Rezaeiyla M., Golbedaghi R., Khalili M., Ahmad M., Sayin K., Chalabian F.
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY, vol.45, no.2, pp.142-153, 2019 (Journal Indexed in SCI)
- XVII. **New diazo-containing phenolic oximes: structural characterization, computational studies, and solvent extraction of Cu(II), Ni(II), and Zn(II) ions**
KARABÖRK M., Kirpik H., SAYIN K., KÖSE M.
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.1, pp.197-212, 2019 (Journal Indexed in SCI)
- XVIII. **Investigations of structural, spectral, electronic and biological properties of N-heterocyclic carbene Ag(I) and Pd(II) complexes**
Sayin K., Kariper S. E., Tastan M., Sayin T. A., Karakaş D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1176, pp.478-487, 2019 (Journal Indexed in SCI)
- XIX. **Investigation of structural and biological properties of N-heterocyclic carbene silver(I) and palladium(II) complexes**
SAYIN K.
JOURNAL OF COORDINATION CHEMISTRY, vol.71, no.20, pp.3292-3303, 2018 (Journal Indexed in SCI)
- XX. **Crystal structure, thermal, luminescent and terahertz time domain spectroscopy of magnesium N-phthaloyl-beta-alaninate: A combined experimental and theoretical study**
Nadeem M., Bhatti M. H., SAYIN K., Yunus U., Mehmood M., Mehboob S., Floerke U.
JOURNAL OF MOLECULAR STRUCTURE, vol.1170, pp.1-8, 2018 (Journal Indexed in SCI)
- XXI. **Investigation of structural, electronic properties and docking calculations of some boron complexes with norfloxacin: A computational research**
SAYIN K., KARAKAŞ D.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.202, pp.276-283, 2018

(Journal Indexed in SCI)

- XXII. **Half-sandwich Ruthenium(II) arene complexes bearing the azo-azomethine ligands: Electrochemical, computational, antiproliferative and antioxidant properties**
Inan A., Sunbul A. B. , İkiz M., Tayhan S. E. , BİLĞİN S., Elmastas M., SAYIN K., CEYHAN G., KÖSE M., İSPİR E.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.870, pp.76-89, 2018 (Journal Indexed in SCI)
- XXIII. **Sev and pcu topological nets in one-pot newly synthesized mixed-ligand imidazole-containing Cu(II) coordination frameworks: Crystal structure, intermolecular interactions, theoretical calculations, magnetic behavior and biological activity**
Direm A., Abdelbaky M. S. M. , SAYIN K., Cornia A., Abosede O., Garcia-Granda S.
INORGANICA CHIMICA ACTA, vol.478, pp.59-70, 2018 (Journal Indexed in SCI)
- XXIV. **Quantum chemical investigation of levofloxacin-boron complexes: A computational approach**
SAYIN K., KARAKAŞ D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1158, pp.57-65, 2018 (Journal Indexed in SCI)
- XXV. **Unsymmetrical tripodal amines containing one pyridine-armed with N3O2-donor set: Coordination chemistry with zinc(II) and theoretical studies**
Keypour H., Shayesteh M., Rezaeivala M., Dhers S., SAYIN K.
INORGANICA CHIMICA ACTA, vol.473, pp.94-101, 2018 (Journal Indexed in SCI)
- XXVI. **Investigation of anticancer properties of caffeinated complexes via computational chemistry methods**
SAYIN K., ÜNGÖRDÜ A.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.193, pp.147-155, 2018 (Journal Indexed in SCI)
- XXVII. **Computational study of some fluoroquinolones: Structural, spectral and docking investigations**
SAYIN K., KARAKAŞ D., ERKAN KARİPER S., Sayin T. A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1156, pp.172-181, 2018 (Journal Indexed in SCI)
- XXVIII. **Antiproliferative, antioxidant, computational and electrochemical studies of new azo-containing Schiff base ruthenium(II) complexes**
Inan A., İkiz M., Tayhan S. E. , BİLĞİN S., GENÇ N., SAYIN K., CEYHAN G., KÖSE M., Dag A., İSPİR E.
NEW JOURNAL OF CHEMISTRY, vol.42, no.4, pp.2952-2963, 2018 (Journal Indexed in SCI)
- XXIX. **Computational investigations of trans platinum(II) oxime complexes used as anticancer drug**
SAYIN K., KARAKAŞ D.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.188, pp.537-546, 2018 (Journal Indexed in SCI)
- XXX. **Synthesis, spectroscopic, in vitro cytotoxicity and crystal structures of novel fluorinated dispiroheterocycles: DFT approach**
Satheeshkumar R., SAYIN K., Kaminsky W., Prasad K. J. R.
MONATSHEFTE FÜR CHEMIE, vol.149, no.1, pp.141-147, 2018 (Journal Indexed in SCI)
- XXXI. **Theoretical study on the antitumor properties of Ru(II) complexes containing 2-pyridyl, 2-pyridine-4-carboxylic acid ligands**
ERKAN KARİPER S., SAYIN K., KARAKAŞ D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1149, pp.473-486, 2017 (Journal Indexed in SCI)
- XXXII. **Investigation of Structural, Electronic and Biological Properties of Two Zn(II) Complexes with Pentaaza Macrocyclic Schiff-Base Ligand: A DFT Approach**
SAYIN K., KARAKAŞ D.
JOURNAL OF CLUSTER SCIENCE, vol.28, no.6, pp.3075-3086, 2017 (Journal Indexed in SCI)
- XXXIII. **Determination of structural, spectral, electronic and biological properties of tosufloxacin boron complexes and investigation of substituent effect**
SAYIN K., KARAKAŞ D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1146, pp.191-197, 2017 (Journal Indexed in SCI)
- XXXIV. **New fluorescent azo-Schiff base Cu(II) and Zn(II) metal chelates; spectral, structural, electrochemical, photoluminescence and computational studies**

- Purtas F., SAYIN K., CEYHAN G., KÖSE M., KURTOĞLU M.
 JOURNAL OF MOLECULAR STRUCTURE, vol.1137, pp.461-475, 2017 (Journal Indexed in SCI)
- XXXV. **Synthesis, spectral analysis and quantum chemical studies on molecular geometry, chemical reactivity of 7-chloro-9-(2'-chlorophenyl)-2,3-dihydroacridin-4(1H)-one and 7-chloro-9-(2'-fluorophenyl)-2,3-dihydroacridin-4(1H)-one**
 Satheeshkumar R., SAYIN K., Kaminsky W., Prasad K. J. R.
 JOURNAL OF MOLECULAR STRUCTURE, vol.1128, pp.279-289, 2017 (Journal Indexed in SCI)
- XXXVI. **Indium triflate and ionic liquid-mediated Friedlander synthesis of 2-acylquinolines**
 Satheeshkumar R., SAYIN K., Kaminsky W., Prasad K. J. R.
 SYNTHETIC COMMUNICATIONS, vol.47, no.21, pp.1940-1954, 2017 (Journal Indexed in SCI)
- XXXVII. **Effect of pyridyl on adsorption behavior and corrosion inhibition of aminotriazole**
 SAYIN K., Jafari H., Mohsenifar F.
 JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, vol.68, pp.431-439, 2016 (Journal Indexed in SCI)
- XXXVIII. **Computational and experimental studies of 2-[(E)-hydrazinylidenemethyl]-6-methoxy-4-[(E)-phenyldiazenyl]phenol and its tautomers**
 SAYIN K., KURTOĞLU N., KÖSE M., KARAKAŞ D., KURTOĞLU M.
 JOURNAL OF MOLECULAR STRUCTURE, vol.1119, pp.413-422, 2016 (Journal Indexed in SCI)
- XXXIX. **Corrosion inhibition studies of N,N'-bis(4-formylphenyl)-1,2-Diaminocyclohexane on steel in 1 HCl solution acid**
 Jafari H., Mohsenifar F., SAYIN K.
 JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, vol.64, pp.314-324, 2016 (Journal Indexed in SCI)
- XL. **Dinuclear Cu(II) complexes of compartmental Schiff base ligands formed from unsymmetrical tripodal amines of varying arm lengths: Crystal structure of [Cu₂L₁](ClO₄)(2) and theoretical studies**
 Keypour H., Shayesteh M., Rezaeivala M., SAYIN K.
 JOURNAL OF MOLECULAR STRUCTURE, vol.1112, pp.110-118, 2016 (Journal Indexed in SCI)
- XLI. **Sulfur Containing Compounds as Corrosion Inhibitors for Mild Steel in Hydrochloric Acid Solution**
 Jafari H., SAYIN K.
 TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.69, no.3, pp.805-815, 2016 (Journal Indexed in SCI)
- XLII. **Pd(II) complexes of novel phosphine ligands: Synthesis, characterization, and catalytic activities on Heck reaction**
 ALTAN O., Serindag O., SAYIN K., KARAKAŞ D.
 PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.191, no.7, pp.993-999, 2016 (Journal Indexed in SCI)
- XLIII. **Electrochemical and theoretical studies of adsorption and corrosion inhibition of aniline violet compound on carbon steel in acidic solution**
 Jafari H., SAYIN K.
 JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, vol.56, pp.181-190, 2015 (Journal Indexed in SCI)
- XLIV. **Synthesis of two new azo-azomethines; spectral characterization, crystal structures, computational and fluorescence studies**
 Eskikanbur S., SAYIN K., KÖSE M., ZENGİN H., McKee V., KURTOĞLU M.
 JOURNAL OF MOLECULAR STRUCTURE, vol.1094, pp.183-194, 2015 (Journal Indexed in SCI)
- XLV. **Structural, spectral, NLO and MEP analysis of the [MgO₂Ti₂(OPri)₆], [MgO₂Ti₂(OPri)₂(acac)₄] and [MgO₂Ti₂(OPri)₂(bzac)₄] by DFT method**
 SAYIN K., KARAKAŞ D.
 SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.144, pp.176-182, 2015 (Journal Indexed in SCI)
- XLVI. **Synthesis and characterization of Co(II), Ni(II), Cu(II) and Zn(II) complexes with a new**

homopiperazine macrocyclic Schiff base ligand

Keypour H., Rezaeivala M., Mirzaei-Monsef M., SAYIN K., Dilek N., ÜNVER H.
INORGANICA CHIMICA ACTA, vol.432, pp.243-249, 2015 (Journal Indexed in SCI)

XLVII. Spectroscopic investigation, FMOs and NLO analyses of Zn(II) and Ni(II) phenanthroline complexes: A DFT approach

SAYIN K., Karaka D., KARAKUŞ N., Sayin T. A. , Zaim Z., ERKAN KARİPER S.
POLYHEDRON, vol.90, pp.139-146, 2015 (Journal Indexed in SCI)

XLVIII. The investigation of corrosion inhibition efficiency on some benzaldehyde thiosemicarbazones and their thiole tautomers: Computational study

KARAKUŞ N., SAYIN K.
JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, vol.48, pp.95-102, 2015 (Journal Indexed in SCI)

XLIX. Theoretical spectroscopic study of seven zinc(II) complex with macrocyclic Schiff-base ligand

SAYIN K., ERKAN KARİPER S., Sayin T. A. , KARAKAŞ D.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.133, pp.348-356, 2014 (Journal Indexed in SCI)

L. A novel azo-azomethine based fluorescent dye and its Co(II) and Cu(II) metal chelates

Kurtoglu G., AVAR B., ZENGİN H., KÖSE M., SAYIN K., KURTOĞLU M.
JOURNAL OF MOLECULAR LIQUIDS, vol.200, pp.105-114, 2014 (Journal Indexed in SCI)

LI. The investigation of the solvent effect on coordination of nicotinato ligand with cobalt(II) complex containing tris(2-benzimidazolymethyl) amine: A computational study

SAYIN K., KARAKAŞ D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1076, pp.244-250, 2014 (Journal Indexed in SCI)

LII. Preparation, spectral, X-ray powder diffraction and computational studies and genotoxic properties of new azo-azomethine metal chelates

Bitmez S., SAYIN K., AVAR B., KÖSE M., KAYRALDIZ A., KURTOĞLU M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1076, pp.213-226, 2014 (Journal Indexed in SCI)

LIII. A novel azo-aldehyde and its Ni(II) chelate; synthesis, characterization, crystal structure and computational studies of 2-hydroxy-5-{{E}}-[4-(propan-2-yl)phenyl]diazonyl}benzaldehyde

Eren T., KÖSE M., SAYIN K., McKee V., KURTOĞLU M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1065, pp.191-198, 2014 (Journal Indexed in SCI)

LIV. Quantum chemical studies on the some inorganic corrosion inhibitors

SAYIN K., KARAKAŞ D.
CORROSION SCIENCE, vol.77, pp.37-45, 2013 (Journal Indexed in SCI)

LV. DFT and TD-DFT studies on copper(II) complexes with tripodal tetramine ligands

KARAKAŞ D., SAYIN K.
INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.52, no.4, pp.480-485, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

I. Modelling studies on the investigation of non-linear optical properties of some ExnBox Cyclophanes

SAYIN K., REZAEIVALA M.
Cumhuriyet Science Journal, vol.41, no.2, pp.344-350, 2020 (Refereed Journals of Other Institutions)

II. Structural, Spectral, Biological and Antioxidant Analyses of Baicalin and Its Vanadium Complexes: A DFT Study

SAYIN K., ÜNGÖRDÜ A.
Cumhuriyet Science Journal, vol.41, no.1, pp.11-21, 2020 (Refereed Journals of Other Institutions)

III. A Study of New benzo[d]thiazol Derivatives as Corrosion Inhibitors for Steel AISI 1035 in Acidic

JAFARI H., MOHSENFAR F., SAYIN K.
Moroccan Journal of Chemistry, vol.7, no.1, pp.36-47, 2019 (Refereed Journals of Other Institutions)

- IV. **Determination of The Best Method (HF, MP2 and B3LYP) in Calculation of Chemical Hardness**
Zaim Z., ALAGÖZ SAYIN T., SAYIN K., KARAKAŞ D.
Turkish Computational and Theoretical Chemistry, vol.2, no.2, pp.7-15, 2018 (Refereed Journals of Other Institutions)
- V. **Structural, spectroscopic and activity calculations on methanesulfonylhydrazone derivative chromium pentacarbonyl complexes**
ERKAN S., SAYIN K., KARAKAŞ D.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.5, no.3, pp.1193-1204, 2018 (Refereed Journals of Other Institutions)
- VI. **Computational Investigations on IR, UV-VIS and NMR Spectra of Copper(II) Phenanthroline Complexes with DFT Method**
SAYIN K.
Cumhuriyet Science Journal, vol.38, no.4, pp.661-673, 2017 (Other Refereed National Journals)
- VII. **Measuring Adsorption Behavior and Corrosion Inhibition of Trans and Cis of Di-(3-hydroxybenzaldehyde)-1,2-diaminocyclohexane**
JAFARI H., SAYIN K., MOHSENFAR F.
Journal of Bio- and Tribo-Corrosion, vol.3, no.4, pp.1-15, 2017 (Refereed Journals of Other Institutions)
- VIII. **Theoretical Investigation of Temperature Effect on the Formation of Sulphuric Acid Rain**
SAYIN K., KARAKAŞ D.
Turkish Computational and Theoretical Chemistry, vol.1, pp.11-16, 2017 (Refereed Journals of Other Institutions)
- IX. **Ab-Initio and DFT Calculations on Some Inorganic InhibitorsComputaional Study on Inorganic Corrosion Inhibitors**
SAYIN K., KARAKAŞ D.
Journal of new results in science, vol.6, no.1, pp.20-31, 2017 (Refereed Journals of Other Institutions)
- X. **Experimental and Computational Investigations of Decolourization of Rhodamine B in Aqueous Solution**
KARTAL TEMEL N., SAYIN K.
Hacettepe Journal of Biology and Chemistry, vol.45, no.3, pp.375-383, 2017 (Other Refereed National Journals)
- XI. **Theoretical Studies on Oxovanadium(IV) Complexes with Sterically Crowded Schiff Base Ligands**
KARAKAŞ D., SAYIN K.
Cumhuriyet Science Journal, vol.38, pp.1-12, 2017 (Refereed Journals of Other Institutions)
- XII. **SYNTHESIS, CRYSTAL STRUCTURES, HYDROGEN BONDING GRAPH-SETS AND THEORETICAL STUDIES OF NICKEL (plus II) CO-ORDINATIONS WITH PYRIDINE-2,6-DICARBOXAMIDE OXIME**
Hamdaoui A., Messai A., Benyza N., Lanez T., Sayin K.
JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES, vol.9, no.1, pp.183-205, 2017 (Journal Indexed in ESCI)
- XIII. **SYNTHESIS, QUANTUM CHEMICAL COMPUTATIONS AND X-RAY CRYSTALLOGRAPHIC STUDIES OF A NEW COMPLEX BASED OFMANGANESE (plus II)**
Benyza N., Messai A., Hamdaoui A., Lanez T., Sayin K.
JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES, vol.9, no.2, pp.770-789, 2017 (Journal Indexed in ESCI)
- XIV. **Investigation of Thermodynamic Parameters for Steel Corrosion in Acidic Solution in the Presence of N N Bis phloroacetophenone 1 2 propanediamine**
MOHSENFAR F., JAFARI H., SAYIN K.
Journal of Bio- and Tribo-Corrosion, vol.2, no.1, pp.1-13, 2016 (Refereed Journals of Other Institutions)
- XV. **Method and basis set investigation for trans platinum II oxime complex**
SAYIN K., KARAKAŞ D.
Cumhuriyet University Faculty of Science Science Journal (CSJ), vol.36, no.2, pp.1-10, 2015 (Refereed Journals of Other Institutions)
- XVI. **Method and Basis Set Investigation and Spectral Studies for Oximato Bridged trans Platinum II Dimer Used as Anticancer Drug**
SAYIN K., KARAKAŞ D.
Journal of New Results in Science, vol.8, pp.1-12, 2015 (Refereed Journals of Other Institutions)

- XVII. **Theoretical Studies on Eight Oxovanadium IV Complexes with Salicylaldehyde and Aniline Ligands**
ERKAN KARİPER S., SAYIN K., KARAKAŞ D.
Hacettepe Journal of Biology and Chemistry, vol.42, no.3, pp.337-342, 2014 (Other Refereed National Journals)
- XVIII. **Determination of structural and electronic properties of Ni NQSC 2 and Ni NQTS 2 complexes with DFT method**
SAYIN K., KARAKAŞ D.
Journal of New Results in Science, vol.2, no.2, pp.47-53, 2013 (Refereed Journals of Other Institutions)
- XIX. **Quantum chemical studies on Co ntb pic complex ion**
SAYIN K., KARAKAŞ D.
Journal of New Results in Science, vol.2, pp.54-59, 2013 (Refereed Journals of Other Institutions)
- XX. **Determination of structural and electronic properties of Ni(NQSC)2 and Ni(NQTS)2 complexes with DFT method**
SAYIN K., KARAKAŞ D.
Spectrochimica Acta Part A-Molecular And Biomolecular Spectroscopy, vol.2, pp.47-53, 2013 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Proton Pompa İnhibitörlerinin Kimyası**
ERKAN S., SAYIN K.
in: Her Yönüyle Proton Pompaları ve Proton Pompa İnhibitörleri, Hilmi Ataseven, Merve Ergül, Editor, Cumhuriyet Üniversitesi Yayınları, Sivas, pp.63-80, 2020
- II. **İn Siliko Çalışmalar**
Sayın K.
in: Her Yönüyle Kanser / Cancer In All Aspects, Ataseven Hilmi, Sayın Koray, Editor, Cumhuriyet Üniversitesi Yayınları, Sivas, pp.591-596, 2020
- III. **Proton Pompaların Fizikokimyasal Özellikleri**
SAYIN K., ERKAN S.
in: Her Yönüyle Proton Pompaları ve Proton Pompa İnhibitörleri, Hilmi Ataseven, Merve Ergül, Editor, Cumhuriyet Üniversitesi Yayınları, Sivas, pp.11-16, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **A comparative theoretical and spectroscopic study of aminomethylbenzoic acid derivatives as potential NLO candidates**
DIREM A., SAYIN K.
The 24th International Electronic Conference on Synthetic Organic Chemistry, Spain, 15 November 2020
- II. **Quantum Chemical Calculations on Manganese Complexes with Penta-Amine Macrocyclic Schiff Base Ligand: Computational and Molecular Docking**
ERKAN S., SAYIN K., KARAKAŞ D.
2nd International Conference on Physical Chemistry and Functional Materials, 25 - 27 June 2019
- III. **MOLECULAR DOCKING ANALYSES BETWEEN SAUCHINONE AND QUERCETIN AGAINST EPIDERMAL GROWTH FACTOR RECEPTOR IN LUNG CANCER**
Özaydın B. C., SAYIN K., ATASEVEN H.
I. International Cancer Days, 19 - 21 September 2019
- IV. **INVESTIGATIONS OF ANTICANCER PROPERTIES OF TWO ANTIOXIDANT COMPOUNDS, (2R)-3-(3,4-DIHYDROXYPHENYL)-2-[(E)-3-(3,4-DIHYDROXYPHENYL)PROP-2-ENOYL]OXYPROPANOIC ACID AND 6-HYDROXY-2,2-DIMETHYL-3-CHROMEN**
Nassif W., SAYIN K., ATASEVEN H.

- I. International Cancer Days, 19 - 21 September 2019
- V. **MORPHOLINE-BASED SCHIFF BASE COMPLEXES SYNTHESIS, CHARACTERIZATION AND CYTOTOXIC ACTIVITY**
REZAEIVALA M., ŞAHİN BÖLÜKBAŞI S., SAYIN K.
I. International Cancer Days, 19 - 21 September 2019
- VI. **INVESTIGATION OF EFFICIENCY OF CARMUSTINE AND LOMUSTINE AGAINST MELONOM CANCER (PDB ID: 5IXB)**
Özaydın B. C., SAYIN K., ATASEVEN H.
I. International Cancer Days, 19 - 21 September 2019
- VII. **Can B12N12 nanomaterial effective in the inhibiting of Vascular Endothelial Growth Factor Receptor 2 (VEGFR2)?**
Nassif W., SAYIN K., ATASEVEN H.
I. International Cancer Days, 19 - 21 September 2019
- VIII. **Determination of Biological Reactivity against Lung Cancer Cell and Investigations of NLO Properties of Ciprofloxacin-Boron Complexes**
SAYIN K., ERKAN S.
2nd International Conference on Physical Chemistry and Functional Materials, 25 - 27 June 2019
- IX. **Comparison of Biological Reactivity of Pantoprazole and Lansoprazole by Computational Chemistry Techniques**
SAYIN K., ATASEVEN H.
2nd International Conference on Physical Chemistry and Functional Materials, 25 - 27 June 2019
- X. **Quantum Chemical Calculations on Ag and Pb Complexes with Penta-Amine Macrocyclic Schiff Base Ligand: Computational and Molecular Docking Analyses**
SAYIN K., ERKAN S., KARAKAŞ D.
2nd International Conference on Physical Chemistry and Functional Materials, 25 - 27 June 2019
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SAYIN K., ATASEVEN H.
2nd International Conference on Physical Chemistry and Functional Materials, 25 - 27 June 2019
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1st International Ahi Evran Medicine Health Science Congress, Kırşehir, Turkey, 11 - 14 April 2019
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ÖZÇİFTÇİ H., ERKAN KARİPER S., SAYIN K., KARAKAŞ D.
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- International Conference on Physical Chemistry and Functional Materials, 19 - 21 June 2018
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SAYIN K., ÜNGÖRDÜ A., KARAKUŞ N.
- 2nd international mediterranean science and engineering congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017
- XXXI. **Mono-Azo Naftilamin Boyalarının İnhibisyon Mekanizmasının Belirlenmesi: Hesaplamalı Korozyon Çalışması**
SAYIN K., ÜNGÖRDÜ A., KARAKUŞ N.
- International Mediterranean Science and Engineering Congress (IMSEC 2017), 25 - 27 October 2017
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2nd International Gazi Pharma Symposium Series, 11 - 13 October 2017
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SAYIN K.
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International congress on chemistry and materials science, 5 - 07 October 2017, pp.215
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1st International Mediterranean Science and Engineering Congress, 26 October - 28 December 2016
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TURCMOS 2015, 13 - 18 September 2015
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Sayın K., Karakaş D., Karakuş N., Erkan Kariper S., Alagoz Sayın T.
II. International Turkish Congress on Molecular Spectroscopy, Antalya, Turkey, 13 - 18 September 2015
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- SAYIN K., KARAKAŞ D., KARAKUŞ N., SULTAN E. K.
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Chemical Physics Congress X, 10 - 12 October 2012
- LXVII. **The Investigation of Inhibition Efficiency Some Imidazole Derivatives Against Iron With Quantum Chemical Methods**
ERKAN KARİPER S., SAYIN K., KARAKAŞ D.
Chemical Physics Congress X, 10 - 12 October 2012

Citations

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