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Uluslararası Araştırmacı ID'leri

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Öğrenim Bilgisi

Doktora 2013 - 2016	Türkiye
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Yüksek Lisans 2010 - 2013	Türkiye
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Desteklenen Projeler

- Karakaş D., Erkan S., Yükseköğretim Kurumları Destekli Proje, Anti-kanser özelliği taşıyan siklometalat iridyum(III) kompleksleri üzerine yapısal, spektroskopik ve kuantum kimyasal hesaplamalar, 2016 - 2020
- Erkan S., Yükseköğretim Kurumları Destekli Proje, anti kanser özelliği taşıyan siklometalat iridyum III kompleksleri üzerine yapısal spektroskopik ve kuantum kimyasal hesaplamalar, 2016 - 2020
- Erkan S., Yükseköğretim Kurumları Destekli Proje, Thiosemikarbazan türevli organik bileşiklerin ve onların metal komplekslerinin yapısal, spektroskopik ve biyolojik aktivitelerinin hesaplamalı kimya metotları ile incelenmesi, 2018 - 2019
- Karakaş D., Erkan S., Sayın K., Yükseköğretim Kurumları Destekli Proje, Mer-[Ru(Cl-Ph-tpy)(N-N)(X)] Tipi Rutenyum (II) Komplekslerinin Yapısal, Elektronik ve Antikanser Özelliklerinin Hesaplamalı Kimya Yöntemleriyle Araştırılması, 2017 - 2019
- Karakaş D., Sayın K., Erkan S., Sayın T., Yükseköğretim Kurumları Destekli Proje, Mono- ve Bis-N-Heterosiklik Karbenli Ag(I) ve Pd(II) Komplekslerinin Yapısal, Spektral ve Antikanser Özelliklerinin Hesaplamalı Kimya Yöntemleriyle İncelenmesi, 2017 - 2018
- Karakaş D., Sayın K., Erkan S., Yükseköğretim Kurumları Destekli Proje, 2-pridil 2-primidin-4-karboksilik asit ligantlarını içeren Ru II komplekslerinin antitümör özellikleri üzerine teorik çalışma, 2014 - 2015

Ödüller

- Erkan S., üniversite birincilik ödülü, Cumhuriyet Üniversitesi, Haziran 2010

Jüri Üyelikleri

Doktora Yeterlik Sınavı, Doktora Yeterlik Sınavı, Fırat Üniversitesi, Mayıs, 2021

Doktora Yeterlik Snavı, Doktora Yeterlik Snavı, Fırat Üniversitesi, Mayıs, 2021

Doktora Yeterlik Snavı, Doktora Yeterlik Snavı, Fırat Üniversitesi, Mayıs, 2021

Doktora Yeterlik Snavı, Doktora Yeterlik Snavı, Kahramanmaraş Sütçü İmam Üniversitesi, Ekim, 2019

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- 1. Synthesis, spectroscopic and electronic structure analyses, DFT studies and molecular docking applications of isatin hydrazone derivatives**
ERKAN S., Yıldız C. A.
Journal of Molecular Structure, cilt.1327, 2025 (SCI-Expanded)
- 2. Copper(II) complexes with N,O-donor azo-Schiff base ligands: Synthesis, structure, DFT studies, molecular docking, anticancer and antimicrobial activity**
Kahraman S., Hepokur C., Erci F., ERKAN S., Cetin S., Kose M., Kurtoglu M.
Polyhedron, cilt.269, 2025 (SCI-Expanded)
- 3. Exploring the Antioxidant, Antimicrobial, Antidiabetic, and Anticancer Properties of Capsicum annum L. (Samandağ Pepper): Biochemical and In Silico Insights**
TUNÇ T., ÖZPINAR H., KOÇYIĞİT Ü. M., ERKAN S.
ChemistrySelect, cilt.9, sa.48, 2024 (SCI-Expanded)
- 4. New Cu (II) and Zn (II) metal chelates derived from azo-Schiff bases: Synthesis, DNA/BSA binding, anticancer activity and molecular docking studies**
Kahraman S., Gungor O., ERKAN S., Karagoz I. D., Kose M., Kurtoglu M.
Applied Organometallic Chemistry, cilt.38, sa.11, 2024 (SCI-Expanded)
- 5. Synthesis, crystal structure, Hirshfeld surface analyses, and DFT studies of (S)-2-(3,5-di-tert-butyl-4-hydroxyphenyl)-3,3-diethoxy-1-phenylpropan-1-one**
Khalilov A. N., Cisterna J., Cárdenas A., TÜZÜN B., ERKAN S., Gurbanov A. V., Brito I.
Journal of Molecular Structure, cilt.1313, 2024 (SCI-Expanded)
- 6. One-Pot Synthesis and Computational Investigation of New Bioactive Chromene Derivatives**
Bahe A., Mishra A., Pratibha P., BATIR G. G., ERKAN S., Shukla N., Kashaw S., Das R.
Russian Journal of General Chemistry, cilt.94, sa.8, ss.2088-2100, 2024 (SCI-Expanded)
- 7. Mononuclear and binuclear dioxidomolybdenum(VI) chelates derived from a tridentate ONO donor aroylhydrazone: Spectral, structural, DFT and in silico biological investigations**
Aravindakshan A. A., Mohan N., Kurup M. P., ERKAN S., BATIR G. G., Manoj E.
Polyhedron, cilt.256, 2024 (SCI-Expanded)
- 8. Spectroscopic, crystal structure and DFT-assisted studies of some nickel(II) chelates of a heterocyclic-based NNO donor aroylhydrazone: in vitro DNA binding and docking studies**
Nair Y., Joy F., Vinod T., Vineetha M., Kurup M. R. P., KAYA S., SERDAROĞLU G., ERKAN S.
Molecular Diversity, cilt.28, sa.2, ss.509-530, 2024 (SCI-Expanded)
- 9. The Anticancer Potentials of Substituted Indeno[1,2-b]quinoline Amines against HT29 and SW620: Experimental and In silico Approach**
Ökten S., AYDIN A., ERKAN S., Tutar A.
Letters in Drug Design and Discovery, cilt.21, sa.1, ss.143-151, 2024 (SCI-Expanded)
- 10. Assessing cytotoxic activities, theoretical and in silico molecular docking calculations of phthalocyanines bearing cinnamyloxy-groups**
Özten Ö., Kuznetsov A. E., GÖKÇE M., ERKAN S., Bulut E., TAŞKIN Ö. S., ZENGİN KURT B., Yıldız M. Z., Sobotta L., Güzel E.
Journal of Biomolecular Structure and Dynamics, cilt.42, sa.21, ss.11931-11941, 2024 (SCI-Expanded)
- 11. Bromination and conversion of tetrahydro-1H-indene to bisoxirane with a new approach: synthesis, structural characterization by spectroscopic and theoretical methods, and biological analysis supported by DFT and docking**
Yılmaz R. F., Erkan S., Ökten S., Tutar A., Şahin E.

TURKISH JOURNAL OF CHEMISTRY, cilt.47, sa.6, ss.1459-1478, 2023 (SCI-Expanded)

12. **Investigation of Antimicrobial Activities and Molecular Docking Studies of Synthesized Sulfonamide Compounds**
Ozbey G., Tanriverdi E., Şenkal B. F., Korkmaz B., ERKAN S., Bulut N., Zigo F., OTLU B.
Pharmaceutical Chemistry Journal, cilt.57, sa.9, ss.1394-1400, 2023 (SCI-Expanded)
13. **Modeling, spectroscopic structural properties of platinum-II complexes of 2-((phenylimino)methyl)phenolate-based ligands and research of nonlinear optical, organic light emitting diode and solar cell performances**
ERKAN S., KARAKAŞ D.
Materials Today Communications, cilt.37, 2023 (SCI-Expanded)
14. **In Silico and In Vitro Studies of Novel Azomethines on DNA Repair Genes in Gastric Cell Lines.**
Ozturk A., Agbektas T., Huseynzada A., Guliyev R., Ganbarova R., Hasanova U., Tas A., Erkan S., Zontul C., Inandiklioglu N., et al.
Life (Basel, Switzerland), cilt.13, sa.10, 2023 (SCI-Expanded)
15. **Synthesis, docking studies, in vitro cytotoxicity evaluation and DNA damage mechanism of new tyrosine-based tripeptides**
Çalışkan E., Kaplan A., Şekerci G., ÇAPAN İ., TEKİN S., ERKAN S., Koran K., SANDAL S., GÖRGÜLÜ A. O.
Journal of Biochemical and Molecular Toxicology, cilt.37, sa.8, 2023 (SCI-Expanded)
16. **Analysis of boronic acids containing amino ferrocene by DFT approach and in silico studies**
Muhammad U. S., ERKAN S., KAYA S.
Journal of Molecular Structure, cilt.1284, 2023 (SCI-Expanded)
17. **Investigation of substituent effect on rhenium complexes by DFT methods: Structural analysis, IR spectrum, quantum chemical parameter, NLO and OLED properties, molecular docking**
Yıldız C. A., Güney E., Nasif V., KARAKAŞ D., ERKAN S.
Journal of Molecular Structure, cilt.1278, 2023 (SCI-Expanded)
18. **Equilibrium and DFT modeling studies for the biosorption of Safranin O dye from water samples using Bacillus subtilis biosorbent**
ÇETİNKAYA S., KAYA S., Aksu A., ÇETİNTAŞ H. İ., Jalbani N. S., ERKAN S., Marzouki R.
Journal of Molecular Structure, cilt.1276, 2023 (SCI-Expanded)
19. **A series of phenanthroline-imine compounds: Computational, OLED properties and fluorimetric sensing of nitroaromatic compounds**
Kose A., ERKAN S., Tümer M.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, cilt.286, 2023 (SCI-Expanded)
20. **Chemical composition, antimicrobial activities, and molecular docking studies of Turkish propolis ethanol extract**
Ozbey G., Muz M. N., Tanriverdi E. S., ERKAN S., Bulut N., OTLU B., Zigo F.
Czech Journal of Food Sciences, cilt.41, sa.2, ss.144-154, 2023 (SCI-Expanded)
21. **Equilibrium and Computational Chemical Modelling Studies for the Removal of Methyl Orange and Methyl Red Dyes from Water Using Modified Silica Resin**
Junejo R., Shams Jalbani N., BATIR G. G., ERKAN S., Marzouki R., Memon S.
International Journal of Environmental Analytical Chemistry, cilt.103, sa.19, ss.8000-8016, 2023 (SCI-Expanded)
22. **Manganese(III) Acetate-Based Radical Cyclization Reactions for Pyranocoumarin and Pyranoquinoline Compounds: Synthesis, DFT and Molecular Docking Studies**
YAKUT M., YILMAZ M., Pekel T., ERKAN S., Katırcı R., Biçer E.
ChemistrySelect, cilt.7, sa.44, 2022 (SCI-Expanded)
23. **Synthesis, characterization, non-linear optical and DNA binding properties of a Schiff base ligand and its Cu(II) and Zn(II) complexes**
Kose A., Gungor O., Balli J. N., ERKAN S.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1268, 2022 (SCI-Expanded)
24. **Computational design and characterization of platinum-II complexes of some Schiff bases and investigation of their anticancer-antibacterial properties**

Kaya S., ERKAN S., KARAKAŞ D.

APPLIED ORGANOMETALLIC CHEMISTRY, cilt.36, sa.9, 2022 (SCI-Expanded)

25. **Synthesis of New Cinnamoyl-Amino Acid Conjugates and in Vitro Cytotoxicity and Genotoxicity Studies**
Caliskan E., Ozturk D. A., KORAN K., TEKİN S., SANDAL S., ERKAN S., GÖRGÜLÜ A. O., ÇETİN A.
CHEMISTRY & BIODIVERSITY, cilt.19, sa.8, 2022 (SCI-Expanded)
26. **Potential thiosemicarbazone-based enzyme inhibitors: Assessment of antiproliferative activity, metabolic enzyme inhibition properties, and molecular docking calculations**
Yakan H., KOÇYİĞİT Ü. M., Muglu H., ERGÜL M., ERKAN S., Guzel E., Taslimi P., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.36, sa.5, 2022 (SCI-Expanded)
27. **Determination of structural, spectral, computational and OLED properties of Ex2.2Box2+ Cyclophane and its derivatives: Experimental and computational study**
SAYIN K., Rezaeivala M., ERKAN S., Güney E.
Journal of Molecular Structure, cilt.1253, 2022 (SCI-Expanded)
28. **Synthesis, spectral characterization, chemical reactivity and anticancer behaviors of some novel hydrazone derivatives: Experimental and theoretical insights**
ÇAKMAK R., Basaran E., KAYA S., ERKAN S.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1253, 2022 (SCI-Expanded)
29. **A new 3-substituted BODIPY dye: Synthesis, crystal structure, photophysical, non-linear optic and OLED properties**
Kirpik H., ERKAN S., KÖSE M.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1252, 2022 (SCI-Expanded)
30. **Synthesis, photophysical, electrochemical, and DFT examinations of two new organic dye molecules based on phenothiazine and dibenzofuran**
Periyasamy K., Sakthivel P., Venkatesh G., Anbarasan P. M., Vennila P., Mary Y. S., Kaya S., ERKAN S.
JOURNAL OF MOLECULAR MODELING, cilt.28, sa.2, 2022 (SCI-Expanded)
31. **N-substituted benzenesulfonamide compounds: DNA binding properties and molecular docking studies**
Gungor S. A., TÜMER M., KÖSE M., ERKAN S.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.40, sa.16, ss.7424-7438, 2022 (SCI-Expanded)
32. **Phthalocyanine complexes with (4-isopropylbenzyl)oxy substituents: preparation and evaluation of anti-carbonic anhydrase, anticholinesterase enzymes and molecular docking studies**
Guzel E., KOÇYİĞİT Ü. M., Taslimi P., GÜLÇİN İ., ERKAN S., NEBİOĞLU M., Arslan B. S., ŞİŞMAN İ.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.40, sa.2, ss.733-741, 2022 (SCI-Expanded)
33. **Effect of hydrocarbon chain length for acid corrosion inhibition of mild steel by three 8-(n-bromo-R-alkoxy)quinoline derivatives: Experimental and theoretical investigations**
Erkan S., Tazouti A., Errahmany N., Rbaa M., Galai M.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1244, ss.130976-130997, 2021 (SCI-Expanded)
34. **Halogens effect on spectroscopy, anticancer and molecular docking studies for platinum complexes**
Khalid H. H., ERKAN S., BULUT N.
OPTİK, cilt.244, 2021 (SCI-Expanded)
35. **Application of pyrrolidinomethylcalix[4]arene coated silica adsorbent for the removal of Chicago sky blue 6B dye from water samples: Equilibrium and computational modelling studies**
Junejo R., Jalbani N. S., KAYA S., ERKAN S., Ebenso E. E.
SUPRAMOLECULAR CHEMISTRY, cilt.33, sa.10, ss.586-597, 2021 (SCI-Expanded)
36. **Biologically active phthalocyanine metal complexes: Preparation, evaluation of alpha-glycosidase and anticholinesterase enzyme inhibition activities, and molecular docking studies**
Guzel E., KOÇYİĞİT Ü. M., Taslimi P., ERKAN S., Taskin O. S.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, cilt.35, sa.6, ss.1-9, 2021 (SCI-Expanded)
37. **In-Vitro Anticancer and Antibacterial Activities of Brominated Indeno[1,2-b]quinoline Amines Supported with Molecular Docking and MCDM****

- Aydin A., Okten S., ERKAN S., Bulut M., ÖZCAN E., TUTAR A., EREN T.
CHEMISTRYSELECT, cilt.6, sa.13, ss.3286-3295, 2021 (SCI-Expanded)
38. **Experimental and theoretical study of new Schiff bases based on imidazo(1,2-a)pyridine as corrosion inhibitor of mild steel in 1M HCl**
El Aattiaoui A., Koudad M., Chelfi T., ERKAN S., Azzouzi M., Aouniti A., Savas K., Kaddouri M., Benchat N., Oussaid A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1226, 2021 (SCI-Expanded)
39. **Chemically modified guar gum and ethyl acrylate composite as a new corrosion inhibitor for reduction in hydrogen evolution and tubular steel corrosion protection in acidic environment**
Singh A., Ansari K. R., Quraishi M. A., KAYA S., ERKAN S.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.46, sa.14, ss.9452-9465, 2021 (SCI-Expanded)
40. **Quantum chemical and molecular dynamic simulation studies for the identification of the extracted cinnamon essential oil constituent responsible for copper corrosion inhibition in acidified 3.0 wt% NaCl medium**
Dahmani K., Galai M., Ouakki M., Cherkaoui M., Touir R., Erkan S., Kaya S., El Ibrahim B.
INORGANIC CHEMISTRY COMMUNICATIONS, cilt.124, 2021 (SCI-Expanded)
41. **Equilibrium, thermodynamic, and density functional theory modeling studies for the removal of dichromate ions from wastewater using calix[4]arene modified silica resin**
Junejo R., Jalbani N. S., Memon S., KAYA S., ERKAN S., SERDAROĞLU G., Palabiyik I. M.
Journal of Chemical and Engineering Data, cilt.66, ss.379-388, 2021 (SCI-Expanded)
42. **Computational investigation of molecular structures, spectroscopic properties and antitumor-antibacterial activities of some Schiff bases**
Kaya S., ERKAN S., KARAKAŞ D.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.244, 2021 (SCI-Expanded)
43. **Spectral analysis and DFT investigation of some benzopyran analogues and their self-assemblies with graphene**
Al-Otaibi J. S., Mary Y. S., Mary Y. S., KAYA S., ERKAN S.
JOURNAL OF MOLECULAR LIQUIDS, cilt.317, 2020 (SCI-Expanded)
44. **Quinoline-based promising anticancer and antibacterial agents, and some metabolic enzyme inhibitors**
Okten S., Aydin A., KOÇYİĞİT Ü. M., Cakmak O., ERKAN S., Andac C. A., Taslimi P., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, cilt.353, sa.9, 2020 (SCI-Expanded)
45. **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, cilt.74, sa.8, ss.2415-2425, 2020 (SCI-Expanded)
46. **Synthesis, Antiproliferative and Cytotoxic Activities, DNA Binding Features and Molecular Docking Study of Novel Enamine Derivatives**
Gurdere M. B., Aydin A., Yencilek B., Erturk F., Ozbek O., ERKAN S., Budak Y., CEYLAN M.
CHEMISTRY & BIODIVERSITY, cilt.17, sa.7, 2020 (SCI-Expanded)
47. **Benzaldehyde derivatives with functional propargyl groups as alpha-glucosidase inhibitors**
Gungor S. A., TÜMER M., KÖSE M., ERKAN S.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1206, 2020 (SCI-Expanded)
48. **Antiproliferative Evaluation of Some 2-[2-(2-Phenylethenyl)-cyclopent-3-en-1-yl]-1,3-benzothiazoles: DFT and Molecular Docking Study**
Ceylan M., ERKAN S., YAĞLIOĞLU A. Ş., Uremis N. A., Koc E.
CHEMISTRY & BIODIVERSITY, cilt.17, sa.4, 2020 (SCI-Expanded)
49. **A theoretical study on cyclometalated iridium (III) complexes by using a density functional theory**
ERKAN S., KARAKAŞ D.
JOURNAL OF THEORETICAL & COMPUTATIONAL CHEMISTRY, cilt.19, sa.2, 2020 (SCI-Expanded)
50. **Theoretical and Experimental Spectroscopic Properties and Molecular Docking of F8BT p-Type**

Semiconducting Polymer

ERKAN S.

RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A, cilt.94, sa.2, ss.445-452, 2020 (SCI-Expanded)

51. **Computational investigation of structural, nonlinear optical and anti-tumor properties of dinuclear metal carbonyls bridged by pyridyl ligands with alkyne unit**
Erkan S., Karakaş D.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1199, 2020 (SCI-Expanded)
52. **Evaluation of carbonic anhydrase and paraoxonase inhibition activities and molecular docking studies of highly water-soluble sulfonated phthalocyanines**
Guzel E., Sonmez F., ERKAN S., Cikrikci K., Ergun A., Gencer N., Arslan O., Koçak M.
TURKISH JOURNAL OF CHEMISTRY, cilt.44, sa.6, ss.1565-1577, 2020 (SCI-Expanded)
53. **Structural, spectral characterization and molecular docking analyses of mer-ruthenium (II) complexes containing the bidentate chelating ligands**
Erkan S., Kaya S., Sayın K., Karakaş D.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.224, 2020 (SCI-Expanded)
54. **DFT investigation and molecular docking studies on dinuclear metal carbonyls containing pyridyl ligands with alkyne unit**
Erkan S., Karakaş D.
CHEMICAL PAPERS, cilt.73, ss.2387-2398, 2019 (SCI-Expanded)
55. **Activity of the rocuronium molecule and its derivatives: A theoretical calculation**
ERKAN KARİPER S.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1189, ss.257-264, 2019 (SCI-Expanded)
56. **Computational study of some fluoroquinolones: Structural, spectral and docking investigations**
SAYIN K., KARAKAŞ D., ERKAN KARİPER S., Sayin T. A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1156, ss.172-181, 2018 (SCI-Expanded)
57. **Pamoic acid esters and their xanthene derivatives: Flourimetric detection of nitroaromatic compounds and non-linear optical properties**
Gungor S. A., Sahin I., Gungor O., ERKAN KARİPER S., TÜMER F., KÖSE M.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.255, ss.3344-3354, 2018 (SCI-Expanded)
58. **Multi-properties of a new azo-Schiff base and its binuclear copper(II) chelate: Preparation, spectral characterization, electrochemical, potentiometric and modeling studies**
Sarigul M., ERKAN KARİPER S., DEVECİ P., Atabey H., KARAKAŞ D., KURTOĞLU M.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1149, ss.520-529, 2017 (SCI-Expanded)
59. **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, cilt.1149, ss.473-486, 2017 (SCI-Expanded)
60. **The new O, O and N, O type ligands and their Cu(II) and Ni(II) complexes: Crystal structure, absorption-emission properties and superoxide dismutase mimetic studies**
Kose R., Gungor S. A., ERKAN KARİPER S., KÖSE M., KURTOĞLU M.
INORGANICA CHIMICA ACTA, cilt.462, ss.130-141, 2017 (SCI-Expanded)
61. **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, cilt.90, ss.139-146, 2015 (SCI-Expanded)
62. **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, cilt.133, ss.348-356, 2014 (SCI-Expanded)
63. **Theoretical investigation on the vibrational and electronic spectra of three isomeric forms of**

dicobalt octacarbonyl

KARAKAŞ D., ERKAN KARİPER S.

JOURNAL OF MOLECULAR STRUCTURE, cilt.1062, ss.77-81, 2014 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- 1. Investigation of Anticancer Properties of 2-benzylidene-1-indanone and Its Derivatives by DFT and Molecular Docking**
Yildiz C. A., ERKAN S.
Turkish Computational and Theoretical Chemistry, cilt.8, sa.2, ss.101-109, 2024 (Scopus)
- 2. Investigation of Antiviral Activities of Nickel and Copper Complexes with Macrocyclic Ligands against Crimean-Congo Hemorrhagic Fever by In Silico Calculations**
ERKAN S., BULUT N., KARAKAŞ D.
CUMHURİYET SCIENCE JOURNAL, cilt.44, 2023 (Hakemli Dergi)
- 3. Investigation of the Effect of Main Components of Wild Thyme on Covid-19 by Computational Methods**
KAYA S., ERKAN S., KARAKAŞ D.
CUMHURİYET SCIENCE JOURNAL, cilt.44, 2023 (Hakemli Dergi)
- 4. Computational Structure Characterization of 1,2,3-Selendiazole Isomers, Investigation of Some Molecular Properties and Biological Activities**
ERKAN S., dikiyol d. c.
CUMHURİYET SCIENCE JOURNAL, cilt.43, sa.2, ss.246-256, 2022 (Hakemli Dergi)
- 5. LIGHT-EMITTING PROPERTIES OF PYRIMIDINE-5-CARBONITRILE DERIVATIVES AND DIFFERENTLY SUBSTITUTED CARBAZOLES: A THEORETICAL CALCULATION**
KARAKOYUN N., ERKAN S.
International Journal of Innovative Engineering Applications, cilt.6, sa.1, ss.55-58, 2022 (Hakemli Dergi)
- 6. Investigations of structural, spectral (IR and NMR) and in silico analyses of boron compounds as SERM inhibitor**
KAYA S., SAYIN K., ERKAN S., KARAKAŞ D.
Chemical Data Collections, cilt.37, 2022 (Hakemli Dergi)
- 7. The Effect of Electron Donor and Withdrawing Groups Attached to 1,2,3- Selendiazole Based Compounds on Anti-Cancer Properties**
Erkan S., Usman Sani U. S.
Journal of Physical Chemistry and Functional Materials, cilt.4, sa.1, ss.17-23, 2021 (Hakemli Dergi)
- 8. Structural, Spectroscopic and Anti-cancer Properties of Hydroxy- and Sulfonamide-Azobenzene Platinum (II) Complexes: DFT and Molecular Docking Studies**
ERKAN KARİPER S.
Cumhuriyet Science Journal, cilt.39, sa.4, ss.1036-1051, 2018 (Hakemli Dergi)
- 9. 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, cilt.5, sa.3, ss.1193-1204, 2018 (Scopus)
- 10. Spectroscopic and Quantum Chemical Studies on Some β -Lactam Inhibitors**
ERKAN KARİPER S.
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H-İndeks (Scopus): 18

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Araştırma Alanları

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