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Uluslararası Araştırmacı ID'leri

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Yoksis Araştırmacı ID: 257661

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

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

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

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- 1. 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)
- 2. 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)
- 3. 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)
- 4. 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)
- 5. 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)
- 6. Assessing cytotoxic activities, theoretical and in silico molecular docking calculations of phthalocyanines bearing cinnamyl 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)
- 7. 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)
- 8. 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)
- 9. 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)
- 10. 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)
- 11. 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.,

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Life (Basel, Switzerland), cilt.13, sa.10, 2023 (SCI-Expanded)

12. **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)
13. **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)
14. **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)
15. **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)
16. **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)
17. **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)
18. **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)
19. **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)
20. **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)
21. **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)
22. **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)
23. **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)
24. **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)
25. **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.  
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26. **A new 3-substituted BODIPY dye: Synthesis, crystal structure, photophysical, non-linear optic and OLED properties**  
Kirpik H., ERKAN S., KÖSE M.  
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27. **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)
28. **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)
29. **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)
30. **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)
31. **Halogens effect on spectroscopy, anticancer and molecular docking studies for platinum complexes**  
Khalid H. H., ERKAN S., BULUT N.  
OPTIK, cilt.244, 2021 (SCI-Expanded)
32. **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)
33. **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)
34. **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)
35. **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 Aatiaoui 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)
36. **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., Tourir R., Erkan S., Kaya S., El Ibrahim B.  
INORGANIC CHEMISTRY COMMUNICATIONS, cilt.124, 2021 (SCI-Expanded)
37. **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)

38. **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)

39. **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)

40. **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)

41. **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)

42. **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)

43. **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)

44. **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)

45. **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)

46. **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)

47. **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)

48. **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)

49. **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, cilt.224, 2020 (SCI-Expanded)

50. **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)
51. **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)
52. **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)
53. **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)
54. **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)
55. **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., Atabay H., KARAKAŞ D., KURTOĞLU M.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.1149, ss.520-529, 2017 (SCI-Expanded)
56. **Theoretical study on the antitumor properties of Ru(II) complexes containing 2-pyridyl, 2-pyridine-4-carboxylic acid ligands**  
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JOURNAL OF MOLECULAR STRUCTURE, cilt.1149, ss.473-486, 2017 (SCI-Expanded)
57. **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)
58. **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.  
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59. **Theoretical spectroscopic study of seven zinc(II) complex with macrocyclic Schiff-base ligand**  
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60. **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., dıkyol 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.  
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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**  
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9. **Structural, spectroscopic and activity calculations on methanesulfonylhydrazone derivative chromium pentacarbonyl complexes**  
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10. **Spectroscopic and Quantum Chemical Studies on Some  $\beta$ -Lactam Inhibitors**  
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11. **Theoretical Studies on Eight Oxovanadium IV Complexes with Salicylaldehyde and Aniline Ligands**  
ERKAN KARİPER S., SAYIN K., KARAKAŞ D.  
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Yükseköğretim Kurumları Destekli Proje, BAP Araştırma Projesi, Kahramanmaraş Sütçü İmam Üniversitesi, Türkiye, Aralık 2019  
Turkish Computational and Theoretical Chemistry , Diğer İndekslerce Taranan Dergi, Kasım 2019  
Cumhuriyet Science Journal, Hakemli Bilimsel Dergi, Kasım 2019  
CHEMICAL PAPERS, SCI Kapsamındaki Dergi, Haziran 2019

## Etkinlik Organizasyonlarındaki Görevler

Erkan S., 2nd International Conference on Physical Chemistry & Functional Materials, Bilimsel Kongre / Sempozyum Organizasyonu, Nevşehir, Türkiye, Haziran 2019

## Metrikler

Yayın: 157

Atıf (WoS): 969

Atıf (Scopus): 969

H-İndeks (WoS): 18

H-İndeks (Scopus): 18

## Kongre ve Sempozyum Katılımı Faaliyetleri

International Energy Days 2022, Moderatör, Sivas, Türkiye, 2022

5th International Conference on Physical Chemistry & Functional Materials, Moderatör, Sivas, Türkiye, 2022

1. ULUSLARARASI KANSER GÜNLERİ, Panelist, Sivas, Türkiye, 2019

2nd International Conference on Physical Chemistry & Functional Materials, Moderatör, Elazığ, Türkiye, 2019

## Davetli Konuşmalar

Investigation of Structural, Spectroscopic, Optical Properties and Catalytic Activities of Some Dinuclear Metal Carbonyls Containing Pyridyl Ligands with Alkyne Unit by Using Quantum Chemical Calculations, Konferans, 2nd International Conference on Catalysis and Chemical Engineering, Fransa, Şubat 2018

## Araştırma Alanları

Biyoinorganik Kimya, Organometalik Kimya