

Kişisel Bilgiler

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Yönetilen Tezler

- TÜRKER B. L., Molecular modelling of some explosives and propellants, Doktora, S.VARIŞ(Öğrenci), 2013
- TÜRKER B. L., Molecular design of some potential explosives, Doktora, T.ATLAR(Öğrenci), 2009
- TÜRKER B. L., Investigation of novel topological indices and their applications in organic chemistry, Doktora, S.GÜMÜŞ(Öğrenci), 2009
- TÜRKER B. L., A comparative study on chemical characterization of different ink ingredients used in ancient ornamented manuscripts, Yüksek Lisans, E.MERT(Öğrenci), 2008
- TÜRKER B. L., A computational study on nitrotriazine derivatives, Yüksek Lisans, Y.ÇAMUR(Öğrenci), 2008
- TÜRKER B. L., Bazı tarihi binaların sıvalarının arkeometrik yöntemlerle incelenmesi, Yüksek Lisans, B.Devrim(Öğrenci), 2007
- TÜRKER B. L., Studies on selective adsorption of aqueous glucose or fructose on various cationic forms of zeolite Y, Yüksek Lisans, S.BORA(Öğrenci), 2006
- TÜRKER B. L., Investigations of new horizons on H₂/O₂ proton exchange membrane fuel cells, Yüksek Lisans, A.ÖZGÜR(Öğrenci), 2003
- TÜRKER B. L., Sodium, calcium, magnesium and hydrogen forms of zeolite Y for the adsorption of glucose and fructose from aqueous solutions, Yüksek Lisans, M.HEPER(Öğrenci), 2002
- TÜRKER B. L., 1,3-dipolar cycloaddition reactions of some 3-aryl-phthalazinium-1-olates, Yüksek Lisans, Ö.DİLEK(Öğrenci), 2001
- TÜRKER B. L., Synthesis and reactions of some benzofuroxars, Yüksek Lisans, E.DURA(Öğrenci), 1999
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- TÜRKER B. L., 1,3-dipolar cycloaddition reactions of various mesomeric betaines, Yüksek Lisans, C.ORHUN(Öğrenci), 1991
- TÜRKER B. L., A Study on the sex pheromone of greater wax moth, galleria mellonella, Yüksek Lisans, M.ÖZER(Öğrenci), 1989

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Interaction of TATB with Cu and Cu+1. A DFT study**
TÜRKER B. L.
DEFENCE TECHNOLOGY, cilt.15, sa.1, ss.27-37, 2019 (SCI-Expanded)
- II. **On the Possibility of Endohedrally Helium-doped TEX - A DFT Treatment**
TÜRKER B. L.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.644, sa.18, ss.1096-1102, 2018 (SCI-Expanded)

- III. **Effect of magnesium on FOX-7 and its tautomers-A DFT treatment**
TÜRKER B. L.
DEFENCE TECHNOLOGY, cilt.14, sa.3, ss.179-187, 2018 (SCI-Expanded)
- IV. **Chromium Bis(anthracene-(6)) Complexes - A DFT Study**
TÜRKER B. L.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.644, sa.6, ss.330-336, 2018 (SCI-Expanded)
- V. **A DFT study on TNGU isomers and aluminized cis-TNGU composites**
TÜRKER B. L.
DEFENCE TECHNOLOGY, cilt.14, sa.2, ss.109-118, 2018 (SCI-Expanded)
- VI. **Contemplation on some cyclic N-8 isomers-A DFT treatment**
TÜRKER B. L.
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- VII. **Furoxan Derivatives of Pyrene - A DFT Study**
TÜRKER B. L.
POLYCYCLIC AROMATIC COMPOUNDS, cilt.38, sa.3, ss.257-271, 2018 (SCI-Expanded)
- VIII. **Structurally modified RDX - A DFT study**
TÜRKER B. L., Varis S.
DEFENCE TECHNOLOGY, cilt.13, sa.6, ss.385-391, 2017 (SCI-Expanded)
- IX. **Destructive effect of magnesium and calcium atoms on TEX**
TÜRKER B. L.
DEFENCE TECHNOLOGY, cilt.13, sa.5, ss.367-375, 2017 (SCI-Expanded)
- X. **Trans-dinitroglycoluril isomers-A DFT treatment**
TÜRKER B. L.
DEFENCE TECHNOLOGY, cilt.13, sa.1, ss.6-15, 2017 (SCI-Expanded)
- XI. **Thermobaric and enhanced blast explosives (TBX and EBX)**
TÜRKER B. L.
DEFENCE TECHNOLOGY, cilt.12, sa.6, ss.423-445, 2016 (SCI-Expanded)
- XII. **Interaction of ADN with some group II and III elements**
TÜRKER B. L.
INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, cilt.55, sa.11, ss.1334-1341, 2016 (SCI-Expanded)
- XIII. **Azo-bridged triazoles: Green energetic materials**
TÜRKER B. L.
DEFENCE TECHNOLOGY, cilt.12, sa.1, ss.1-15, 2016 (SCI-Expanded)
- XIV. **Instability of CL-20 exposed to the effects of alpha-particle**
TÜRKER B. L.
INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, cilt.54, sa.7, ss.858-866, 2015 (SCI-Expanded)
- XV. **Directional Interactions of alpha-Particles with FOX-7. A DFT Study**
TÜRKER B. L.
PROPELLANTS EXPLOSIVES PYROTECHNICS, cilt.40, sa.2, ss.180-184, 2015 (SCI-Expanded)
- XVI. **On the Possibility of Autoxidation of TEX - A DFT Study**
TÜRKER B. L., Varis S.
PROPELLANTS EXPLOSIVES PYROTECHNICS, cilt.40, sa.1, ss.81-87, 2015 (SCI-Expanded)
- XVII. **Interaction of TNT and Aluminum - A DFT Treatment**
TÜRKER B. L.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.641, sa.2, ss.408-413, 2015 (SCI-Expanded)
- XVIII. **Interaction of an alpha-Particle with TATB**
TÜRKER B. L., Varis S.
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- XIX. **JP-900 Hydroperoxidation and Decomposition**

- TÜRKER B. L., Varis S.
PROPELLANTS EXPLOSIVES PYROTECHNICS, cilt.39, sa.2, ss.211-216, 2014 (SCI-Expanded)
- XX. **Possible Complex between TNT and Epinephrine - A DFT Study**
TÜRKER B. L., Varis S.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.640, sa.2, ss.334-338, 2014 (SCI-Expanded)
- XXI. **Nitro Derivatives of Parabanic Acid as Potential Explosives: A Theoretical Study**
TÜRKER B. L., Varis S.
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- XXII. **Contemplation on the Protonation of TEX**
TÜRKER B. L.
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- XXIII. **Novel RDX-Based Cage and Cage-Like Nitramines**
TÜRKER B. L., Bayar C. C., Turhan H.
JOURNAL OF ENERGETIC MATERIALS, cilt.31, sa.4, ss.287-300, 2013 (SCI-Expanded)
- XXIV. **A DFT Study on Estrone - TNT Interaction**
TÜRKER B. L., Bayar C. C.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.639, sa.10, ss.1871-1875, 2013 (SCI-Expanded)
- XXV. **Prediction of Explosive Performance Properties of z- DBBD and Its Isomers by Quantum Chemical Computations**
TÜRKER B. L., Varis S.
JOURNAL OF ENERGETIC MATERIALS, cilt.31, sa.3, ss.203-216, 2013 (SCI-Expanded)
- XXVI. **Effects of Epoxidation and Nitration on Ballistic Properties of FOX-7 A DFT Study**
TÜRKER B. L., Varis S.
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- XXVII. **A theoretical study of JP-10 hydroperoxidation**
TÜRKER B. L., Varis S., Bayar C. C.
FUEL, cilt.104, ss.128-132, 2013 (SCI-Expanded)
- XXVIII. **DFT study of tautomerism in aklavinone**
Turker B. L.
TURKISH JOURNAL OF CHEMISTRY, cilt.37, sa.4, ss.547-557, 2013 (SCI-Expanded)
- XXIX. **A Computational View of PATO and its Tautomers**
TÜRKER B. L., Bayar C. C.
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- XXX. **A Model Study on the Possible Effects of an External Electrical Field on Enzymes Having Dinuclear Iron Cluster [2Fe-2S]**
TÜRKER B. L.
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- XXXI. **Borazine-Embedded Coronene-A DFT Study**
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- XXXII. **Tautomerism in 11-Hydroxyaklavinone: A DFT Study**
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- XXXIII. **Interaction between TNT and Melatonin-DFT Treatment**
TÜRKER B. L., Atalar T.
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- XXXIV. **NTO-Picryl Constitutional Isomers-A DFT Study**
TÜRKER B. L., Bayar C. C.
JOURNAL OF ENERGETIC MATERIALS, cilt.30, sa.1, ss.72-96, 2012 (SCI-Expanded)
- XXXV. **Isomeric Structures of Furoxan-Fused [2,2]paracyclophane-A DFT Study**

- TÜRKER B. L., Gümüş S.
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- XXXVI. **A Trigonometric Approach to a Limiting Law on Detonation Velocity**
TÜRKER B. L.
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- XXXVII. **Desensitization of TNAZ via Molecular Structure Modification and Explosive Properties - A DFT Study**
TÜRKER B. L., Varis S.
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- XXXVIII. **A novel molecular descriptor, TG index, for calculating the detonation properties of explosives**
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- XXXIX. **Isomerization of 4,6-Dinitrobenzofuroxan A DFT Study**
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- XL. **A First-Order Linear Model for the Estimation of Detonation Velocity**
TÜRKER B. L.
JOURNAL OF ENERGETIC MATERIALS, cilt.29, sa.1, ss.7-25, 2011 (SCI-Expanded)
- XL I. **A DFT Study on Push-Pull (Amino-Nitro) Fulminenes and Hexahelicenes**
TÜRKER B. L., Bayar C. C., Balaban A. T.
POLYCYCLIC AROMATIC COMPOUNDS, cilt.30, sa.2, ss.91-111, 2010 (SCI-Expanded)
- XLII. **A DFT Study on Benzotrifuroxan and its Isomers**
TÜRKER B. L.
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- XLIII. **A DFT Study on Nitro Derivatives of Pyridine**
TÜRKER B. L., Gumus S., Atalar T.
JOURNAL OF ENERGETIC MATERIALS, cilt.28, sa.2, ss.139-171, 2010 (SCI-Expanded)
- XLIV. **Structural and Molecular Orbital Studies of Si-Phenyl Silanthracenes**
TÜRKER B. L., Gumus S.
POLYCYCLIC AROMATIC COMPOUNDS, cilt.30, sa.2, ss.61-74, 2010 (SCI-Expanded)
- XLV. **Velocity of Detonation-A Mathematical Model**
TÜRKER B. L.
ACTA CHIMICA SLOVENICA, cilt.57, sa.2, ss.288-296, 2010 (SCI-Expanded)
- XLVI. **Contemplation on spark sensitivity of certain nitramine type explosives**
TÜRKER B. L.
JOURNAL OF HAZARDOUS MATERIALS, cilt.169, ss.454-459, 2009 (SCI-Expanded)
- XLVII. **Tunneling effect and impact sensitivity of certain explosives**
TÜRKER B. L.
JOURNAL OF HAZARDOUS MATERIALS, cilt.169, ss.819-823, 2009 (SCI-Expanded)
- XLVIII. **A DFT study on nitrotriazines**
TÜRKER B. L., Atalar T., Gumus S., Camur Y.
JOURNAL OF HAZARDOUS MATERIALS, cilt.167, ss.440-448, 2009 (SCI-Expanded)
- XLIX. **A theoretical study on vomitoxin and its tautomers**
TÜRKER B. L., Guemues S.
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- L. **Computational studies on nitratoethylnitramine (NENA), its tautomers and charged forms**
TÜRKER B. L., Atalar T.
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- LI. **A COMPUTATIONAL STUDY ON SOME SELENIUM-CONTAINING NAPHTHALENE DERIVATIVES**

- TÜRKER B. L.
POLYCYCLIC AROMATIC COMPOUNDS, cilt.29, sa.5, ss.315-332, 2009 (SCI-Expanded)
- LII. **A REVIEW OF POLYCYCLIC AROMATIC ENERGETIC MATERIALS**
TÜRKER B. L., Varis S.
POLYCYCLIC AROMATIC COMPOUNDS, cilt.29, sa.4, ss.228-266, 2009 (SCI-Expanded)
- LIII. **ELECTROLUMINESCENT PROPERTIES OF CERTAIN POLYAROMATIC COMPOUNDS: PART 2-ORGANIC EMITTERS**
TÜRKER B. L., Tapan A., Gumus S.
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- LIV. **DFT Studies on eta(6)-Coronene-Cr(CO)(3) Complexes**
TÜRKER B. L., Guemues S.
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- LV. **Structure-Impact Sensitivity Relation of Certain Explosive Compounds**
TÜRKER B. L.
JOURNAL OF ENERGETIC MATERIALS, cilt.27, sa.2, ss.94-109, 2009 (SCI-Expanded)
- LVI. **ELECTROLUMINESCENT PROPERTIES OF CERTAIN POLYAROMATIC COMPOUNDS: PART 1-CHARACTERISTICS OF OLED DEVICES BASED ON FLUORESCENT POLYAROMATIC DOPANTS**
TÜRKER B. L., Tapan A., Gumus S.
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- LVII. **A THEORETICAL STUDY ON SOME (1,4)CYCLOPHANES**
TÜRKER B. L., Gumus S.
POLYCYCLIC AROMATIC COMPOUNDS, cilt.29, sa.2, ss.103-122, 2009 (SCI-Expanded)
- LVIII. **Ab initio and dft studies on certain eta(6)-Anthraquinone-Cr(CO)(3) complexes**
TÜRKER B. L., Gumus S.
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- LIX. **A theoretical study on nitrourea and its tautomers**
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- LX. **Positional effect of nitrogen substitution on a certain perylene chromophore - A semiempirical treatment**
TÜRKER B. L., Gumus S.
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- LXI. **Ab initio and density functional theory studies on nitrosoketene tautomers**
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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **A DFT study on disubstituted R-hexahelicenes having donor/acceptor groups**
TÜRKER B. L., Bayar C. C.
International Conference on Computational Science (ICCS), Amsterdam, Hollanda, 31 Mayıs - 02 Haziran 2010, cilt.1, ss.1149-1158

Desteklenen Projeler

TÜRKER B. L., ÇALIŞGAN G., AKDAĞ A., ÖZTÜRK P., Yükseköğretim Kurumları Destekli Proje, Hexanitrostilbene sentezinin teorik ve deneysel incelenmesi, 2016 - 2016

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