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Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 2002 - 2006

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), Turkey 1990 - 1993

Undergraduate, Ondokuz Mayıs University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey 1986 - 1990

Dissertations

Doctorate, X-IŞINI KIRINIMI YÖNTEMİ İLE C₂₃H₂₁ClO₄, C₁₀H₈N₄S₄, C₁₈H₁₆N₂O, C₁₅H₂₀O₈, C₁₈H₁₀N₂O VE C₁₆H₂₀N₆O₂S TEK KRİSTALLERİNİN YAPI ANALİZİ, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Fizik (Dr), 2006

Postgraduate, Mn₂ ve VO₂ KATKILI NH₄HC₂O₄.1/2H₂O, NH₄HC₄H₄O₆, KHC₄H₄O₆, CaO ve Ca(OH)₂ TOZ ve KRİSTALLERİNİN ESR SPEKTRUMU İLE İNCELENMESİ, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), 1993

Academic Titles / Tasks

Associate Professor, Ondokuz Mayıs University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2014 - Continues

Assistant Professor, Ondokuz Mayıs University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2007 - Continues

Academic and Administrative Experience

Ondokuz Mayıs University, 2007 - 2012

Ondokuz Mayıs University, 2007 - 2009

Courses

TOPLUMA HİZMET UYGULAMALARI, Undergraduate, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013

FİZİK I, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012, 2010 - 2011

FEN EĞİTİMİNDE BİLİM TARİHİ VE BİLİMİN DOĞASI, Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

FİZİK EĞİTİMİNDE GÜNCEL KONULAR, Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015

FİZİK II, Postgraduate, 2016 - 2017

ALAN EĞT. ARAŞ. PROJESİ, Undergraduate, 2016 - 2017, 2013 - 2014, 2012 - 2013, 2011 - 2012
ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2016 - 2017
FİZİK II, Undergraduate, 2015 - 2016, 2013 - 2014, 2011 - 2012
Temel Bilgi Teknolojileri , Undergraduate, 2013 - 2014
BİLGİSAYAR I, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011
Kristallografi, Undergraduate, 2012 - 2013
Özel Öğret. Yöntemleri II, Undergraduate, 2012 - 2013
Özel Öğret. Yöntemleri I, Undergraduate, 2011 - 2012
KONU ALANI DERS KİTABI, Undergraduate, 2010 - 2011
ÖĞRETİM TEKNOLOJİLERİ VE MATERYAL GELİŞTİRME, Undergraduate, 2010 - 2011
BİLGİSAYAR II, Undergraduate, 2010 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **1,3-Bis(((E)-(9-ethyl-9H-carbazol-3-yl)methylene)amino)propan-2-ol: Synthesis, Characterization DFT Study, and Acetylcholinesterase Inhibitory Activity**
ÇELİK F., SÜLEYMANOĞLU N., USTABAŞ R., Bektaş E., ÜNVER Y.
Russian Journal of Physical Chemistry A, vol.97, no.5, pp.981-988, 2023 (SCI-Expanded)
- II. **Bis-1,2,4-triazol derivatives: Synthesis, characterization, DFT, antileishmanial activity and molecular docking study**
SÜLEYMANOĞLU N., USTABAŞ R., GÜLER H. İ., DİREKEL Ş., ÇELİK F., ÜNVER Y.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.13, pp.5970-5980, 2023 (SCI-Expanded)
- III. **New carbazol derivatives containing 1,2,4-triazole: Synthesis, characterization, DFT study, acetylcholinesterase activity and docking study**
ÜNVER Y., SÜLEYMANOĞLU N., USTABAŞ R., GÜLER H. İ., BEKTAŞ E., İNAN BEKTAŞ K., ÇELİK F.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.99, no.10, 2022 (SCI-Expanded)
- IV. **New chalcone derivative, ethyl 2-(4-(3-(benzo[b]thiophen-2-yl)acryloyl)phenoxy)acetate: synthesis, characterization, DFT study, enzyme inhibition activities and docking study**
ÇELİK F., SÜLEYMANOĞLU N., USTABAŞ R., TÜRKAN F., GÜLER H. İ., ÜNVER Y., KAHRİMAN N.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, pp.12260-12267, 2022 (SCI-Expanded)
- V. **(2E)-3-(1-benzothiophen-2-yl)-1-(4-hydroxyphenyl)prop-2-en-1-one: Synthesis, Characterization (IR, NMR and UV-Vis) DFT Study and Antimicrobial Activity**
SÜLEYMANOĞLU N., USTABAŞ R., EYDURAN F., DİREKEL Ş., ÜNVER Y., KAHRİMAN N.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.43, no.6, pp.712-725, 2021 (SCI-Expanded)
- VI. **Synthesis, spectroscopic and computational investigation of N1,N4-bis(3-oxobutanoyl)benzene-1,4-dicarbohydrazide as a coupling component for azo dyes from waste poly(ethyleneterephthalate) bottle**
EYDURAN F., SÜLEYMANOĞLU N., USTABAŞ R.
JOURNAL OF MOLECULAR STRUCTURE, vol.1244, 2021 (SCI-Expanded)
- VII. **3-(5-(1H-imidazol-1-yl) pent-1-en-1-yl)-9-ethyl-9H-carbazole: synthesis, characterization (IR, NMR), DFT, antimicrobial-antioxidant activities and docking study**
ÜNVER Y., SÜLEYMANOĞLU N., USTABAŞ R., İNAN BEKTAŞ K., BEKTAŞ E., GÜLER H. İ.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, no.23, pp.12990-13000, 2021 (SCI-Expanded)
- VIII. **1,2,3-triazole derivative: Synthesis, characterization, DFT, molecular docking study and antibacterial-antileishmanial activities**
ÇELİK F., USTABAŞ R., SÜLEYMANOĞLU N., DİREKEL Ş., GÜLER H. İ., ÜNVER Y.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.98, no.8, 2021 (SCI-Expanded)
- IX. **5-(4-Bromobenzyl)-4-(4-(5-phenyl-1,3,4-oxadiazole-2-yl)phenyl)-2,4-dihydro-3H-1,2,4-triazole-3-one: Synthesis, characterization, DFT study and antimicrobial activity**
Ustabas R., Suleymanoglu N., ÜNVER Y., DİREKEL Ş.

- X. **New Chalcone Derivative: Synthesis, Characterization, Computational Studies and Antioxidant Activity**
USTABAŞ R., SÜLEYMANOĞLU N., Özdemir N., KAHRİMAN N., BEKTAŞ E., ÜNVER Y.
LETTERS IN ORGANIC CHEMISTRY, vol.17, no.1, pp.46-53, 2020 (SCI-Expanded)
- XI. **5-Phenyl thiophene amino phenol derivatives: Synthesis, spectroscopic characterization, computational study and antimicrobial activity**
SÜLEYMANOĞLU N., USTABAŞ R., ÜNVER Y., Alpaslan Y. B., Direkel Ş., Karaman Ü.
Journal of Molecular Structure, vol.1182, pp.36-46, 2019 (SCI-Expanded)
- XII. **Spectroscopic characterization and density functional studies of new thiadiazole 1,1-dioxide compounds**
ALPASLAN Y. B., SÜLEYMANOĞLU N., USTABAŞ R., ERTÜRK A. G., GÖKCE H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1174, pp.32-42, 2018 (SCI-Expanded)
- XIII. **1,2,4-triazole derivatives with morpholine; DFT study and antileishmanial activity**
SÜLEYMANOĞLU N., USTABAŞ R., DİREKEL Ş., ALPASLAN Y. B., ÜNVER Y.
CANADIAN JOURNAL OF PHYSICS, vol.96, no.7, pp.719-723, 2018 (SCI-Expanded)
- XIV. **Structure of (2E)-Ethyl 2-((4-(cyanomethoxy)benzylidene)hydrazono)-3,4-dimethyl-2,3-dihydrothiazole-5-carboxylate Studied by X-ray and DFT Calculations**
USTABAŞ R., Er M., Tahtacı H., ÇORUH U.
CRYSTALLOGRAPHY REPORTS, vol.62, no.7, pp.1095-1098, 2017 (SCI-Expanded)
- XV. **X-ray and Theoretical Studies of 2-((5-Amino-1,3,4-thiadiazol-2-yl)thio)-1-phenylethanone**
USTABAŞ R., ÇORUH U., Er M., Tahtacı H.
CRYSTALLOGRAPHY REPORTS, vol.62, no.7, pp.1089-1094, 2017 (SCI-Expanded)
- XVI. **1,2,4-triazole derivative with Schiff base; thiol-thione tautomerism, DFT study and antileishmanial activity**
SÜLEYMANOĞLU N., USTABAŞ R., DİREKEL Ş., ALPASLAN Y. B., ÜNVER Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.1150, pp.82-87, 2017 (SCI-Expanded)
- XVII. **Antileishmanial activity study and theoretical calculations for 4-amino-1,2,4-triazole derivatives**
SÜLEYMANOĞLU N., ÜNVER Y., USTABAŞ R., DİREKEL Ş., ALPASLAN G.
JOURNAL OF MOLECULAR STRUCTURE, vol.1144, pp.80-86, 2017 (SCI-Expanded)
- XVIII. **Theoretical and antimicrobial activity study for ethyl{4-[3-(1H-imidazole-1-yl)propyl]-3-methyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl}acetate**
SÜLEYMANOĞLU N., ÜNVER Y., USTABAŞ R., DİREKEL Ş., ALPASLAN Y. B.
SPECTROSCOPY LETTERS, vol.50, no.2, pp.96-101, 2017 (SCI-Expanded)
- XIX. **EXPERIMENTAL AND THEORETICAL STUDIES OF 4-[(4-METHYL-5-PHENYL-4H1,2,4-TRIAZOL-3-YL)SULFANYL]BENZENE-1,2-DICARBONITRILE**
ÇORUH U., USTABAŞ R., AKÇAY H. T., MENTEŞE E., Vazquez Lopez E. M.
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.35, no.2, pp.169-177, 2016 (SCI-Expanded)
- XX. **The new Schiff base 4-[(4-Hydroxy-3-fluoro-5-methoxy-benzylidene)amino]-1,5-dimethyl-2-phenyl-1,2-dihydro-pyrazol-3-one: Experimental, DFT calculational studies and in vitro antimicrobial activity**
Ocak İskeleli N., ALPASLAN Y. B., DİREKEL Ş., ERTÜRK A. G., SÜLEYMANOĞLU N., USTABAŞ R.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.139, pp.356-366, 2015 (SCI-Expanded)
- XXI. **Experimental and theoretical investigation of the molecular and electronic structure of 3-ethoxy-4-isopropylaminocyclobut-3-ene-1,2-dione**
SÜLEYMANOĞLU N., USTABAŞ R., Alpaslan Y. B., EYDURAN F., Ocak İskeleli N.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.96, pp.35-41, 2012 (SCI-Expanded)
- XXII. **Experimental (C-13 NMR, H-1 NMR, FT-IR, single-crystal X-ray diffraction) and DFT studies on 3,4-**

bis(isoproylamino)cyclobut-3-ene-1,2-dione

SÜLEYMANOĞLU N., USTABAŞ R., Alpaslan Y. B., EYDURAN F., Ozyurek C., Ocak İskeleli N.

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.83, no.1, pp.472-477, 2011 (SCI-Expanded)

- XXIII. **Crystal Structure 4-(2,4-Dihydroxybenzylideneamino)-5-methyl-2H-1,2,4-triazol-3(4H)-one**
USTABAŞ R., ÜNLÜER BİRİNCİ D., Kor G.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.41, no.8, pp.1237-1240, 2011 (SCI-Expanded)
- XXIV. **Synthesis, spectroscopic characterization, calculational studies and in vitro antitumoral activity of 4-(3-(1H-imidazol-1-yl)propyl)-(thiophen-2-ylmethyl)-1H-1,2,4-triazol-5(4H)-one**
SÜLEYMANOĞLU N., USTABAŞ R., Alpaslan Y. B., ÜNVER Y., TURAN M., SANCAK K.
JOURNAL OF MOLECULAR STRUCTURE, vol.989, no.1-3, pp.101-108, 2011 (SCI-Expanded)
- XXV. **Synthesis, crystal structure, and antioxidant properties of novel 1,2,4-triazol-5-ones containing 3,4-dimethoxyphenyl and 3,4-dihydroxyphenyl moiety**
ÜNVER Y., Meydanal S., SANCAK K., ÜNLÜER BİRİNCİ D., USTABAŞ R., Dugdu E.
TURKISH JOURNAL OF CHEMISTRY, vol.35, no.2, pp.265-277, 2011 (SCI-Expanded)
- XXVI. **Experimental and theoretical studies of the molecular structure of 4-(3-(1H-imidazol-1-yl)propyl)-5-p-tolyl-2H-1,2,4-triazol-3(4H)-one**
USTABAŞ R., SÜLEYMANOĞLU N., Tanak H., Alpaslan Y. B., ÜNVER Y., SANCAK K.
JOURNAL OF MOLECULAR STRUCTURE, vol.984, no.1-3, pp.137-145, 2010 (SCI-Expanded)
- XXVII. **3,3 '-Dimethyl-4,4 '-(hexane-1,6-diyl)bis[1H-1,2,4-triazol-5(4H)-one]**
USTABAŞ R., ÇORUH U., ÜNLÜER BİRİNCİ D., Hokelek T., Ermis E.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.66, 2010 (SCI-Expanded)
- XXVIII. **2-Propylamino-5-[4-(2-hydroxy-3,5-dichlorobenzylideneamino) phenyl]-1,3,4-thiadiazole: X-ray and DFT-calculated structures**
Suleymanoglu N., USTABAŞ R., Alpaslan Y. B., ÇORUH U., KARAKUŞ S., Rollas S.
STRUCTURAL CHEMISTRY, vol.21, no.1, pp.59-65, 2010 (SCI-Expanded)
- XXIX. **Synthesis and characterization of novel triazol compounds containing a thiophen ring as potential antifungal agents and the structure of 2-(2-hydroxy-2-p-tolyethyl)-5-(thiophen-2-ylmethyl)-4-(4H-1,2,4-triazol-4-yl)-2H-1,2,4-triazol-3(4H)-one**
ÜNVER Y., Dugdu E., SANCAK K., Er M., USTABAŞ R.
TURKISH JOURNAL OF CHEMISTRY, vol.34, no.4, pp.551-563, 2010 (SCI-Expanded)
- XXX. **2-Benzoylmethyl-4-[(2-benzylideneethylidene)amino]-5-(2-thienylmethyl)-2H-1,2,4-triazol-3(4H)-one**
USTABAŞ R., ÜNVER Y., Suleymanoglu N., ÇORUH U., SANCAK K.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, 2009 (SCI-Expanded)
- XXXI. **Synthesis and characterization of some new tetraaldehyde and tetraketone derivatives and X-ray Structure of 1,1 '-(4,4 '-(2-(1,3-bis(4-Acetylphenoxy) propan-2-ylidene)propane-1,3-diyl)bis(oxy)bis(4,1-phenylene))diethanone**
Er M., USTABAŞ R., ÇORUH U., SANCAK K., Vazquez-Lopez E.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.9, no.6, pp.1000-1007, 2008 (SCI-Expanded)
- XXXII. **1-acetonyl-4-(2,5-dimethyl-4H-1,2,4-triazol-4-yl)-3-(2-thienylmethyl)-1H-1,2,4-triazol-5(4H)-one**
Ustabas R., Coruh U., Sancak K., Demirkan E.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (SCI-Expanded)
- XXXIII. **1-(benzoylmethyl)-4-[(2,4-dichlorobenzylidene)amino]-3-(2-thienylmethyl)4,5-dihydro-1H-1,2,4-triazol-5-one**
Ustabas R., Coruh U., Sancak K., Uenver Y., Vazquez-Lopez E. M.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- XXXIV. **(E)-4,4 '-(but-2-ene-1,4-diyl)bis(3-methoxybenzaldehyde)**
Ustabas R., Coruh U., Sancak K., Er M., Vazquez-Lopez E. M.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- XXXV. **4-[3-(1H-Imidazol-1-yl)propyl]-3-phenyl-1H-1,2,4-triazol-5(4H)-one**

- Kalkan H., Ustabas R., Sancak K., Uenver Y., Vazquez-Lopez E. M.
 ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (SCI-Expanded)
- XXXVI. **1-(Acetonyl)-3-(2-thienylmethyl)-4-(4H-1,2,4-triazol-4-yl)-1H-1,2,4-triazol-5(4H)-one**
 Ustabas R., Coruh U., Sancak K., Demirkan E., Vazquez-Lopez E. M.
 ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- XXXVII. **4-[(5-Nitrothiophen-2-ylmethylene)amino]5-(thiophen-2-ylmethyl)-1H-1,2,4-triazol-5(4H)-one**
 Ustabas R., Coruh U., Sancak K., Unver Y., Vazquez-Lopez E. M.
 ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)
- XXXVIII. **2,2 '-[2,3-bis(1-formyl-2-naphthyloxymethyl)-but-2-ene-1,4-diyl]bis(naphthalene-1-carbaldehyde)**
 Ustabas R., Coruh U., Er M., Serbest K., Vazquez-Lopez E. M.
 ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.62, 2006 (SCI-Expanded)
- XXXIX. **1-acetonyl-4-(3,5-diethyl-4H-1,2,4-triazol-4-yl)-3-(2-thienylmethyl)-1H-1,2,4-triazol-5(4H)-one**
 Ustabas R., Coruh U., Sancak K., Dugdu E., Vazquez-Lopez E. M.
 ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)
- XL. **3,3 '-Bis(2-thienylmethyl)-4,4 '-(butane-1,4-diyl)bis(4,5-dihydro-1H-1,2,4-triazol-5-one)**
 Unver Y., Ustabas R., Coruh U., Sancak K., Vazquez-Lopez E. M.
 ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)
- XLI. **(1RS,2SR,6SR,7SR)-4,10-dioxatricyclo[5.2.1.0(2,6)]dec-8-en-3-one**
 Ustabas R., SALAMCI E., Coruh U., Vazquez-Lopez E. M., Yavuz M.
 ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)
- XLII. **Cyclooctane-1,2,5,6-tetraol tetraacetate**
 SALAMCI E., Ustabas R., Coruh U., Yavuz M., Vazquez-Lopez E. M.
 ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **İLK VE ORTA ÖĞRETİM ÖĞRETMEN ADAYLARININ TEMEL ASTRONOMİ KONULARINDAKİ KAVRAM YANILGILARI**
 KALKAN H., USTABAŞ R., KALKAN S.
 19 Mayıs Üniversitesi Eğitim Fakültesi Dergisi, 2007 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **1,2,4-TRIAZOLE DERIVATIVES WITH MORPHOLINE DFT STUDY AND ANTILEISHMANIAL ACTIVITY**
 SÜLEYMANOĞLU N., USTABAŞ R., DİREKEL Ş., BİNGÖL ALPASLAN Y., ÜNVER Y.
 TURKISH PHYSICAL SOCIETY 33RD INTERNATIONAL PHYSICS CONGRESS, 6 - 10 September 2017
- II. **THEORETICAL STUDY FOR THIOL-THIONE TAUTOMERISM OF 1,2,4-TRIAZOLE DERIVATIVE WITH SCHIFF BASE AND THIOPHENE**
 SÜLEYMANOĞLU N., USTABAŞ R., BİNGÖL ALPASLAN Y., ÜNVER Y.
 TURKISH PHYSICAL SOCIETY 33RD INTERNATIONAL PHYSICS CONGRESS, 6 - 10 September 2017
- III. **The new Schiff base 4 4 Hydroxy 3 fluoro 5 methoxy benzylidene amino 1 5 dimethyl 2 phenyl 1 2 dihydro pyrazol 3 one** Experimental DFT calculational studies and in vitro antimicrobial activity
 OCAK İSKELELİ N., BİNGÖL ALPASLAN Y., DİREKEL Ş., GEDİZ ERTÜRK A., SÜLEYMANOĞLU N., USTABAŞ R.
 Anatolian Conference on Synthetic Organic Chemistry, 16 - 19 March 2015