



## Assoc. Prof. DUYGU BARUT CELEPCİ

### Personal Information

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### International Researcher IDs

ScholarID: 7J1x90AAAAJ

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Publons / Web Of Science ResearcherID: M-6189-2017

ScopusID: 57194874374

Yoksis Researcher ID: 227491

### Education Information

2010 - 2016	Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey
2009 - 2010	Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Fizik (Yı) (Tezli), Turkey
2003 - 2008	Undergraduate, Dokuz Eylul University, Fen Fakültesi, Fizik Bölümü, Turkey

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

2014	International Year of Crystallography, Vocational Training, UNESCO - IUCr
2012	JANA2006 Workshop, Vocational Training, Turkish Union of Crystallography (TUCr)
2011	UV-VIS/AAS/Microwave Sample Preparation Systems, Vocational Training, TERRA Analiz ve Ölçüm Cihazları Ticaret A.Ş.

### Dissertations

2016	Üç dişli schiff bazlı ligandi ile sentezlenmiş bazlı bakır komplekslerinin yapısal karakterizasyonu, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Fizik (Dr), Doctorate
2010	Bazı oksalamid ve karbazol türevlerinin moleküller ve kristal yapı analizi, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Fizik (Yı) (Tezli), Postgraduate

### Research Areas

Molecular Biophysics, Physics, Atomic and Molecular Physics, Interdisciplinary Physics and Related Science and Technology Areas, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Natural Sciences

## **Academic Titles / Tasks**

2015 - Continues      Associate Professor, Dokuz Eylül University, Fen Fakültesi, Fizik Bölümü

## **Courses**

2023 - 2024, 2022 - 2023	Physics Laboratory I, Undergraduate
2022 - 2023	Physics Laboratory II, Undergraduate
2023 - 2024, 2022 - 2023	Physics I, Undergraduate
2022 - 2023	Physics II, Undergraduate
2021 - 2022	Fizik-II, Undergraduate

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. Cu(II) and Ni(II) metallacycles derived from barbituric acids: Synthesis with solvent/agent effects in crystallization and structural characterization with non-covalent interaction analysis  
İzmirli M., AYGÜN M., Fırıncı E., Fırıncı R., Yakalı G., SEVİNÇEK R., BARUT CELEPCİ D.  
Journal of Molecular Structure, vol.1299, 2024 (SCI-Expanded)
- II. Design, synthesis, and biological activity studies on benzimidazole derivatives targeting myeloperoxidase  
Saylam M., Aydin Köse F., Pabuccuoglu A., BARUT CELEPCİ D., AYGÜN M., Pabuccuoglu V.  
European Journal of Medicinal Chemistry, vol.248, 2023 (SCI-Expanded)
- III. Design, synthesis, spectroscopic characterizations, single crystal X-ray analysis, in vitro xanthine oxidase and acetylcholinesterase inhibitory evaluation as well as in silico evaluation of selenium-based N-heterocyclic carbene compounds  
Kaya G., Noma S. A. A., Barut Celepçi D., Bayıl I., Taşkin Tok T., Gök Y., Ateş B., Aktaş A., Aygün M., Tezcan B.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.21, pp.11728-11747, 2023 (SCI-Expanded)
- IV. Novel PEPPSI-type N-heterocyclic carbene palladium(II) complexes: Synthesis, characterization, in silico studies and enzyme inhibitory properties against some metabolic enzymes  
Yiğit B., Taslimi P., BARUT CELEPCİ D., Taskin-Tok T., Yiğit M., AYGÜN M., ÖZDEMİR İ., GÜLÇİN İ.  
Inorganica Chimica Acta, vol.544, 2023 (SCI-Expanded)
- V. Phthalimide-tethered imidazolium salts: Synthesis, characterization, enzyme inhibitory properties, and in silico studies  
Yiğit M., Demir Y., Barut Celepçi D., Taşkin Tok T., Arinc A., Yiğit B., Aygün M., Özdemir İ., Gülçin İ.  
ARCHIV DER PHARMAZIE, 2022 (SCI-Expanded)
- VI. Selenourea and thiourea derivatives of chiral and achiral enetetramines: Synthesis, characterization and enzyme inhibitory properties  
Yiğit M., Barut Celepçi D., Taslimi P., Yiğit B., Cetinkaya E., Özdemir İ., Aygün M., Gülçin İ.  
BIOORGANIC CHEMISTRY, vol.120, 2022 (SCI-Expanded)
- VII. Benzimidazole-functionalized PEPPSI type Pd(II)NHC complexes bearing nitrophenylethyl and hidroxylphenylethyl group: Synthesis, characterization, crystal structure and its catalytic activity on direct arylation reaction  
Çağlılar T., Behçet A., Barut Celepçi D., Aktaş A., Gök Y., Aygün M.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1246, 2021 (SCI-Expanded)
- VIII. Amine-functionalized benzimidazolium salts: Synthesis, structural characterization, Hirshfeld surface analysis and theoretical studies  
Barut Celepçi D., Yiğit B., Yiğit M., Özdemir İ., Aygün M.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1239, 2021 (SCI-Expanded)

- IX. **Synthesis, in vitro anticancer activities, and quantum chemical investigations on 1,3-bis-(2-methyl-2-propenyl)benzimidazolium chloride and its Ag(I) complex**  
Serdaroğlu G., Şahin Bölükbaşı S., Barut Celepçi D., Sevinçek R., Şahin N., Gürbüz N., Özdemir İ.  
JOURNAL OF CHEMICAL RESEARCH, vol.45, pp.596-607, 2021 (SCI-Expanded)
- X. **Synthesis, characterization, crystal structure and bioactivity properties of the benzimidazole-functionalized PEPPSI type of Pd(II)NHC complexes**  
Dasgin S., Gök Y., Barut Celepçi D., Taslimi P., Izmirli M., Aktaş A., Gülçin İ.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1228, 2021 (SCI-Expanded)
- XI. **New Pd-PEPPSI complexes bearing meta-cyanobenzyl-Substituted NHC: Synthesis, characterization, crystal structure and catalytic activity in direct C-H arylation of (Hetero)arenes with aryl bromides**  
Turker F., Bereket İ., Barut Celepçi D., Aktaş A., Gök Y.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1205, 2020 (SCI-Expanded)
- XII. **Synthesis, crystal structures, spectral investigations, conformational analysis and DFT studies of N-heterocyclic carbene precursors**  
Erdemir F., Barut Celepçi D., Aktaş A., Gök Y.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1204, 2020 (SCI-Expanded)
- XIII. **A Novel Ag-N-Heterocyclic Carbene Complex Bearing the Hydroxyethyl Ligand: Synthesis, Characterization, Crystal and Spectral Structures and Bioactivity Properties**  
Aktaş A., Barut Celepçi D., Gök Y., Taslimi P., Akincioglu H., Gülçin İ.  
CRYSTALS, vol.10, no.3, 2020 (SCI-Expanded)
- XIV. **Novel cis-[PdCl<sub>2</sub>(NHC)(PPh<sub>3</sub>)] complex: synthesis, crystal structure, spectral investigations, DFT and NCI studies, prediction of biological activity**  
Barut Celepçi D.  
JOURNAL OF COORDINATION CHEMISTRY, vol.73, no.4, pp.525-543, 2020 (SCI-Expanded)
- XV. **4-Vinylbenzyl and 2-morpholinoethyl substituted ruthenium (II) complexes: Design, synthesis, and biological evaluation**  
Sarı Y., Gürses C., Barut Celepçi D., Keleştemur Ü., Aktaş A., Yüksel Ş., Ateş B., Gök Y.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1202, 2020 (SCI-Expanded)
- XVI. **Prediction of Biological Activities, Structural Investigation and Theoretical Studies of meta-cyanobenzyl Substituted Benzimidazolium Salts**  
Barut Celepçi D., Aktaş A.  
ACTA CHIMICA SLOVENICA, vol.67, no.3, pp.830-841, 2020 (SCI-Expanded)
- XVII. **Ruthenium(II) complexes bearing N-heterocyclic carbene ligands with wingtip groups and their catalytic activity in the transfer hydrogenation of ketones**  
Yiğit B., Isik Y., Barut Celepçi D., Evren E., Yiğit M., Gürbüz N., Özdemir İ.  
INORGANICA CHIMICA ACTA, vol.499, 2020 (SCI-Expanded)
- XVIII. **New (NHC)Pd(II)(PPh<sub>3</sub>) complexes: synthesis, characterization, crystal structure and its application on Sonogashira and Mizoroki-Heck cross-coupling reactions**  
Erdemir F., Aktaş A., Barut Celepçi D., Gök Y.  
CHEMICAL PAPERS, vol.74, no.1, pp.99-112, 2020 (SCI-Expanded)
- XIX. **New morpholine-ligated palladium(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure, and DNA-binding studies**  
Turker F., Gürses C., Barut Celepçi D., Aktaş A., Ateş B., Gök Y.  
ARCHIV DER PHARMAZIE, vol.352, no.12, 2019 (SCI-Expanded)
- XX. **Synthesis, crystal structures, spectral FT-IR, NMR and UV-Vis investigations and Hirshfeld surface analysis of two new 2-hydroxyethyl-substituted N-heterocyclic carbene precursors**  
Aktaş A., Barut Celepçi D., Gök Y.  
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.66, no.10, pp.1389-1396, 2019 (SCI-Expanded)
- XXI. **Novel 2-aminopyridine liganded Pd(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure and bioactivity properties**  
Erdemir P., Barut Celepçi D., Aktaş A., Gök Y., Kaya R., Taslimi P., Demir Y., Gülçin İ.

- BIOORGANIC CHEMISTRY, vol.91, 2019 (SCI-Expanded)
- XXII. Novel 2-hydroxyethyl substituted N-coordinate-Pd(II)(NHC) and bis(NHC)Pd(II) complexes: Synthesis, characterization and the catalytic activity in the direct arylation reaction  
Aktaş A., Barut Celepçi D., Gök Y.  
JOURNAL OF CHEMICAL SCIENCES, vol.131, no.8, 2019 (SCI-Expanded)
- XXIII. New 2-hydroxyethyl substituted N-Heterocyclic carbene precursors: Synthesis, characterization, crystal structure and inhibitory properties against carbonic anhydrase and xanthine oxidase  
Aktaş A., Noma S. A. A., Barut Celepçi D., Erdemir F., Gök Y., Ateş B.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1184, pp.487-494, 2019 (SCI-Expanded)
- XXIV. Enamines of 1,3-dimethylbarbiturates and their symmetrical palladium(II) complexes: synthesis, characterization and biological activity  
Fırınç R., Fırınç E., Başbülbül G., Dabanca M. B., Barut Celepçi D., Gunay M. E.  
TRANSITION METAL CHEMISTRY, vol.44, no.4, pp.391-397, 2019 (SCI-Expanded)
- XXV. 2-hydroxyethyl-substituted (NHC)PdI2(pyridine) (Pd-PEPPSI) Complexes: Synthesis, Characterization and the Catalytic Activity in the Sonogashira Cross-coupling Reaction  
Erdemir F., Barut Celepçi D., Aktaş A., Gök Y.  
CHEMISTRYSELECT, vol.4, no.19, pp.5585-5590, 2019 (SCI-Expanded)
- XXVI. Mixed phosphine/N-heterocyclic carbene-palladium complexes: synthesis, characterization, crystal structure and application in the Sonogashira reaction in aqueous media  
AKTAŞ A., ERDEMİR F., BARUT CELEPCİ D., GÖK Y., AYGÜN M.  
TRANSITION METAL CHEMISTRY, vol.44, no.3, pp.229-236, 2019 (SCI-Expanded)
- XXVII. Novel morpholine liganded Pd-based N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure, antidiabetic and anticholinergic properties  
Aktaş A., Barut Celepçi D., Kaya R., Taslimi P., Gök Y., Aygün M., Gülçin İ.  
POLYHEDRON, vol.159, pp.345-354, 2019 (SCI-Expanded)
- XXVIII. Synthesis and Structural Characterization of Two Novel Copper(II) Schiff Base Complexes and their Water-Containing Supramolecular Structures  
Barut Celepçi D., Korkmaz N., Astley S. T., Aygun M.  
JOURNAL OF STRUCTURAL CHEMISTRY, vol.60, no.1, pp.151-158, 2019 (SCI-Expanded)
- XXIX. 2-Hydroxyethyl-Substituted (NHC)Pd(II)PPh<sub>3</sub> Complexes: Synthesis, Characterization, Crystal Structure and Its Application on Sonogashira Cross-Coupling Reactions in Aqueous Media  
Aktaş A., Barut Celepçi D., Gök Y., Aygün M.  
CHEMISTRYSELECT, vol.3, no.39, pp.10932-10937, 2018 (SCI-Expanded)
- XXX. Synthesis, characterization and crystal structure of 2-(4-hydroxyphenyl)ethyl and 2-(4-nitrophenyl)ethyl Substituted Benzimidazole Bromide Salts: Their inhibitory properties against carbonic anhydrase and acetylcholinesterase  
Behcet A., Caglilar T., Barut Celepçi D., Aktaş A., Taslimi P., Gök Y., Aygün M., Kaya R., Gülçin İ.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1170, pp.160-169, 2018 (SCI-Expanded)
- XXXI. 2-Hydroxyethyl-Substituted Pd-PEPPSI Complexes: Synthesis, Characterization and the Catalytic Activity in the Suzuki-Miyaura Reaction for Aryl Chlorides in Aqueous Media  
Aktaş A., Barut Celepçi D., Gök Y., Aygün M.  
CHEMISTRYSELECT, vol.3, no.35, pp.9974-9980, 2018 (SCI-Expanded)
- XXXII. Four 2-Hydroxyethyl substituted NHC iodide complexes: structural characterization and theoretical comparisons  
BARUT CELEPCİ D., AKTAŞ A., GÖK Y., AYGÜN M.  
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.74, 2018 (SCI-Expanded)
- XXXIII. Synthesis, structural analysis, spectral investigations, and DFT calculations of 1-(3-amino-4-thia-1,2-diazaspiro[4.11]hexadec-2-en-1-yl)ethan-1-one  
Barut Celepçi D., Yıldırım A., Sen B.  
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.65, no.8, pp.932-939, 2018 (SCI-Expanded)
- XXXIV. Structural determination of biological active N-phenyl-2-phthalimidoethanesulfonamide derivatives

- Aygün M., Sevinçek R., Barut Celepcı D., Akgül Ö.  
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.74, 2018 (SCI-Expanded)
- XXXV. **meta-Cyanobenzyl substituted benzimidazolium salts: Synthesis, characterization, crystal structure and carbonic anhydrase, -glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties**  
Turker F., Barut Celepcı D., Aktaş A., Taslimi P., Gök Y., Aygün M., Gülcin İ.  
ARCHIV DER PHARMAZIE, vol.351, no.7, 2018 (SCI-Expanded)
- XXXVI. **Novel Benzylic Substituted Imidazolinium, Tetrahydropyrimidinium and Tetrahydrodiazepinium Salts: Potent Carbonic Anhydrase and Acetylcholinesterase Inhibitors**  
Yiğit B., Yiğit M., Barut Celepcı D., Gök Y., Aktaş A., Aygün M., Taslimi P., Gülcin İ.  
CHEMISTRYSELECT, vol.3, no.27, pp.7976-7982, 2018 (SCI-Expanded)
- XXXVII. **New air stable diarylamino substituted diborane(4) derivatives: Synthesis and structures**  
Barut Celepcı D., Sepin E., Gokcen Y., Aygün M., Şahin Y.  
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, vol.668, no.1, pp.91-104, 2018 (SCI-Expanded)
- XXXVIII. **2-Hydroxyethyl substituted NHC precursors: Synthesis, characterization, crystal structure and carbonic anhydrase, alpha-glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties**  
Erdemir F., Barut Celepcı D., Aktaş A., Taslimi P., Gök Y., Karabiyık H., Gülcin İ.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1155, pp.797-806, 2018 (SCI-Expanded)
- XXXIX. **Spectroscopic, Structural and Density Functional Theory (DFT) Studies of Two Oxazol-5-one Derivatives**  
Nazlı I. H., BARUT CELEPCİ D., Yakalı G., TOPKAYA TAŞKIRAN D., AYGÜN M., ALP S.  
ACTA CHIMICA SLOVENICA, vol.65, no.1, pp.86-96, 2018 (SCI-Expanded)
- XL. **Synthesis, characterization, crystal structure, and antimicrobial studies of 2-morpholinoethyl-substituted benzimidazolium salts and their silver(I)-N-heterocyclic carbene complexes**  
Yıldırım I., Aktaş A., Barut Celepcı D., Kirbağ S., Kutlu T., Gök Y., Aygün M.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.43, no.11, pp.6379-6393, 2017 (SCI-Expanded)
- XLI. **Synthesis, Characterization and Crystal Structure of New 2-Morpholinoethyl-Substituted Bis-(NHC)Pd(II) Complexes and the Catalytic Activity in the Direct Arylation Reaction**  
Sarı Y., Aktaş A., Barut Celepcı D., Gök Y., Aygün M.  
CATALYSIS LETTERS, vol.147, no.9, pp.2340-2351, 2017 (SCI-Expanded)
- XLII. **Spiro copper(II)-metallacycles derived from 5-arylaminomethylene-barbituric acids: Synthesis and structural characterization**  
Fırınçı E., Giziroğlu E., Barut Celepcı D., Söyleyici H. C., Aygün M.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1137, pp.113-118, 2017 (SCI-Expanded)
- XLIII. **Crystal structure determination of four new copper (II) complexes containing ono type Schiff base ligands**  
BARUT CELEPCİ D., Korkmaz N., ASTLEY S. T., AYGÜN M.  
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.71, 2015 (SCI-Expanded)
- XLIV. **Synthesis, X-ray Structural and Thermal Analysis of a Novel Copper Compound Containing Dissymmetric Independent 5-and 6-coordinate CuL(H<sub>2</sub>O)(n) (n=2, 3) Units and Hydrogen bond Bridges**  
Barut Celepcı D., Korkmaz N., Astley S. T., Aygün M.  
ACTA CHIMICA SLOVENICA, vol.62, no.1, pp.88-94, 2015 (SCI-Expanded)
- XLV. **Synthesis and structural characterization of two new isoindol derivatives**  
Yakaly G., BARUT CELEPCİ D., Granada Santiago G., Büyükgüngör O., Ocal N., Gokce M., AYGÜN M.  
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.67, 2011 (SCI-Expanded)

## Articles Published in Other Journals

- I. A Theoretical Study of 2-hydroxyethyl Substituted NHC Precursors Containing ortho-, meta- and para- methylbenzyl: Global Reactivity Descriptors and Prediction of Biological Activities  
Barut Celepçi D.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, no.1, pp.258-267, 2021 (Peer-Reviewed Journal)
- II. Yüksek disordera sahip 2-fenil-4-[4-(1,4,7,10-tetraoksa-13-azasiklopentadesil)benziliden]-5-oksazolon Bileşinin Yapısal Karakterizasyonu ve DFT çalışmaları  
Barut Celepçi D.  
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, no.1, pp.254-264, 2019 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. Understanding the Biological Activity of Malvin as an Anthocyanin Compound Using Theoretical Approaches  
Barut Celepçi D.  
5. Ulusal Kristalografi Toplantısı, Samsun, Turkey, 17 - 19 May 2024, pp.1-3
- II. Structural Characterization Studies with the Calculated Comparisons of Some Biological Active NHC Complexes  
BARUT CELEPCİ D.  
2nd International Conference on Agriculture, Technology, Engineering and Sciences, Lviv, Ukraine, 18 - 20 September 2019
- III. Single Crystal X-Ray Structural Investigations of Three New Phthalimide Derivatives  
AYGÜN M., BARUT CELEPCİ D., SEVİNÇEK R., AKGÜL Ö.  
2nd International Conference on Agriculture, Technology, Engineering and Sciences, Lviv, Ukraine, 18 - 20 September 2019, pp.86
- IV. Theoretical Studies and Spectroscopic FT-IR and NMR Comparisons of Two Pd-based N-heterocyclic carbene Complexes  
BARUT CELEPCİ D.  
4th International Turkish Congress on Molecular Spectroscopy, Kuşadası, Aydin, Turkey, 5 - 09 August 2019
- V. Four 2-Hydroxyethyl substituted NHC iodide complexes: structural characterization and theoretical comparisons  
BARUT CELEPCİ D., Aktaş A., GÖK Y., AYGÜN M.  
31st European Crystallographic Meeting, Oviedo, Spain, 22 - 27 August 2018
- VI. Structural determination of biological active N-phenyl-2-phthalimidoethanesulfonamide derivatives  
AYGÜN M., SEVİNÇEK R., BARUT CELEPCİ D., AKGÜL Ö.  
31st European Crystallographic Meeting, Oviedo, Spain, 22 - 27 August 2018
- VII. Kristalografının Yaşam ve Malzeme Bilimlerindeki Önemi  
BARUT CELEPCİ D.  
Adım Fizik Günleri VII, Aydin, Turkey, 23 - 25 May 2018
- VIII. Determination of the Structural Characterization of a Novel 2-Morpholinoethyl-Substituted Bis-(NHC) Pd(II) Complex and its Ligand  
Barut Celepçi D.  
European Conference of Science, Arts and Culture, Antalya, Turkey, 19 - 22 April 2018
- IX. From Foods to Drugs: A Short Story of Crystallography  
BARUT CELEPCİ D.  
European Conference of Science, Arts and Culture, Antalya, Turkey, 19 - 22 April 2018
- X. Synthesis, Crystal Structures, Spectral FT-IR, NMR and UV-Vis Investigations and Theoretical Studies of Nphenyl-2-imino-5-methylthiophene and N-(4-chlorophenyl)-2-imino-5-methylthiophene  
BARUT CELEPCİ D., AKTAŞ A., YAKALI G., GÖK Y.  
III. International Turkish Congress on Molecular Spectroscopy, Muğla, Turkey, 26 - 29 August 2017
- XI. Spectroscopic Details of the Synthesized Novel Benzofuran compound with Experimental and

- Quantum Chemical Studies: F-TIR, 1H-NMR, 13C-NMR and DFT**  
YAKALI G., BARUT CELEPCİ D., BARIM E., DEĞİRMENCİ M., KIRILMIŞ C.  
III. International Turkish Congress on Molecular Spectroscopy, Muğla, Turkey, 26 - 29 August 2017
- XII. Determination of Structural Characterization of the Two Novel Oxazole Compounds: Single Crystal X-ray Analysis, Density Functionality Theory, Spectroscopy**  
YAKALI G., BARUT CELEPCİ D., Nazlı İ. H., TOPKAYA TAŞKIRAN D., ALP S.  
2nd International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, 18 - 21 April 2017
- XIII. Crystal structure determination offour new copper II complexescontaining ONO type Schiff base ligands**  
BARUT CELEPCİ D., KORKMAZ N., ASTLEY S. T., AYGÜN M.  
29th European Crystallographic Meeting, Rovinj, Croatia, 23 - 28 August 2015, vol.1, pp.422

## Other Publications

### I. Herkes için bilim (ortaokul öğrencilerine yönelik)

Alaca Yıldırım E., Baylan P., Candan K., Canlı K., Yıldırım Caynak E., Barut Celepcı D., Deniz M., Dişibüyük N. B., Doğan A., Gürbüzer S. K., et al.  
Other, pp.33-44, 2023

## Supported Projects

2010 - 2013 Dokuz Eylül Üniversitesi X-ışını Kristalografi Laboratuvarının Kurulması, Project Supported by Higher Education Institutions

## Memberships / Tasks in Scientific Organizations

2018 - Continues International Union of Crystallography, Member

## Scientific Refereeing

November 2023	JOURNAL OF MOLECULAR STRUCTURE, SCI Journal
October 2023	JOURNAL OF MOLECULAR STRUCTURE, SCI Journal
May 2023	JOURNAL OF MOLECULAR STRUCTURE, SCI Journal
December 2022	JOURNAL OF MOLECULAR STRUCTURE, SCI Journal
October 2022	JOURNAL OF MOLECULAR STRUCTURE, SCI Journal
August 2021	JOURNAL OF MOLECULAR STRUCTURE, SCI Journal
September 2019	APPLIED ORGANOMETALLIC CHEMISTRY, SCI Journal

## Metrics

Publication: 64  
Citation (WoS): 948  
Citation (Scopus): 902  
H-Index (WoS): 17  
H-Index (Scopus): 16

## Awards

December 2019	TOP CITED ARTICLE 2018-2019, Archiv Der Pharmazie, Wiley-Vch Gmbh
April 2018	Certificate of the Best Paper Award, 2Nd European Conference On Science, Art Culture
April 2018	ECM31 Young Scientist Award, International Union Of Crystallography