

## Res. Asst. Bilge BIÇAK

### Personal Information

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Address: İstanbul Üniversitesi, Fen Fakültesi, Fizik Bölümü, Atom ve Molekül Fiziği A.B.D 34134 Vezneciler İSTANBUL

### Education Information

Doctorate, İstanbul Üniversitesi, Institute of Graduate Studies In Sciences, Atom Ve Molekül Fiziği Anabilim Dalı, Turkey 2015 - Continues

Post Graduate, İstanbul Üniversitesi, Institute of Graduate Studies In Sciences, Atom Ve Molekül Fiziği Anabilim Dalı, Turkey 2012 - 2014

Under Graduate, İstanbul Üniversitesi, Faculty of Science, Fizik Bölümü, Pedagojik Formasyon, Turkey 2009 - 2012

Under Graduate, İstanbul Üniversitesi, Faculty of Science, Department of Physics, Turkey 2008 - 2012

### Certificates, Courses and Trainings

Vocational Training, NANOPARTİKÜL KARAKTERİZASYON METOTLARI, Lab Akademi , 2020

IT, Python Eğitimi, İstanbul İşletme Enstitüsü, 2020

IT, Temel Programlamaya Giriş Eğitimi, İstanbul İşletme Enstitüsü, 2020

Education Management and Planning, Elsevier Yazar Çalıştayı, Elsevier, 2018

Education Management and Planning, Elsevier Pathway Studio Çalıştayı, Elsevier, 2018

Education Management and Planning, COMPUTER AIDED DRUG DESIGN, SANKO UNIVERSITY, 2017

Education Management and Planning, QUANTUM MATTER AT ULTRALOW TEMPERATURES, INTERNATIONAL SCHOOL OF PHYSICS "ENRICO FERMI", 2014

Education Management and Planning, 7. Uluslararası Katılımlı Parçacık Hızlandırıcıları ve Dedektörleri Yaz Okulu, Türk Fizik Derneği, 2011

### Dissertations

Post Graduate, MET-SER DİPEPTİDİNİN TİTREŞİM FREKANS VE KİPLERİNİN KONFORMASYON ANALİZİ VE AB-INITIO DFT YÖNTEMLERİ İLE İNCELENMESİ, Istanbul University, Faculty of Science, Fizik, 2014

### Research Areas

Physics, Atomic and Molecular Physics, Theory of Atoms and Molecules, Atomic and Molecular Interactions, Natural Sciences

### Academic Titles / Tasks

Research Assistant, İstanbul Üniversitesi, Faculty of Science, Department of Physics, 2018 - Continues

Researcher, Freie Universitaet Berlin, Fachbereich Physik, Institut Für Theoretische Physik, 2019 - 2019

## Courses

Physics-II (uygulama), Under Graduate, 2020 - 2021

Fizik Laboratuvarı-III, Under Graduate, 2020 - 2021

Physics-II (Uyg) (Matematik Bölümü), Under Graduate, 2019 - 2020

Elektrik ve Manyetizma Laboratuvarı (YÖK TEBİP Üstün Başarı Sınıfları), Under Graduate, 2018 - 2019, 2019 - 2020, 2020 - 2021

Atom ve Molekül Fiziği Lab, Under Graduate, 2019 - 2020

Calculus-III (Uyg), Under Graduate, 2019 - 2020, 2020 - 2021

Mekanik Laboratuvarı (YÖK TEBİP Üstün Başarı Sınıfları-Fizik Bölümü), Under Graduate, 2017 - 2018, 2019 - 2020

Atom ve Molekül Fiziği Lab (TEBİP), Under Graduate, 2019 - 2020

Titreşim ve Dalgalar (TEBİP), Under Graduate, 2019 - 2020

Ord. and Par. Dif. Equ. (Uyg), Under Graduate, 2019 - 2020, 2020 - 2021

Mekanik Laboratuvarı (YÖK TEBİP Üstün Başarı Sınıfları-Biyoloji ve Kimya Bölümleri Grubu), Under Graduate, 2017 - 2018, 2019 - 2020

Physics-I (Uyg) (Matematik Bölümü), Under Graduate, 2019 - 2020

Fizik III (Astronomi Yeni Müfredat) Uygulama, Under Graduate, 2018 - 2019

Atom ve Molekül Fiziği I (Uygulama), Under Graduate, 2017 - 2018

Temel Bilgi Teknolojileri (Uygulama), Under Graduate, 2017 - 2018

Fizik III (Astronomi Eski Müfredat) Uygulama, Under Graduate, 2018 - 2019

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **New nanodrug design for cancer therapy: Its synthesis, formulation, in vitro and in silico evaluations**  
KILINÇ Y., Kecel-Gunduz S., Ozdemir B., BIÇAK B., AKMAN G., ARVAS B., AYDOĞAN F., YOLAÇAN Ç.  
ARCHIV DER PHARMAZIE, vol.353, no.11, 2020 (Journal Indexed in SCI)
- II. **In Silico design of AVP (4–5) peptide and synthesis, characterization and in vitro activity of chitosan nanoparticles**  
Kecel-Gunduz S., Budama-Kilinc Y., Çakır Koç R., Zorlu T., Bıçak B., Kokcu Y., Ozel A., Akyüz S.  
DARU, Journal of Pharmaceutical Sciences, vol.28, pp.139-157, 2020 (Journal Indexed in SCI Expanded)
- III. **Structural analysis, molecular dynamics and docking calculations of skin protective tripeptide and design, characterization, cytotoxicity studies of its PLGA nanoparticles**  
Kokcu Y., Kecel-Gunduz S., Budama-Kilinc Y., Cakir-Koc R., Bıçak B., Zorlu T., Ozel A., Akyuz S.  
Journal of Molecular Structure, vol.1200, 2020 (Journal Indexed in SCI Expanded)
- IV. **In silico Analysis of Sulpiride, Synthesis, Characterization and In vitro Studies of its Nanoparticle for the Treatment of Schizophrenia**  
Kecel-Gunduz S., Budama-Kilinc Y., Cakir-Koc R., Zorlu T., Bıçak B., Kokcu Y., Kaya Z., Özel A., Akyuz S.  
CURRENT COMPUTER-AIDED DRUG DESIGN, vol.16, no.2, pp.104-121, 2020 (Journal Indexed in SCI)
- V. **Papain Loaded Poly(epsilon-Caprolactone) Nanoparticles: In-silico and In-Vitro Studies**  
Budama-Kilinc Y., Cakir-Koc R., Kecel-Gunduz S., Zorlu T., Kokcu Y., Bıçak B., Karavelioglu Z., Ozel A. E.  
JOURNAL OF FLUORESCENCE, vol.28, pp.1127-1142, 2018 (Journal Indexed in SCI)
- VI. **Computational design of Phe-Tyr dipeptide and preparation, characterization, cytotoxicity studies of Phe-Tyr dipeptide loaded PLGA nanoparticles for the treatment of hypertension**  
Kecel-Gunduz S., Budama-Kilinc Y., Koc R. C., Kokcu Y., Bıçak B., Aslan B., Ozel A.  
Journal of Biomolecular Structure and Dynamics, vol.36, pp.2893-2907, 2018 (Journal Indexed in SCI Expanded)
- VII. **Novel NAC-loaded poly(lactide-coglycolide acid) nanoparticles for cataract treatment: Preparation, characterization, evaluation of structure, cytotoxicity, and molecular docking studies**  
Budama-Kilinc Y., Cakir-Koc R., Kecel-Gunduz S., Kokcu Y., Bıçak B., Mutlu H., E O.  
PeerJ, vol.2018, 2018 (Journal Indexed in SCI Expanded)
- VIII. **Structural and spectroscopic investigation on antioxidant dipeptide, L-Methionyl-L-Serine: A**

### **combined experimental and DFT study**

Kecel-Gunduz S., Bicak B., Celik S., Akyuz S., Ozel A.

Journal of Molecular Structure, vol.1137, pp.756-770, 2017 (Journal Indexed in SCI Expanded)

## **Articles Published in Other Journals**

- I. **IN SILICO ANALYSIS FOR CHARACTERIZING THE STRUCTURE AND BINDING PROPERTIES OF ALA-HIS-LYS (AHK) TRIPEPTIDE**  
Kecel Gündüz S., Koç E., Bıçak B., Kökcü Y., Özel A., Akyüz S.  
The Online Journal of Science and Technology, vol.10, no.3, pp.111-120, 2020 (Refereed Journals of Other Institutions)
- II. **The Interaction of Ile-Phe Dipeptide with Phosphatidylinositide 3-Kinase (PI3K): Molecular Dynamics and Molecular Docking Studies**  
Bıçak B., Kokcu Y., Kecel Gündüz S., Özel A., Akyüz S.  
Natural and Engineering Sciences (NESciences), no.1, pp.1, 2020 (Refereed Journals of Other Institutions)
- III. **Molecular Docking and Molecular Dynamics Studies of L-Glycyl-L-Glutamic Acid Dipeptide**  
Bıçak B., Kecel Gündüz S., Kokcu Y., Özel A., Akyüz S.  
Bilge International Journal of Science and Technology Research, vol.3, no.1, pp.1-9, 2019 (Refereed Journals of Other Institutions)
- IV. **COMPUTERISED DESIGNING OF DOXORUBICIN WITH BREAST CANCER CELLS**  
Sener L., Gunduz S., Şener A., Bicak B., Kokcu Y., Ozel A., Albeniz I.  
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESI DERGISI, vol.82, no.1, pp.40-46, 2019 (Journal Indexed in ESCI)
- V. **Use of the Comet Assay and Molecular Docking Techniques to Evaluate the Effect of Nicotine in Human Breast Cancer Cell Line**  
TÜRKER ŞENER L., KECEL GÜNDÜZ S., Şener A., Çelikok Y., BIÇAK B., KÖKCÜ Y., ÖZEL A., ALBENİZ I.  
International Journal of Scientific and Technological Research, vol.4, no.10, pp.1-15, 2018 (Refereed Journals of Other Institutions)

## **Books & Book Chapters**

- I. **Targeted Drug Delivery in Cancer Treatment**  
Bıçak B., Kecel Gündüz S., Özel A.  
in: Advancements in Cancer Therapeutics , Dr. Sumit Kumar,Dr. Saurabh Verma,Prof. Moshahid Alam Rizvi, Editor, IGI Global, Pennsylvania, pp.382-412, 2021
- II. **Computational Drug Design Methods Used in Cancer Studies**  
Kecel Gündüz S., Bıçak B., Özel A.  
in: Advancements in Cancer Therapeutics, Dr. Sumit Kumar,Dr. Saurabh Verma,Prof. Moshahid Alam Rizvi, Editor, IGI Global, Pennsylvania, pp.89-115, 2021
- III. **Drug delivery nanosystems for neural regenerative medicine**  
Kecel Gündüz S., Bıçak B., Özel A.  
in: NEURAL REGENERATIVE NANOMEDICINE, Mehdi Razavi, Editor, Academic Press , Oxford, pp.89-116, 2020

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **MOLECULAR DOCKING CALCULATIONS OF PIXANTRONE WITH TOPOISOMERASE II**  
Saları A., Kandemir M. C. , BIÇAK B., KECEL GÜNDÜZ S.  
Türk Fizik Derneği 35. Uluslararası Fizik Kongresi, Muğla, Turkey, 4 - 08 September 2019, pp.166

- II. DNA INTERACTION OF SOME HYDANTOIN-BASED DRUGS WITH MOLECULAR DOCKING CALCULATIONS**  
Kandemir M. C. , Saları A., BIÇAK B., KECEL GÜNDÜZ S.  
Türk Fizik Derneği 35. Uluslararası Fizik Kongresi, Muğla, Turkey, 4 - 08 September 2019, pp.158
- III. MOLECULAR DOCKING INVESTIGATION OF PIXANTRONE WITH B-DNA DODECAMER**  
Saları A., Kandemir M. C. , BIÇAK B., KECEL GÜNDÜZ S.  
Türk Fizik Derneği 35. Uluslararası Fizik Kongresi, Muğla, Turkey, 4 - 08 September 2019, pp.331
- IV. MOLECULAR DOCKING STUDIES OF PHENYTOIN, MEPHENYTOIN, AND ETHOTOIN WITH CYTOCHROME P450 3A4**  
Kandemir M. C. , Saları A., BIÇAK B., KECEL GÜNDÜZ S.  
Türk Fizik Derneği 35. Uluslararası Fizik Kongresi, Muğla, Turkey, 4 - 08 September 2019, pp.331
- V. IN SILICO ANALYSIS OF HAIR GROWTH PEPTIDE**  
KECEL GÜNDÜZ S., KOÇ E., BIÇAK B., ÖZEL A., AKYÜZ S.  
Türk Fizik Derneği 35. Uluslararası Fizik Kongresi, Muğla, Turkey, 4 - 08 September 2019, pp.163
- VI. IN SILICO ANALYSIS FOR CHARACTERIZING THE STRUCTURE,VIBRATIONASSIGNMENT, AND BINDING PROPERTIES OF ALA-HIS-LYS (AHK) TRIPEPTIDE**  
Kecel Gündüz S., Koç E., Bıçak B., Özel A., Akyüz S.  
International Science and Technology Conference (ISTEC), Praha, Czech Republic, 3 - 05 July 2019, pp.86
- VII. THE THEORETICAL CONFORMATIONAL ANALYSIS AND QUANTUM CHEMICAL CALCULATIONS OF ANTIOXIDANT TRIPEPTIDE**  
KÖKCÜ Y., BIÇAK B., KECEL GÜNDÜZ S., ÖZEL A.  
1st International Symposium on Graduate Research in Science, İstanbul, Turkey, 4 - 06 October 2018, pp.9
- VIII. THEORETICAL CONFORMATIONAL ANALYSIS OF L-ISOLEUCYL-L-PHENYLALANINE DIPEPTIDE**  
BIÇAK B., KECEL GÜNDÜZ S., ÖZEL A.  
1st International Symposium on Graduate Research in Science, İstanbul, Turkey, 4 - 06 October 2018, pp.9
- IX. Neuroprotective dipeptide AVP(4-5)-NH<sub>2</sub> loaded Chitosan Nanoparticle; In-silico and In-vitro Studies**  
KECEL GÜNDÜZ S., ÖZEL A., BIÇAK B., Kokcu Y., Budama Kilinc Y., Çakır Koç R., Zorlu T., AKYÜZ S.  
ICINSE 2018, Kiev, Ukraine, 7 - 10 September 2018, pp.5
- X. Molecular Docking And Molecular Dynamics Studies of L-Glycyl-L-Glutamic Acid Dipeptide**  
BIÇAK B., Kokcu Y., KECEL GÜNDÜZ S., ÖZEL A., AKYÜZ S.  
ICINSE 2018, Kiev, Ukraine, 7 - 10 September 2018, pp.3
- XI. Molecular Dynamic, Molecular Docking, Characterization And In-Vitro Studies of Sulpiride Loaded Chitosan Nanoparticles**  
KECEL GÜNDÜZ S., BIÇAK B., Kokcu Y., Budama Kilinc Y., Çakır Koç R., Zorlu T., AKYÜZ S., ÖZEL A.  
ICINSE 2018, Kiev, Ukraine, 7 - 10 September 2018, pp.1
- XII. MOLECULAR DOCKING AND MOLECULAR DYNAMICS STUDIES OF L-ISOLEUCYL-L-PHENYLALANINE DIPEPTIDE**  
BIÇAK B., KECEL GÜNDÜZ S., Kokcu Y., ÖZEL A.  
Turkish Physical Society 34 th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.28
- XIII. MOLECULAR DOCKING AND MOLECULAR DYNAMICS STUDIES OF N-TERMINAL FRAGMENT OF THE MAJOR VASOPRESSIN METABOLITE**  
KECEL GÜNDÜZ S., BIÇAK B., Kokcu Y., ÖZEL A.  
Turkish Physical Society 34 th International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.28
- XIV. PAPAİN LOADED POLYCAPROLACTON NANOPARTICLES: IN-SİLİCO AND IN-VİTRO STUDİES**  
BUDAMA-KILINC Y., Çakır Koç R., KECEL GÜNDÜZ S., Zorlu T., Kokcu Y., BIÇAK B., Karavelioğlu Z., ÖZEL A.  
2nd International Congress on Advances in Bioscience and Biotechnology (ICABB), 25 - 30 June 2018, pp.1
- XV. MOLECULAR DOCKİNG, MOLECULAR DYNAMİCS, OPTİMİZATİON AND CHARACTERİZATİON OF GHK-LOADED POLY(?- CAPROLACTONE) NANOPARTİCLES AS POTENTIAL ANTİ-CANCEROGENİC EFFECT ON GLİOBLASTOMA CANCER CELLS**  
KECEL GÜNDÜZ S., BUDAMA-KILINC Y., Çakır Koç R., Aslan B., Kokcu Y., BIÇAK B., ÖZEL A., AKYÜZ S.

- 2nd International Congress on Advances in Bioscience and Biotechnology (ICABB), 25 - 30 June 2018, pp.1
- XVII. **Antioxidant peptide Loaded poly(lactic-coglycolic acid) Nanoparticles: Molecular Design, Characterization and Molecular Docking Study**  
KECEL GÜNDÜZ S., KÖKCÜ Y., BIÇAK B., BUDAMA KILINÇ Y., ÇAKIR KOÇ R., ÖZEL A.  
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.1280-1281
- XVIII. **STRUCTURAL ANALYSIS OF SDKGATLTIKKEAFPAESKS PEPTIDE**  
BIÇAK B., KÖKCÜ Y., KECEL GÜNDÜZ S., ÖZEL A.  
Turkish Physical Society 33 th International Physics Congress, Muğla, Turkey, 6 - 09 September 2017, pp.1
- XIX. **MOLECULAR DYNAMIC MOLECULAR DOCKING HOMOLUMO MEP AND UVVIS ANALYSIS OF PHETYR DIPEPTIDE FOR THE TREATMENT OF HYPERTENSION**  
KECEL GÜNDÜZ S., KOKCU Y., BIÇAK B., ÖZEL A.  
Turkish Physical Society 33 th International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.251
- XX. **MOLECULAR DYNAMIC SIMULATION OF NAC MOLECULE**  
KÖKCÜ Y., BIÇAK B., KECEL GÜNDÜZ S., ÖZEL A.  
Turkish Physical Society 33 th International Physics Congress, Muğla, Turkey, 6 - 09 September 2017, pp.1
- XXI. **MOLECULAR MODELING OF FAGAAGSAKSAAGTASHVSI PEPTIDE**  
KÖKCÜ Y., BIÇAK B., KECEL GÜNDÜZ S., ÖZEL A.  
Turkish Physical Society 33 th International Physics Congress, Muğla, Turkey, 6 - 09 September 2017, pp.1
- XXII. **COMPUTATIONAL DESIGN OF IMMUNOGENIC PEPTIDE**  
KECEL GÜNDÜZ S., KÖKCÜ Y., BIÇAK B., ÖZEL A.  
Turkish Physical Society 33 th International Physics Congress, Muğla, Turkey, 6 - 09 September 2017, pp.1
- XXIII. **MOLECULAR DYNAMIC AND DOCKING STUDIES OF RGD PEPTIDE**  
BIÇAK B., KÖKCÜ Y., KECEL GÜNDÜZ S., ÖZEL A.  
Turkish Physical Society 33 th International Physics Congress, Muğla, Turkey, 6 - 09 September 2017, pp.1
- XXIV. **DETERMINATION OF CONFORMATIONAL AND STRUCTURAL FEATURES OF L-GLY-L-GLU DIPEPTIDE**  
BIÇAK B., KECEL GÜNDÜZ S., ÖZEL A.  
32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.1
- XXV. **THEORETICAL AND EXPERIMENTAL VIBRATIONAL STUDY OF MET-SER DIPEPTIDE**  
BIÇAK B., KECEL GÜNDÜZ S., ÖZEL A., ÇELİK S.  
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 27 August 2015, pp.1
- XXVI. **VIBRATIONAL SPECTROSCOPIC INVESTIGATION OF PROLINE-TYROSINE DIPEPTIDE**  
BIÇAK B., KECEL GÜNDÜZ S.  
10th International Student Conference Of The Balkan Physical Union, İstanbul, Turkey, 3 - 05 September 2013, pp.18
- XXVII. **Vibrational Spectroscopic Studies Of Analgesic Peptide**  
BIÇAK B., KECEL GÜNDÜZ S.  
Turkish Physical Society 30 th International Physics Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.1
- XXVIII. **Conformational Analysis Of L-Methionyl-L-Serine Dipeptide**  
BIÇAK B., KECEL GÜNDÜZ S., ÖZEL A.  
29th International Physics Congress, Muğla, Turkey, 5 - 08 September 2012, pp.1

## Supported Projects

KECEL GÜNDÜZ S., BIÇAK B., ÖZEL A., Project Supported by Higher Education Institutions, Structural analysis molecular dynamics and docking calculations of skin protective tripeptide and design characterization cytotoxicity studies of its PLGA nanoparticles, 2019 - Continues

KECEL GÜNDÜZ S., BIÇAK B., BUDAMA KILINÇ Y., Project Supported by Higher Education Institutions, Terapötik Peptid Yüklü Polimerik Nano İlaç Formülasyonlarının Geliştirilmesi ve Moleküler Modelleme Çalışmaları ile İncelenmesi, 2018 - Continues

ÖZEL A., KECEL GÜNDÜZ S., BIÇAK B., KÖKCÜ Y., Project Supported by Higher Education Institutions, Papain Loaded Polycaprolactone Nanoparticles Insilico and Invitro Studies, 2018 - 2019  
KECEL GÜNDÜZ S., BIÇAK B., ÖZEL A., Project Supported by Higher Education Institutions, Computational design of PheTyr dipeptide and preparation characterization cytotoxicity studies of PheTyr dipeptide loaded PLGA nanoparticles for the treatment of hypertension, 2018 - 2019  
ÖZEL A., KECEL GÜNDÜZ S., BIÇAK B., Project Supported by Higher Education Institutions, Novel NAC loaded poly lactideglycolide acid nanoparticles for cataract treatment preparation characterization evaluation of structure cytotoxicity and molecular docking studies, 2018 - 2019  
KECEL GÜNDÜZ S., ÖZEL A., AKYÜZ S., BIÇAK B., ÇELİK S., Project Supported by Higher Education Institutions, Conformational behavior structural and vibrational characterization of the carboxy terminal dipeptide of b-endorphin, 2018 - 2019

## Memberships / Tasks in Scientific Organizations

Türk Fizik Derneği, Member, 2018 - Continues, Turkey

## Scientific Refereeing

IGI Global, Chapter Scientific / Professional Book Published by Renowned Publishing Houses, April 2020  
IGI Global, Chapter Scientific / Professional Book Published by Renowned Publishing Houses, April 2020

## Edit Congress and Symposium Activities

Elsevier Yazar Çalıştayı, Attendee, İstanbul, Turkey, 2018  
34. TFD ULUSLARARASI FİZİK KONGRESİ, Attendee, Muğla, Turkey, 2018  
BİYOTEKNOLOJİK İLAÇLARDA GELECEK VE TÜRKİYE SEMPOZYUMU, Attendee, İstanbul, Turkey, 2018  
ELSEVIER PATHWAY STUDIO ÇALIŞTAYI, Attendee, İstanbul, Turkey, 2018  
33. TFD ULUSLARARASI FİZİK KONGRESİ, Attendee, Muğla, Turkey, 2017  
Innovation in Medicine Summit-3, Attendee, Gaziantep, Turkey, 2017  
32. TFD ULUSLARARASI FİZİK KONGRESİ, Attendee, Muğla, Turkey, 2016  
9. INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, Attendee, Turkey, 2015  
İ.Ü. 4. FİZİK ÇALIŞTAYI, Attendee, Turkey, 2014  
10.INTERNATIONAL STUDENT CONFERENCE OF THE BALKAN PHYSICAL UNION, Attendee, İstanbul, Turkey, 2013  
30. TFD ULUSLARARASI FİZİK KONGRESİ, Attendee, Turkey, 2013  
İ.Ü. 3. FİZİK ÇALIŞTAYI, Attendee, Turkey, 2013  
29. TFD ULUSLARARASI FİZİK KONGRESİ, Attendee, Muğla, Turkey, 2012  
İ.Ü. 2. FİZİK ÇALIŞTAYI, Attendee, İstanbul, Turkey, 2012  
7. Uluslararası Katılımlı Parçacık Hızlandırıcıları ve Dedektörleri Yaz Okulu, Attendee, Muğla, Turkey, 2011  
İ.Ü. FİZİK ÇALIŞTAYI, Attendee, İstanbul, Turkey, 2011

## Citations

Total Citations (WOS):31  
h-index (WOS):4

## Scholarships

