

## Assoc. Prof. MEHMET BATI

### Personal Information

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**Web:** [https://www.researchgate.net/profile/Mehmet\\_Bati2](https://www.researchgate.net/profile/Mehmet_Bati2)

### Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2010 - 2016

Postgraduate, Erciyes University, Fen Edebiyat Fakültesi, Fizik, Turkey 2007 - 2009

Undergraduate, Dokuz Eylul University, Fen Edebiyat Fakültesi, Fizik, Turkey 2001 - 2006

### Foreign Languages

Arabic, A1 Beginner

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Recent Progress in the Physics of Thermal Transport, ICTP-ECAR (ICTP – Eurasian Centre for Advanced Research), 2017

Education Management and Planning, Uygulamalı Proje Yazma Eğitimi, Doğu Karadeniz Kalkınma Ajansı, 2017

Education Management and Planning, Workshop on Photonics : Fundamentals & Applications, ICTP-ECAR, 2015

Education Management and Planning, Nanoaygıt Fiziği Yaz Okulu, Feza Gürsey Yaz ve Kış Bilim Okulları, 2015

Education Management and Planning, Advanced Workshop on Landau-Zener Interferometry and Quantum Control in Condensed Matter, ICTP – Eurasian Centre for Advanced Research, 2014

Education Management and Planning, TÜBİTAK F. Gürsey Enstitüsü 2008 yoğun programlı FAZ GEÇİŞLERİ ve

Renormalizasyon Grub dersi, Feza Gürsey Enstitüsü, 2008

Education Management and Planning, ITAP-IARS-Fundamental Concepts and Methods in Theoretical Condensed Matter Physics, ITAP-IARS, 2007

Foreign Language, Dokuz Eylül Üniversitesi, Yabancı diller Yükseokulu, 2001

### Dissertations

Doctorate, Denge-Dışı Green Fonksiyonu Yöntemi Kullanılarak Çift Bariyer Yapısında Elektronik Taşınımın İncelenmesi,, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Fizik, 2016

Postgraduate, Karma Spin (1, 5/2) Isın Sisteminin Dengeli ve Dengesiz Davranışları. , Erciyes University, Makine ve Metal Teknolojileri Bölümü, Fizik, 2009

### Research Areas

Physics, General Physics, Mathematical Methods in Physics, Statistical physics, thermodynamic and nonlinear dynamic systems, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Equations of State, Phase Equilibria, and

Phase Transitions, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Magnetic Properties and Materials, Electronic transport in condensed matter, Natural Sciences

## Academic Titles / Tasks

Associate Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Fizik Bölümü, 2019 - Continues  
Assistant Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Fizik Bölümü, 2018 - 2019  
Assistant Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Fizik Bölümü, 2018 - 2018  
Research Assistant PhD, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Fizik Bölümü, 2016 - 2018  
Research Assistant, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Fizik, 2011 - 2016  
Research Assistant, Erciyes University, Fen Bilimleri Enstitüsü, Fizik, 2009 - 2011  
Research Assistant, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Fizik Bölümü, 2009 - 2009

## Academic and Administrative Experience

Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Fizik, 2018 - Continues  
Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Fizik, 2018 - Continues

## Courses

Statistical MEchanic, Postgraduate, 2020 - 2021  
Applied Engineering Physics, Undergraduate, 2019 - 2020  
Optoelectronic, Postgraduate, 2019 - 2020  
Engineering Physics, Undergraduate, 2020 - 2021  
Basic Information Technologies, Undergraduate, 2019 - 2020  
Software Programs in Physics, Undergraduate, 2019 - 2020  
MATLAB programı ve uygulamaları, Undergraduate, 2020 - 2021  
Mühendislik Fiziği, Undergraduate, 2018 - 2019, 2019 - 2020  
Temel Bilgi Teknolojileri, Undergraduate, 2019 - 2020  
İstatistik Mekanik, Postgraduate, 2019 - 2020  
Temel Bilgi Teknolojileri II, Undergraduate, 2017 - 2018  
Modern Fiziğin Kavramları, Undergraduate, 2018 - 2019  
Temel Bilgi Teknolojileri I, Undergraduate, 2017 - 2018  
Fizik 1 Uygulama, Undergraduate, 2013 - 2014  
Kuantum mekaniği 1 Uygulama, Undergraduate, 2012 - 2013  
Kuantum mekaniği 2 Uygulama, Undergraduate, 2012 - 2013  
Fizik Laboratuvarı 4, Undergraduate, 2009 - 2010  
Fizik Laboratuvarı 2, Undergraduate, 2009 - 2010  
İstatistik Mekanik Uy., Undergraduate, 2009 - 2010  
Elektronik Lab., Undergraduate, 2009 - 2010  
Fizik Laboratuvarı 3, Undergraduate, 2008 - 2009

## Jury Memberships

Post Graduate, Tez Savunma Dilek ZENGİN, Recep Tayyip Erdoğan Üniversitesi, April, 2019

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

- I. **Dynamic magnetic properties of a mixed ferro-ferrimagnetic ternary alloy in the form of  $AB(p)C(1-p)$  with single-ion anisotropy**  
BATI M., ERTAŞ M.  
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.573, 2021 (Journal Indexed in SCI)
- II. **Magnetic properties of spin-7/2 Blume-Capel chain under a magnetic field**  
Karimou M., BATI M.  
SOLID STATE COMMUNICATIONS, vol.324, 2021 (Journal Indexed in SCI)
- III. **Dynamic magnetic features of a mixed ferro-ferrimagnetic ternary alloy in the form of  $AB(p)C(1-p)$**   
BATI M., ERTAŞ M.  
EUROPEAN PHYSICAL JOURNAL PLUS, vol.136, no.1, 2021 (Journal Indexed in SCI)
- IV. **The effects of the intense laser field on the resonant tunneling properties of the symmetric triple inverse parabolic barrier double well structure**  
BATI M.  
PHYSICA B-CONDENSED MATTER, vol.594, 2020 (Journal Indexed in SCI)
- V. **Dynamic critical phenomena in a multilayer Ising system**  
ERTAŞ M., BATI M.  
CHINESE JOURNAL OF PHYSICS, vol.66, pp.724-732, 2020 (Journal Indexed in SCI)
- VI. **Dynamic hysteresis and compensation behaviors of the bilayer Blume-Capel model under an oscillating magnetic field**  
Bati M.  
MODERN PHYSICS LETTERS B, vol.33, no.30, 2019 (Journal Indexed in SCI)
- VII. **Magnetic properties of the spin-5/2 Blume-Capel chain in a magnetic field**  
Sensoy M. G. , Bati M.  
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.113, pp.21-24, 2019 (Journal Indexed in SCI)
- VIII. **Electronic Transport and Resonant Tunneling Properties of Hyperbolic Poschl-Teller Double-Barrier Structures**  
Bati M.  
JOURNAL OF COMPUTATIONAL AND THEORETICAL TRANSPORT, vol.48, no.2, pp.66-76, 2019 (Journal Indexed in SCI)
- IX. **Dynamic hysteresis loops of the spin-2 bilayer Ising model**  
ERTAŞ M., Bati M., Temizer U.  
CHINESE JOURNAL OF PHYSICS, vol.56, no.3, pp.807-818, 2018 (Journal Indexed in SCI)
- X. **Resonant tunneling properties of inverted Morse double quantum barrier**  
Bati M.  
CHINESE JOURNAL OF PHYSICS, vol.56, no.2, pp.593-597, 2018 (Journal Indexed in SCI)
- XI. **Mixed Spin (1,5/2) Ising Ferromagnetic Blume-Capel Model Under Time-Dependent Sinusoidal Magnetic Field: an Effective-Field Theory Analysis**  
Bati M.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.31, no.3, pp.821-831, 2018 (Journal Indexed in SCI)
- XII. **Effect of the Hamiltonian parameters on the hysteresis properties of the kinetic mixed spin (1/2,1) Ising ferrimagnetic model on a hexagonal lattice**  
Bati M., ERTAŞ M.  
PHYSICA B-CONDENSED MATTER, vol.513, pp.40-47, 2017 (Journal Indexed in SCI)
- XIII. **Dynamic magnetic hysteresis properties of two-dimensional ferrimagnetic structures containing high-spin ( $S=5/2$ ) and low-spin ( $S=1/2$ )**  
Bati M., ERTAŞ M.  
PHASE TRANSITIONS, vol.90, no.9, pp.863-872, 2017 (Journal Indexed in SCI)
- XIV. **Dynamic Magnetic Hysteresis Properties in a Two-Dimensional Mixed Ising System Designed with Integer and Half-Integer Spins**

Bati M., ERTAŞ M.

JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.29, no.11, pp.2835-2841, 2016 (Journal Indexed in SCI)

- XV. **Effect of the Hamiltonian parameters on Blume-Capel Ising ferromagnet system with single-ion anisotropy**

Bati M., ERTAŞ M.

SUPERLATTICES AND MICROSTRUCTURES, vol.98, pp.259-266, 2016 (Journal Indexed in SCI)

- XVI. **Electron transport in electrically biased inverse parabolic double-barrier structure**

Bati M., Sakiroglu S., Sokmen I.

CHINESE PHYSICS B, vol.25, no.5, 2016 (Journal Indexed in SCI)

- XVII. **Dynamic Phase Diagrams of a Mixed Spin-1 and Spin-5/2 Ising System in an Oscillating Magnetic Field**

KESKİN M., Canko O., Bati M.

JOURNAL OF THE KOREAN PHYSICAL SOCIETY, vol.55, no.4, pp.1344-1356, 2009 (Journal Indexed in SCI)

- XVIII. **The effective-field study of a mixed spin-1 and spin-5/2 Ising ferrimagnetic system**

Deviren B., Bati M., KESKİN M.

PHYSICA SCRIPTA, vol.79, no.6, 2009 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Hierarchical clustering of selected countries according to the variables of population, national income and exports of goods and services**

Ertas S. A. , Bati M.

Ömer Halisdemir Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.14, no.4, pp.1328-1339, 2021 (National Refreed University Journal)

- II. **Investigation of Relation of Electron Transmission and Energy State to Structure Parameters and The Intense Laser Field in The Triple Inverse Parabolic Quantum Barrier Double Well Potential**

Bati M.

International journal of advances in engineering and pure sciences (Online), vol.33, no.2, pp.243-249, 2021 (National Refreed University Journal)

- III. **TÜRKİYE VE AVRUPA ÜLKERİNİN SOSYAL HİZMET POLİTİKALARININ ÇEŞİTLİ GÖSTERGELER AÇISINDAN KARŞILAŞTIRILMASI**

ERTAŞ S. A. , BATI M.

Euroasia Journal of Social Sciences Humanities, pp.21-28, 2020 (Refereed Journals of Other Institutions)

- IV. **Dynamic Hysteresis Properties of Mixed Spin (1, 5/2) Ising Ferrimagnetic Blume- Capel Model: An Effective-Field Theory Analysis**

BATI M., ERTAŞ M.

Advanced Science, Engineering and Medicine, vol.11, pp.583-586, 2019 (Refereed Journals of Other Institutions)

- V. **Resonant Tunneling Properties of Gaussian Double Barrier Potential and Effect of the Electric Field Bias**

BATI M.

Cumhuriyet Science Journal, vol.40, no.1, pp.158-161, 2019 (International Refereed University Journal)

- VI. **Investigation of Magnetic Properties of Spin 5/2 Ising Chain by Using Transfer Matrix Method**

ŞENSOY M. G. , BATI M.

Sakarya University Journal of Science, vol.22, no.6, pp.1901-1906, 2018 (Refereed Journals of Other Institutions)

- VII. **Investigation of Magnetic Properties of Spin 5/2 Ising Chain by Using Transfer Matrix Method**

ŞENSOY M. G. , BATI M.

SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.22, no.6, pp.1, 2018 (National Refreed University Journal)

- VIII. **Testere Dışı Çift Bariyer Yapısında Rezonans Tünelleme Olayının İncelenmesi**

Bati M.

Academic Platform-Journal of Engineering and Science, vol.5, no.3, pp.95-100, 2017 (Other Refereed National Journals)

**IX. Testere dişi çift bariyer yapısında rezonans tünelleme olayının incelenmesi**

BATI M.

Academic Platform-Journal of Engineering and Science, vol.5, pp.91-96, 2017 (Other Refereed National Journals)

**X. Milli Mücadele Savaşlarının En Küçük Örtünme Ağaç Yöntemi İle İncelenmesi**

YILDIZ M., BATI M., ŞAHİN M.

CELAL BAYAR ÜNİVERSİTESİ SOSYAL BİLİMLER DERGİSİ, vol.15, no.3, pp.19-36, 2017 (International Refereed University Journal)

**XI. 2002-2016 Tarihleri Arasında Milletvekilliği Genel Seçimlerinde Siyasi Partilerin Aldıkları Oylar Arası İlişkilerin İstatistiksel Analizi**

BATI M., YILDIZ M.

Memleket Siyaset Yönetim, vol.12, no.23, pp.135-150, 2017 (Other Refereed National Journals)

**XII. Electronic energy state and transmission properties study of parabolic double quantum well using Non-equilibrium Green function method**

Bati M.

Turkish Journal of Materials, vol.1, pp.15-18, 2016 (Refereed Journals of Other Institutions)

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

**I. Terslenmiş Morse Çift Kuantum Potansiyel Bariyerinde Elektron İletimi ve Rezonans Tünelleme**

Bati M.

INTERNATIONAL ONLINE CONFERENCES ON ENGINEERING AND NATURAL SCIENCES, Gümüşhane, Turkey, 5 - 07 July 2021, pp.1

**II. DENGİ DİŞİ GREEN FONKSİYONU YÖNTEMİ İLE KUANTUM SİSTEMLERİN ENERJİ SEVİYELERİNİN TESPİTİ**

BATI M.

2. Uluslararası Uygulamalı Bilimler Kongresi, 23 - 25 August 2019

**III. Dünyadaki Çay Üretimi Yapan Ülkeler Arasındaki Çay Üretim Miktarlarının Değişim İlişkilerinin İstatistiksel Analizi**

ŞAHİN M., BATI M.

V. Uluslararası Mesleki ve Teknik Bilimler Kongresi, 7 - 09 December 2018

**IV. DÜNYADAKİ ÇAY ÜRETİMİ YAPAN ÜLKELER ARASINDAKİ ÇAY ÜRETİM MİKTARLARININ DEĞİŞİM İLİŞKİLERİNİN İSTATİSTİKSEL ANALİZİ**

ŞAHİN M., BATI M.

UMTEB - 4. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, Erzurum, Turkey, 7 - 09 December 2018, pp.1

**V. Magnetic properties and plateaus behavior of the spin-5/2 chain compounds: A Blume-Capel model**

BATI M., ŞENSOY M. G.

34th International Physics Conference of Turkish Physical Society, Muğla, Turkey, 5 - 09 September 2018, pp.541

**VI. Electronic transport properties of hyperbolic Pöschl-Teller multi-barrier structures**

BATI M.

34th International Physics Conference of Turkish Physical Society, Muğla, Turkey, 5 - 09 September 2018, pp.278

**VII. Magnetic properties and plateaus behavior of the spin-5/2 chain compounds: A Blume-Capel model**

BATI M., ŞENSOY M. G.

34th International Physics Conference of Turkish Physical Society, Muğla, Turkey, 5 - 09 September 2018, pp.541

**VIII. Karma spin (1-5/2) Ising sisteminin kare örgüde dinamik manyetik faz diyagramları ve histerezis özellikleri**

BATI M.

25. İstatistiksel Fizik Günleri, Turkey, 28 - 30 June 2018

- IX. **Effect of time dependent sinusoidal magnetic field on mixed spin (1, 5/2) Ising ferromagnetic Blume-Capel model: An Effective-Field Theory analysis.**  
BATI M., ERTAŞ M.  
2nd International Science Symposium (ISS2017) Tiflis-Gürcistan, Tiflis, Georgia, 5 - 09 September 2017
- X. **Dynamic hysteresis properties of mixed spin (1, 5/2) Ising ferrimagnetic Blume-Capel model: An Effective-Field Theory analysis**  
BATI M., ERTAŞ M.  
4th International Conference on Computational and Experimental Science and Engineering (ICCESSEN 2017), Antalya, Turkey, 4 - 09 October 2017
- XI. **Milli Mücadele Dönemi Savaşlarının Minimum Örtünme Ağaç Yöntemi ile İncelenmesi**  
Yıldız M., Batı M., Şahin M.  
2nd International Science Symposium (ISS2017) Tiflis-Gürcistan, Tbilisi, Georgia, 5 - 09 September 2017, pp.20-34
- XII. **Ters parabolik çoklu kuantum bariyer yapısında rezonant tünelleme olayı**  
BATI M., ŞAKİROĞLU S., SÖKMEN İ.  
2017 Yoğun Madde Fiziği İzmir Toplantısı, İzmir, Turkey, 21 April 2017
- XIII. **Electronic energy state and transmission properties study of triple barrier parabolic double quantum well using Non-Equilibrium Green function method**  
BATI M.  
4th International Conference on Computational and Experimental Science and Engineering (ICCESSEN 2017), Antalya, Turkey, 4 October - 09 January 2017
- XIV. **Dynamic hysteresis properties in a two dimensional mixed Ising system designed with integer and half integer spins**  
BATI M.  
Turkish Physical Society 32nd International Physics congress, 6 - 09 September 2016
- XV. **Denge dışı Green fonksiyonu yöntemi kullanılarak kuantum çift bariyer yapılarında elektronik taşınımın incelenmesi**  
BATI M., ŞAKİROĞLU S., SÖKMEN İ.  
IV İzmir Genç Fizikçiler Kongresi, Turkey, 12 - 14 October 2016
- XVI. **Electron transport in electrically biased inverse parabolic double barrier structure**  
BATI M., ŞAKİROĞLU S., SÖKMEN İ.  
Turkish Physical Society 32nd International Physics congress, 6 - 09 September 2016
- XVII. **Bir boyutlu nano cihazlarda taşınımın denge dışı Green fonksiyonu ile incelenmesi**  
BATI M., ŞAKİROĞLU S., AKGÜNGÖR K., SÖKMEN İ.  
2015 Yoğun Madde Fiziği İzmir Toplantısı, Turkey, 17 - 19 April 2015
- XVIII. **Denge dışı Green fonksiyonu rezonans tünelleme cihazı**  
BATI M., AKGÜNGÖR K., ŞAKİROĞLU S., SÖKMEN İ.  
2014 Yoğun Madde Fiziği İzmir Toplantısı, Turkey, 11 April 2014
- XIX. **A novel symmetry behaviors in the magnetic properties of the mixed core shell Ising nanowire**  
NUMAN Ş., BATI M., KESKİN M.  
NANOTR8, 25 - 29 June 2012
- XX. **Denge dışı Green fonksiyonları ile nano cihaz modelleme**  
BATI M., AKGÜNGÖR K., SÖKMEN İ.  
2012 Yoğun Madde Fiziği İzmir Toplantısı, Turkey, 6 - 08 April 2012
- XXI. **The effective field study of a mixed spin 1 and spin 5/2 Ising ferrimagnetic system**  
DEVİREN B., BATI M., KESKİN M.  
16. İstatistiksel Fizik Günleri, Turkey, 25 - 27 June 2009
- XXII. **Yenilenebilir enerji kaynakları rüzgar enerjisi**  
BATI M.  
Fourth international student conference of the balkan physical union, 29 August - 01 September 2006

## Other Publications

### I. KUANTUM İSTATİSTİK MEKANİK

BATI M.

Lecture Note, pp.108-218, 2007

## Supported Projects

BATI M., TUBITAK Project, Kinetik Karma-Spin (Yarım Tamsayılı-Tamsayılı, Yarım Tamsayılı-Yarım Tamsayılı ve Tamsayılı-Tamsayılı) Sistemlerinde Dinamik Faz Geçişleri: Sıcaklık-Manyetik Alan Genliği ve Sıcaklık-Etkileşim Parametreleri Düzlemlerinde Dinamik Faz Diyagramları, 2007 - 2009

## Activities in Scientific Journals

International Letters of Chemistry, Physics and Astronomy, Editor, 2018 - Continues

Turkish Journal of Materials, Publication Committee Member, 2016 - Continues

## Memberships / Tasks in Scientific Organizations

Türk Fizik Derneği, Member, 2016 - Continues

## Scientific Refereeing

EUROPEAN PHYSICAL JOURNAL B, SCI Journal, July 2021

International Journal Of Modern Physics B, SCI Journal, May 2021

MODERN PHYSICS LETTERS B, SCI Journal, October 2020

Journal of Physics: Condensed Matter, SCI Journal, January 2020

Journal of Magnetism and Magnetic Materials, SCI Journal, January 2020

Chinese Journal of Physics, SCI Journal, January 2020

Project Supported by Higher Education Institutions, January 2020

Chinese Journal of Physics, SCI Journal, December 2019

Journal of Magnetism and Magnetic Materials, SCI Journal, November 2019

Journal of Physics Condensed Matter , SCI Journal, September 2019

Smart materials and structure, SCI Journal, July 2019

Project Supported by Higher Education Institutions, July 2019

Chinese Journal of Physics, SCI Journal, January 2019

Journal of magnetism and magnetic metarials, SCI Journal, October 2018

Journal of magnetism and magnetic metarials, SCI Journal, October 2018

Journal of Physics: Condensed Matter, SCI Journal, September 2018

Journal of Magnetism and Magnetic Materials, SCI Journal, September 2018

International Journal of Thermophysics, SCI Journal, September 2018

Journal of Magnetism and Magnetic Materials, SCI Journal, August 2018

Journal of Physics: Condensed Matter, National Scientific Refreed Journal, August 2018

IJMP, SCI Journal, May 2018

Journal of Physics: Condensed Matter, SCI Journal, April 2018

Journal of Physics: Condensed Matter, SCI Journal, March 2018

International Journal of Modern Physics B, SCI Journal, March 2018

Project Supported by Higher Education Institutions, February 2018

Akademik Platform Mühendislik ve Fen Bilimleri Dergisi, National Scientific Refreed Journal, January 2018  
JMMM, SCI Journal, September 2017  
Journal of magnetism and magnetic materials, SCI Journal, August 2017  
Chinese Journal of Physics, SCI Journal, July 2017  
Modern Physics Letters B, SCI Journal, May 2017  
Helion, SCI Journal, April 2017  
Physica A, SCI Journal, March 2017  
JOURNAL OF APPLIED PHYSICS, SCI Journal, May 2015  
JOURNAL OF APPLIED PHYSICS, SCI Journal, October 2014

## Edit Congress and Symposium Activities

INTERNATIONAL ONLINE CONFERENCES ON ENGINEERING AND NATURAL SCIENCES, Attendee, Gümüşhane, Turkey, 2021  
2. Uluslararası Uygulamalı Bilimler Kongresi, Attendee, Rize, Turkey, 2019  
UMTEB - 4. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, Attendee, Erzurum, Turkey, 2018  
Türk Fizik Derneği 34. Uluslararası Fizik Kongresi, Attendee, Muğla, Turkey, 2018  
24. İstatistiksel Fizik Günleri, Attendee, İzmir, Turkey, 2018  
YMF İzmir Toplantısı, Attendee, İzmir, Turkey, 2018  
4th International Conference on Computational and Experimental Science and Engineering (ICCESN 2017), Attendee, Antalya, Turkey, 2017  
ISS2017 International Science Symposium, Attendee, Tbilisi, Georgia, 2017  
Recent Progress in Physics of thermal transport, Attendee, İzmir, Turkey, 2017  
Yoğun Madde Fiziği İzmir Toplantısı, Attendee, İzmir, Turkey, 2017  
GEFİK 2016 Genç Fizikçiler Toplantısı, Attendee, İzmir, Turkey, 2016  
TFD 32. Uluslar arası Fizik Kongresi, Attendee, Muğla, Turkey, 2016  
Workshop on Photonics : Fundamentals & Applications (ICTP-ECAR), Attendee, İzmir, Turkey, 2015  
Nanoaygıt Fiziği Yaz Okulu, Attendee, İstanbul, Turkey, 2015  
YMF İzmir Toplantısı, Attendee, Turkey, 2015  
Advanced Workshop on Landau-Zener Interferometry and Quantum Control in Condensed Matter, Attendee, Turkey, 2014  
YMF İzmir Toplantısı, Attendee, Turkey, 2014  
GEFİK 2013 "İzmir Genç Fizikçiler Kongresi", Attendee, İzmir, Turkey, 2013  
Coherence and Condensation in Low Dimensional Systems, Attendee, Turkey, 2012  
Eurasia-Pacific Summer School & Workshop on Strongly Correlated Electrons, Attendee, Muğla, Turkey, 2012  
NANOTR8, Attendee, Ankara, Turkey, 2012  
GEFİK 2012 İzmir Genç Fizikçiler Kongresi, Attendee, Turkey, 2012  
YMF İzmir Toplantısı, Attendee, Turkey, 2012  
Cost Action MP0805 Izmir Meeting and Training School, Attendee, İzmir, Turkey, 2011  
16. İstatistiksel Fizik Günleri, Attendee, Turkey, 2009  
Etkin Alan Teorisi" TÜBİTAK F. Gürsey Enstitüsü 2008 yoğun programlı FAZ GEÇİŞLERİ ve Renormalizasyon Grub dersi, Attendee, İstanbul, Turkey, 2008  
ITAP IARS Fundamental Concepts and Methods in Theoretical Condensed Matter Physics, Attendee, Turkey, 2007  
Fourth international student conference of the balkan physical union, Attendee, Muğla, Turkey, 2006

## Citations

Total Citations (WOS):105

h-index (WOS):6



## Awards

BATI M., Certificate of outstanding contribution in reviewing, Journal of Magnetism and Magnetic Materials - Elsevier, April 2018

BATI M., Certificate of Reviewing, Journal of Magnetism and Magnetic Materials - Elsevier, August 2017

BATI M., Fen Edebiyat Fakülte Birinciliği, Dokuz Eylül Üniversitesi, June 2006