

Assoc. Prof. Murat Aycibin

Personal Information

Office Phone: [+90 444 506 5278](tel:+904445065278) Extension: 58

Office Phone: [+90 432 444 5065](tel:+904324445065) Extension: 27858

Email: murataycibin@yyu.edu.tr

Web: <https://avesis.yyu.edu.tr/murataycibin>

Address: Yüzüncü Yıl Üni. Fen Fakültesi Fizik Bölümü Zeve Kampüs Tuşba Van

Education Information

Doctorate, University of Georgia, Graduate College, Physics, United States Of America 2005 - 2009

Postgraduate, University of Iowa, Graduate College, Physics, United States Of America 2003 - 2005

Undergraduate, Ege University, Fen Fakültesi, Fizik Bölümü, Turkey 1995 - 1999

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Luminescence Properties of Octahedrally Coordinate Eu ions, University of Georgia, Graduate College, Physics, 2009

Research Areas

Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Lattice Dynamics, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Electronic structure of bulk material, Electrical properties of electronic structures, interfaces, thin films and low-dimensional structures, Optical Properties, Spectroscopy of Matter, Natural Sciences

Academic Titles / Tasks

Associate Professor, Van Yüzüncü Yil University, Fen Fakültesi , Fizik, 2018 - Continues

Assistant Professor, Van Yüzüncü Yil University, Fen Fakültesi, Fizik, 2010 - 2018

Research Assistant, University of Georgia, Science Dept., Physics, 2005 - 2009

Academic and Administrative Experience

Van Yüzüncü Yil University, Fizik, 2011 - 2016

Courses

General Physics I, Undergraduate, 2020 - 2021
Kuantum Mekaniğine Giriş I, Doctorate, 2020 - 2021
İleri Kuantum Mekaniği II, Doctorate, 2019 - 2020
İleri Kuantum Mekaniği I, Postgraduate, 2020 - 2021
Genel Fizik I, Undergraduate, 2020 - 2021
Katılarda Bant Teorisi, Postgraduate, 2020 - 2021
Theoretical Mechanics, Doctorate, 2019 - 2020
Genel Fizik II, Undergraduate, 2014 - 2015, 2015 - 2016
Yoğunluk Fonksiyonlar Teorisi, Doctorate, 2015 - 2016
Elektro Magnetik Alan Teorisi II, Undergraduate, 2015 - 2016
İleri Kuantum Mekaniği I, Postgraduate, 2015 - 2016
Elektro Magnetik Alan Teorisi II, Undergraduate, 2014 - 2015
Yalıtkan Fiziğine Giriş, Postgraduate, 2014 - 2015
Genel Fizik I, Undergraduate, 2014 - 2015, 2015 - 2016
Physics II, Undergraduate, 2010 - 2011
General Physics II, Undergraduate, 2010 - 2011
Quantum Mechanics II, Undergraduate, 2010 - 2011
Mesleki İngilizce, Undergraduate, 2010 - 2011
Physics I, Undergraduate, 2010 - 2011
Physics I, Undergraduate, 2010 - 2011

Advising Theses

Aycibin M., ZnO'nun Yasak Bant Aralığı üzerinde Katkı malzemelerinin etkisi: Deneysel ve Teorik Çalışma, Postgraduate, M.Hamed(Student), 2021
Aycibin M., INVESTIGATION ON FORBIDDEN BAND GAP OF CuO DOPED WITH Mn AND Y, Postgraduate, B.HUSSEIN(Student), 2021
Aycibin M., CaNb₂O₆ BİLEŞİĞİNİN ODA SICAKLIĞINDA ELEKTRONİK VE OPTİK ÖZELLİKLERİNİN İNCELENMESİ, Postgraduate, Ü.DUMAN(Student), 2020
Aycibin M., BiRhO₃ Kristalinin Fiziksel Özelliklerinin DFT ile incelenmesi, Postgraduate, N.Ece(Student), 2017

Jury Memberships

Post Graduate, Post Graduate, Van Yüzüncü Yıl Üniversitesi, July, 2020
Doctorate, Doktora Tez savunması, Dicle Üniversitesi, January, 2018
Post Graduate, Yüksek Lisans Tez Juri Üyeliği, Yüzüncü Yıl Üniversitesi, June, 2017
Post Graduate, Yüksek Lisans Tez Savunma Jürisi, Yuzuncu Yil Uni. Science Dep. Physics, Zeve Campus Merkez, March, 2017
Post Graduate, Tez Savunma Jürisi, Yüzüncü Yıl Üniversitesi, August, 2016
Post Graduate, Yüksek Lisans Tez Savunma Jürisi, Yuzuncu Yil Uni. Science Dep., December, 2015

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

- I. **The Electronic, Structural, and Optical Properties of CaNb₂O₆ Compound: Theoretical Study**
Aycibin M., Özdemir Ö. F., Duman U.
Physica Status Solidi B-Basic Solid State Physics, pp.1-6, 2021 (Journal Indexed in SCI Expanded)
- II. **Physical properties of ultrasonically spray deposited Yttrium-doped SnO₂ nanostructured films: supported by DFT study**

Kaya E., Uğur A., Gencer Imer A., Aycibin M., Ocak Y. S.

Applied Physics A: Materials Science and Processing, vol.127, no.4, 2021 (Journal Indexed in SCI)

- III. **Ab-initio study of CsGeCl₃ compound in paraelectric and ferroelectric phases**
Erdinc B., Secuk M. N. , Aycibin M., GÜLEBAGAN S. E. , Dogan E., Akkuş H.
FERROELECTRICS, vol.494, no.1, pp.138-149, 2016 (Journal Indexed in SCI)
- IV. **Linear Optical Properties of Ferroelectric Semiconductor Bi₂NbO₅F Crystal**
DURAN D., Erdinc B., Aycibin M., Akkuş H.
Ferroelectrics, vol.486, no.1, pp.25-32, 2015 (Journal Indexed in SCI)
- V. **Electronic Structure and Lattice Dynamics of BaCeO₃ Compound in Cubic Phase**
Aycibin M., Erdinc B., Akkuş H.
JOURNAL OF ELECTRONIC MATERIALS, vol.43, no.11, pp.4301-4307, 2014 (Journal Indexed in SCI)
- VI. **Physical properties of RbAu compound**
Aycibin M., Dogan E., Gulebaglan S. E. , Nurullah Secuk M., Erdinc B., Akkuş H.
Computational Condensed Matter, vol.1, no.1, pp.32-37, 2014 (Journal Indexed in SCI Expanded)
- VII. **Structural and electronic properties of zincblende phase of Tl (x) Ga_{1-x} As (y) P_{1-y} quaternary alloys: First-principles study**
Gulebaglan S., Doğan E., Aycibin M., Secuk M. N. , Erdinc B., Akkuş H.
CENTRAL EUROPEAN JOURNAL OF PHYSICS, vol.11, no.12, pp.1680-1685, 2013 (Journal Indexed in SCI)
- VIII. **Structural, thermodynamic and phonon properties of SbSi and SbSBr single crystals**
Doğan E., Aycibin M., Gulebaglan S., SECUK M. N. , ERDINC B., Akkuş H.
JOURNAL OF THE KOREAN PHYSICAL SOCIETY, vol.63, no.11, pp.2133-2137, 2013 (Journal Indexed in SCI)
- IX. **Luminescence excitation spectra of TbX₃ (X = Cl-, Br-, I-)**
SRIVASTAVA A. M. , COMANZO H. A. , CAMARDELLO S. J. , Aycibin M., HAPPEK U.
OPTICAL MATERIALS, vol.34, no.4, pp.591-595, 2012 (Journal Indexed in SCI)
- X. **Explanation for the variance of the Ce³⁺ emission energy in LnI₃ [Ln = Lu³⁺, Y³⁺, Gd³⁺]**
SRIVASTAVA A., CAMARDELLO S., COMANZO H., Aycibin M., HAPPEK U.
Optical Materials, vol.32, no.9, pp.936-940, 2010 (Journal Indexed in SCI)
- XI. **Unusual luminescence of octahedrally coordinated divalent europium ion in Cs₂M₂+P₂O₇ (M₂+ =Ca, Sr)**
SRIVASTAVA A., COMANZO H., CAMARDELLO S., CHANEY S., Aycibin M., HAPPEK U.
Journal of Luminescence, vol.129, no.9, pp.919-925, 2009 (Journal Indexed in SCI)
- XII. **A laboratory investigation of light scattering from representative components of mineral dust aerosol at a wavelength of 550 nm**
Curtis D. B. , Meland B., Aycibin M., Arnold N. P. , Grassian V. H. , Young M. A. , Kleiber P. D.
JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, vol.113, 2008 (Journal Indexed in SCI)
- XIII. **Simultaneous measurement of light-scattering properties and particle size distribution for aerosols: Application to ammonium sulfate and quartz aerosol particles**
Curtis D. B. , Aycibin M., Young M. A. , Grassian V. H. , Kleiber P. D.
ATMOSPHERIC ENVIRONMENT, vol.41, no.22, pp.4748-4758, 2007 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Li₂SrTa₂O₇ compound: Theoretical study of electronic and optical properties**
Aycibin M.
Gazi University Journal of Science, vol.32, no.4, pp.1283-1291, 2019 (Journal Indexed in ESCI)
- II. **Ab initio study of Li₂CaTa₂O₇ compound: electronic and optical properties for three phases**
Aycibin M.
TURKISH JOURNAL OF PHYSICS, vol.43, no.4, pp.355-364, 2019 (Journal Indexed in ESCI)
- III. **Electronic and Elastic Properties of CsCaF₃ doped with Vanadium**
Ece N., Aycibin M.

Türkiye Teknoloji ve Uygulamalı Bilimler Dergisi, vol.1, no.1, pp.9-17, 2017 (National Refreed University Journal)

- IV. **First-principles calculation of the electronic and optical properties of BiRhO₃ compound**
Aycibin M., ECE N.
AIMS MATERIALS SCIENCE, vol.4, no.4, pp.894-904, 2017 (Journal Indexed in ESCI)
- V. **DFT study of CsCaF₃: Eu**
Aycibin M., Erdinç B.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, no.2, pp.273-278, 2016 (Refereed Journals of Other Institutions)
- VI. **DFT study of CsCaF₃: Eu**
Aycibin M., Erdinc B.
Gazi University Journal of Science, vol.29, no.2, pp.273-278, 2016 (Journal Indexed in ESCI)
- VII. **First-principles study on electronic, optic, elastic, dynamic and thermodynamic properties of RbH compound**
Akkuş H., Erdinç B., Doğan E., Seçuk M. N. , Aycibin M., Erden Gülebağlan S.
Int. J. Simul. Multisci. Des. Optim., vol.6, pp.1-6, 2015 (Refereed Journals of Other Institutions)
- VIII. **Ab-initio calculations of physical properties of alkali chloride XCl (X=K, Rb and Li) under pressure**
Erdinc B., Secuk M. N. , Aycibin M., GÜLEBAGAN S. E. , Dogan E., Akkuş H.
Computational Condensed Matter, vol.4, pp.6-12, 2015 (Journal Indexed in ESCI)
- IX. **First-principles study on electronic, optic, elastic, dynamic and thermodynamic properties of RbH compound**
Erden Gülebağlan S., Doğan E., Seçuk M. N. , Aycibin M., Erdinç B., Akkuş H.
International Journal for Simulation and Multidisciplinary Design Optimization, vol.6, pp.6-10, 2015 (Refereed Journals of Other Institutions)
- X. **First-principles study on electronic, optic, elastic, dynamic and thermodynamic properties of RbH compound**
Erden Gülebağlan S., Doğan E., Seçuk M. N. , Aycibin M., Erdinç B., Akkuş H.
International Journal for Simulation and Multidisciplinary Design Optimization, vol.6, pp.6-10, 2015 (Refereed Journals of Other Institutions)
- XI. **First-principles study on electronic, optic, elastic, dynamic and thermodynamic properties of RbH compound**
Erden Gülebağlan S., Doğan E., Seçuk M. N. , Aycibin M., Erdinç B., Akkuş H.
International Journal for Simulation and Multidisciplinary Design Optimization, vol.6, pp.6-10, 2015 (Refereed Journals of Other Institutions)
- XII. **Ab-initio Calculations of Structural, Electronic, Optical, Dynamic and Thermodynamic Properties of HgTe and HgSe**
Erdinç B., Doğan E., Seçuk M. N. , Aycibin M., Erden Gülebağlan S., Akkuş H.
American Journal of Condensed Matter Physics, vol.4, no.1, pp.13-19, 2014 (Refereed Journals of Other Institutions)
- XIII. **The Bowing Parameters of Ca₂Mg_{1-x}O Ternary Alloys**
Erdinç B., Doğan E., Seçuk M. N. , Aycibin M., Erden Gülebağlan S., Akkuş H.
Journal of Modern Physics, vol.5, no.15, pp.1546-1551, 2014 (International Refreed University Journal)
- XIV. **Theoretical study of rhombohedral NaCaF₃ crystal in the predicted ferroelectric phase**
Erdinc B., Aycibin M., Secuk M., Gulebaglan S., Doğan E., Akkuş H.
Gazi University Journal of Science, vol.27, no.4, pp.1093-1097, 2014 (Refereed Journals of Other Institutions)
- XV. **Calculation of electronic band structure of ferroelectric semiconductor bismuth niobium oxyfluoride (Bi₂NbO₅F) crystal**
Erdinc B., MCCABE E., DURAN D., Secuk M. N. , Gulebaglan S., Dogan E., Aycibin M., Akkuş H.
Gazi University Journal of Science, vol.27, no.4, pp.1099-1103, 2014 (Refereed Journals of Other Institutions)
- XVI. **Investigation of structural, electronic and optical properties of KCdF₃**
Seçuk M. N. , Doğan E., Aycibin M., Erdinç B., Akkuş H.
American Journal of Modern Physics, vol.2, no.2, pp.77-80, 2013 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Structural and electronic properties of $A_xD_{1-x}B_yC_{1-y}$ quaternary alloys via first principles**
Erden Gülebağlan S., Erdiñç B., Dođan E., Akkuş H., Seçuk M. N. , Aycibin M.
2. International Conference on Pure and Applied Mathematics, Van, Turkey, pp.155
- II. **Structural, dynamic and thermodynamic properties of $CsPbBr_3$ compound in cubic perovskites via first principles**
Erden Gülebağlan S., Akkuş H., Erdiñç B., Dođan E., Seçuk M. N. , Aycibin M.
2. International Conference on Pure and Applied Mathematics, Van, Turkey, pp.156
- III. **Structural, elastic and thermodynamic properties of hexagonal $BiTeBr$ crystal , International Conference on Pure and Applied Mathematics**
Erden Gülebağlan S., Biçer R. E. , Erdiñç B., Dođan E., Akkuş H., Seçuk M. N. , Aycibin M.
2. International Conference on Pure and Applied Mathematics, Van, Turkey, pp.160
- IV. **Structural, dynamic and optical properties of double-layer hexagonal $BiTeCl$ crystal**
Erden Gülebağlan S., Erdiñç B., Dođan E., Akkuş H., Seçuk M. N. , Aycibin M.
2. International Conference on Pure and Applied Mathematics, Van, Turkey, pp.159
- V. **First principle calculation of electronic band structure of $LuRhO_3$ compound**
Erden Gülebağlan S., Kaval M., Erdiñç B., Dođan E., Akkuş H., Seçuk M. N. , Aycibin M.
2. International Conference on Pure and Applied Mathematics, Van, Turkey, pp.157
- VI. **7. Structural, elastic properties of $BiTeI$ crystal**
Seçuk M. N. , Biçer R. E. , Erden Gülebağlan S., Erdiñç B., Dođan E., Akkuş H., Aycibin M.
2. International Conference on Pure and Applied Mathematics, Van, Turkey, pp.161
- VII. **Fonksiyonel Organik Malzeme Bileşenli Hibrit Aygıtın Elektriksel Parametrelerinin Belirlenmesi**
İmer A. G. , Aycibin M.
2ND INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, Ankara, Turkey, 28 - 29 June 2019, pp.139-145
- VIII. **Ab-initio Study of Physical Properties of $TbMn_2O_6$**
Aycibin M., İmer A. G. , Korkut A.
2ND INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, Ankara, Turkey, 28 - 29 June 2019, pp.131-135
- IX. **Schottky Diyodun Arayüzeyine Paralel Magnetik Alan Uygulandığında Tükenim Uzunluğu Farkının Tükenim Zaman Sabiti**
Korkut A., Aycibin M., İmer A. G.
4th International Conference on Advance in Natural & Applied Science chemistry (ICANAS 2019), Ağrı, Turkey, 19 - 21 June 2019, vol.3, pp.174-177
- X. **Ab-initio study on Electronic structure of $LaMn_2X$ ($X=Ge, Si$)**
Aycibin M., Korkut A.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL & APPLIED SCIENCES, Ağrı, Turkey, 19 - 22 June 2019, pp.134
- XI. **About Depletion Time Constant of Differential Depletion Region: when the Paralel Magnetic Field Applied to İnterface of Shottky Diode**
Korkut A., İmer A. G. , Aycibin M.
4th International Conference on Advance in Natural & Applied Science chemistry (ICANAS 2019), Ağrı, Turkey, 19 - 21 June 2019, pp.32-36
- XII. **A Comparison Differential Depletion Length by Debye Length for Schottky Diode under the Incident Light**
Korkut A., Aycibin M.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL & APPLIED SCIENCES, Ankara, Turkey, 19 - 22 June 2019, pp.136
- XIII. **A theoretical study on Optical Properties of Y doped SnO_2**
Aycibin M., İmer A. G.

4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL & APPLIED SCIENCES, Ağrı, Turkey, 19 - 22 June 2019, pp.135

- XIV. **FIRST PRINCIPLE STUDY of CaTa₂O₆ COMPOUND**
Aycibin M., Korkut A.
1. ULUSLARARASI İĞDIR MULTİ DİSİPLİNER ÇALIŞMALAR KONGRESİ, Iğdır, Turkey, 6 - 07 November 2018, pp.1341-1345
- XV. **OPTICAL PROPERTIES OF CsSi₃(x=1,Br,Cl)**
Aycibin M., Korkut A.
1. ULUSLARARASI İĞDIR MULTİ DİSİPLİNER ÇALIŞMALAR KONGRESİ, Iğdır, Turkey, 6 - 07 November 2018, pp.1419-1423
- XVI. **The Electronic, and Optical Properties of Li₂CaTa₂O₇ Depending on Phase Transition**
Aycibin M.
International Conference on Physical Chemistry and Functional Materials, Elazığ, Turkey, 19 - 21 June 2018, pp.111
- XVII. **Investigation of Electronic Structure of Li₂SrTa₂O₇ by ab-initio Method**
Aycibin M.
International Conference on Physical Chemistry and Functional Materials, Elazığ, Turkey, 19 - 21 June 2018, pp.134
- XVIII. **the First Principle study of RbTaO₃ Compound**
Aycibin M.
International Conference on Physical Chemistry and Functional Materials, Elazığ, Turkey, 19 - 21 June 2018, pp.61
- XIX. **Ab-initio Study of Li₂CaTa₂O₇ Compound: Electronic, Structure and Optical Properties**
Aycibin M.
INTERNATIONAL CONGRESS ON SEMICONDUCTOR MATERIALS AND DEVICES, Konya, Turkey, 17 - 19 August 2017, pp.140
- XX. **Some Physical Properties of CsCaF₃ :V**
Aycibin M., ECE N.
INTERNATIONAL CONGRESS ON SEMICONDUCTOR MATERIALS AND DEVICES, Konya, Turkey, 17 - 19 August 2017, pp.139
- XXI. **Ab-initio Study of BiRhO₃ Compound: Electronic, Structure and Optical Properties**
Aycibin M., ECE N.
INTERNATIONAL CONGRESS ON SEMICONDUCTOR MATERIALS AND DEVICES, Konya, Turkey, 17 - 19 August 2017, pp.53
- XXII. **Structural and electronic properties of Ax₁D_{1-x}ByC_{1-y} quaternary alloys via first principles.**
Erden Gülebağlan S., Doğan E., Seçuk M. N. , Aycibin M., Erdinç B., Akkuş H.
International Conference on Pure and Applied Mathematics, Van, Turkey, 25 - 28 August 2015, pp.155
- XXIII. **Structural, dynamic and optical properties of double-layer hexagonal BiTeCl crystal**
Seçuk M. N. , Akkuş H., Erdinç B., GÜLEBAGAN S. E. , Aycibin M., Doğan E.
International Conference on Pure and Applied Mathematics, Van, Turkey, 25 - 28 August 2015, pp.159
- XXIV. **Ab initio calculation of physical properties of RbGeCl₃**
ERDİNÇ F., Doğan E., Seçuk M. N. , Erdinç B., Aycibin M., GÜLEBAGAN S. E. , Akkuş H.
International Conference on Pure and Applied Mathematics, Van, Turkey, 25 - 28 August 2015, pp.153
- XXV. **Ab initio investigation of the physical properties of perovskite RbCdBr₃ structure**
DEDE M., Erdinç B., Aycibin M., Seçuk M. N. , GÜLEBAGAN S. E. , Doğan E., Akkuş H.
International Conference on Pure and Applied Mathematics, Van, Turkey, 25 - 28 August 2015, pp.151
- XXVI. **First principle calculation of electronic band structure of LuRhO₃ compound**
Kaval M., Seçuk M. N. , Erdinç B., Aycibin M., Doğan E., GÜLEBAGAN S. E. , Akkuş H.
International Conference on Pure and Applied Mathematics, Van, Turkey, 25 - 28 August 2015, pp.157
- XXVII. **Structural, elastic properties of BiTeI crystal**
Seçuk M. N. , Biçer R. E. , Akkuş H., Erdinç B., Aycibin M., Doğan E., GÜLEBAGAN S. E.
International Conference on Pure and Applied Mathematics, Van, Turkey, 25 - 28 August 2015, pp.161
- XXVIII. **Structural, elastic and thermodynamic properties of hexagonal BiTeBr crystal**
Seçuk M. N. , Biçer R. E. , Akkuş H., Erdinç B., Aycibin M., Doğan E., GÜLEBAGAN S. E.

International Conference on Pure and Applied Mathematics, Van, Turkey, 25 - 28 August 2015, pp.160

- XXIX. **Dynamic and Thermodynamic Properties of Rubidium Hydride**
Seçuk M. N. , Erden Gülebağlan S., Aycibin M., Doğan E., Erdinç B., Akkuş H.
XIth CHEMICAL PHYSICS CONGRESS, İstanbul, Turkey, 17 - 18 October 2014, pp.24
- XXX. **First Principles Calculations of Structural and Electronic Properties of Eu Doped CsCaF₃**
Sevim S., Erbil R., Seçuk M. N. , Aycibin M., Akkuş H.
XIth CHEMICAL PHYSICS CONGRESS, İstanbul, Turkey, 17 - 18 October 2014, pp.109
- XXXI. **Eu doped CsCaF₃-First Principles Calculations Of Structural And Electronic Properties of Eu Doped CsCaF₃**
SEVİM S., ERBİL R., Seçuk M. N. , Aycibin M., Akkuş H.
11. Kimyasal Fizik Kongresi, İstanbul, Turkey, 17 - 18 October 2014, vol.-, no.1, pp.109
- XXXII. **Dynamic and Thermodynamic Properties Properties of RbH**
Seçuk M. N. , Erden Gülebağlan S., Aycibin M., Doğan E., Erdinç B., Akkuş H.
11. Kimyasal Fizik Kongresi, İstanbul, Turkey, 17 - 18 October 2014, vol.-, no.1, pp.24
- XXXIII. **A Role of Carbon Doping on Electronic Properties of TaC_xN_{1-x} Ternary Alloys**
Erden Gülebağlan S., Aycibin M., Doğan E., Seçuk M. N. , Erdinç B., Akkuş H.
I. Ulusal Hesaplamalı Kimya Çalıştayı, Van, Turkey, 29 - 30 May 2014, vol.-, no.1, pp.66
- XXXIV. **Physical Properties of Ferroelectric Bi₂NbO₅F**
Duran D., Erdinç B., Seçuk M. N. , Doğan E., Erden Gülebağlan S., Aycibin M., Akkuş H.
I. Ulusal Hesaplamalı Kimya Çalıştayı, Van, Turkey, 29 - 31 May 2014
- XXXV. **First-Principles Study on Structural, Electronic, Optic and Elastic Properties of RbH**
Seçuk M. N. , Erden Gülebağlan S., Aycibin M., Doğan E., Erdinç B., Akkuş H.
I. Ulusal Hesaplamalı Kimya Çalıştayı, Van, Turkey, 29 - 30 May 2014, vol.-, no.1, pp.13
- XXXVI. **Physical Properties of Ferroelectric Bi₂NbO₅F Structure**
DURAN D., Erdinç B., Aycibin M., Seçuk M. N. , Erden Gülebağlan S., Doğan E., Akkuş H.
I. Ulusal Hesaplamalı Kimya Çalıştayı, Van, Turkey, 29 - 30 May 2014, vol.-, no.1, pp.22
- XXXVII. **Physical properties of RbAu compound**
Seçuk M. N. , Aycibin M., Doğan E., Erden Gülebağlan S., Erdinç B., Akkuş H.
10th International Conference of the Balkan Physics Union, İstanbul, Turkey, 3 - 05 September 2013, vol.-, no.1, pp.95
- XXXVIII. **Structural, thermodynamical and phonon properties of SbSI AND SbSBr single crystals**
Doğan E., Aycibin M., Erden Gülebağlan S., Seçuk M. N. , Erdinç B., Akkuş H.
10th International Conference of the Balkan Physics Union, İstanbul, Turkey, 3 - 05 September 2013, vol.-, no.1, pp.97
- XXXIX. **Physical Properties of RbAu Compound**
Aycibin M., Doğan E., Erden Gülebağlan S., Seçuk M. N. , Erdinç B., Akkuş H.
Balkan Fizik Birliği 10. Uluslararası Öğrenci Konferansı, Van, Turkey, 3 - 05 September 2013
- XL. **Electronic structure and lattice dynamics of BaCeO₃ compound at high temperature**
Aycibin M., Seçuk M. N. , Doğan E., Erden Gülebağlan S., Erdinç B., Akkuş H.
10th International Conference of the Balkan Physics Union, İstanbul, Turkey, 3 - 05 September 2013, vol.-, no.1, pp.96
- XLI. **Structural, thermodynamical and phonon of SbSI and SbSBr single crystals**
Seçuk M. N. , Erdinç B., Doğan E., Erden Gülebağlan S., Akkuş H., Aycibin M.
Balkan Fizik Birliği 10. Uluslararası Öğrenci Konferansı, İstanbul, Turkey, 3 - 05 September 2013
- XLII. **02.09.2013**
Seçuk M. N. , Doğan E., Aycibin M., Erden Gülebağlan S., Erdinç B., Akkuş H.
Turkish Physical Society 30th International Physics Congress, İstanbul, Turkey, 2 - 05 September 2013, vol.-, no.1, pp.549
- XLIII. **H. O. Oztek, Structural, Electronic, Dynamic and Thermodynamic Properties of XAu (X=Li, Na, K) Alkali Metal Gold Coumpounds**
Akkuş H., Erdinç B., Aycibin M., Seçuk M. N. , Doğan E., Erden Gülebağlan S.

30. Uluslararası Fizik Kongresi, Muğla, Turkey, 2 - 05 September 2013

- XLIV. **Structural, electronic, dynamic and thermodynamic properties of XAu (X=Li, Na, K) alkali metal gold compounds**
Seçuk M. N. , Akkuş H., Erdinç B., Aycibin M., Doğan E., Erden Gülebağlan S., ÖZTEK H. Ö.
Turkish Physical Society 30th International Physics Congress, İstanbul, Turkey, 2 - 05 September 2013, vol.-, no.1, pp.550
- XLV. **Investigation of structural, electronic, optical, dynamic and Thermodynamic properties of HgTe, HgSe**
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- XLVII. **On the luminescence of octahedrally coordinated Eu²⁺ in CsCaF₃**
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- XLVIII. **Luminescence of octahedrally coordinated Eu²⁺ in Rb₂MP₂O₇ (M = Ca, Sr)**
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- XLIX. **On the luminescence of Ce³⁺ in LnI₃ (Ln = Lu³⁺, Y³⁺, Gd³⁺)**
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Supported Projects

Aycibin M., Project Supported by Higher Education Institutions, Yoğun Madde Fiziğinde İşbirliğini Artırma ve akademik Deneyim Geliştirme, 2019 - 2020

Aycibin M., Project Supported by Higher Education Institutions, Li₂SrTa₂O₇ Bileşiğinin elektronik ve optik Özelliklerinin Faz Değişimine bağlı Olarak İncelenmesi, 2018 - 2019

Aycibin M., Project Supported by Higher Education Institutions, Yoğun Madde Fiziğinde İşbirliğini Artırma ve Akademik Deneyim Geliştirme, 2018 - 2019

Aycibin M., Project Supported by Higher Education Institutions, Ölçümler Sonucu Alınan Sonuçların Değerlendirilmesi, 2017 - 2018

Aycibin M., Project Supported by Higher Education Institutions, Ölçümlerde Kullanılan Bilgisayarın Performansının Artırılması ve Sonuçların Değerlendirilmesi, 2016 - 2017

Aycibin M., Project Supported by Higher Education Institutions, BiRhO₃ Kristalinin Fiziksel Özelliklerinin DFT ile incelenmesi, 2015 - 2017

Aycibin M., Project Supported by Higher Education Institutions, CsCaF₃: X²⁺ (Eu, V) Bileşiğinin Yapısal, Elektronik ve Elastik Özelliklerinin İncelenmesi, 2015 - 2017

Activities in Scientific Journals

Materials Science: Materials Review, Committee Member, 2017 - Continues

Memberships / Tasks in Scientific Organizations

American Physical Society, Member, 2003 - Continues

Scientific Refereeing

JOURNAL OF SOLID STATE CHEMISTRY, SCI Journal, April 2021

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Journal of Electronic Materials, SCI Journal, November 2019

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Computational Condensed Matter, Other Indexed Journal, May 2019

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Edit Congress and Symposium Activities

2nd International Euroasian Conference on Biological and Chemical Sciences, Session Moderator, Ankara, Turkey, 2019

4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL & APPLIED SCIENCES, Attendee, Ağrı, Turkey, 2019

2ND INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, Attendee, Ankara, Turkey, 2019

1. ULUSLARARASI İĞDIR MULTİ DİSİPLİNER ÇALIŞMALAR KONGRESİ, Attendee, İğdır, Turkey, 2018

International Conference on Physical chemistry and functional Materials, Attendee, Elazığ, Turkey, 2018

International Congress on Semiconductor Materials and Devices, Attendee, Konya, Turkey, 2017

International Conference on Pure and Applied Mathematics, Attendee, Van, Turkey, 2015

11. Kimyasal Fizik Kongresi, Attendee, İstanbul, Turkey, 2014

International Workshop on solid state lighting Technologies and Reserach 2013: LEDs and OLEDs, Attendee, İstanbul, Turkey, 2014

1. Ulusal Hesaplamalı Kimya Çalıştayı, Attendee, Van, Turkey, 2014

30. Uluslararası Fizik Kongresi, Attendee, Muğla, Turkey, 2013

Citations

Total Citations (WOS):210

h-index (WOS):6

Scholarships

Yurt Dışı Öğretim Elemanı Yetiştirme Programı, University, 2002 - Continues