

Prof. Çetin TAŞSEVEN

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Biography

Çetin Taşseven is a Professor in the Physics Department at the Yıldız Technical University. He received his bachelor's and master's degrees in physics from the Yıldız Technical University, and started his academic career as research assistant in a research group working on Liquid State Theories. He completed his PhD on the Theory of Ionic Liquids at University of East Anglia. His research interest focus on theoretical and computational material science particularly on the development of interatomic potentials, Integral Equation Theories and Molecular Dynamics Simulation of ionic systems.

Education Information

Doctorate, University of East Anglia, Department of Physics, England 1992 - 1997

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Fizik, Turkey 1988 - 1992

Undergraduate, Yıldız Technical University, Faculty Of Arts & Science, Department Of Physics, Turkey 1984 - 1988

Foreign Languages

English, C1 Advanced

Research Areas

Natural Sciences

Academic Titles / Tasks

Associate Professor, 2000 - 2007

Assistant Professor, 1998 - 2000

Research Assistant, Yıldız Technical University, Faculty Of Arts & Science, Department Of Physics, 1989 - 1997

Courses

Physics II (Electricity and Magnetism), Undergraduate, 2022 - 2023

Thermodynamics, Undergraduate, 2022 - 2023
Classical Electromagnetic Theory I, Undergraduate, 2021 - 2022
Statistical Physics, Undergraduate, 2021 - 2022
Differential Equations, Undergraduate, 2022 - 2023
Physics I (Classical Mechanics), Undergraduate, 2022 - 2023
Partial Differential Equations, Undergraduate, 2021 - 2022
Electromagnetic Theory I, Postgraduate, 2020 - 2021

Advising Theses

Taşseven Ç., Sıvı metal yakıtlı piller için aday elektrolitlerin moleküler dinamik simülasyon yöntemi ile incelenmesi, Doctorate, Y.AYDIN(Student), 2022
Taşseven Ç., Bombyx mori ipek böceği ipeğinin kristalit biriminin mekaniksel özelliklerinin simülasyonu, Postgraduate, C.UĞUZ(Student), 2018
Taşseven Ç., A study of the relation of piezoelectric properties and nano structures through methods in computational physics, Doctorate, B.AKGENÇ(Student), 2016
Taşseven Ç., Yoğunluk fonksiyonel teoremi ile sıvı hal teorilerinin elde edilmesi, Postgraduate, S.VELİOĞLU(Student), 2010
Taşseven Ç., Mg₃Bi₂'un katı ve sıvı fazlarda moleküler dinamik simülasyonu, Postgraduate, F.KAYADİBİ(Student), 2009
Taşseven Ç., Uranyum dioksit'in moleküler dinamik simülasyonu, Doctorate, S.DÜNDAR(Student), 2009
Taşseven Ç., Sıvı NiTe ve NiTe₂ yarı iletkenlerinin statik yapısı, Postgraduate, F.KOSOVALI(Student), 2007
Taşseven Ç., UO₂ ve UCL₃'ün sıvı yapısı ve halojenür tuzlarda donma, Doctorate, Ü.AKDERE(Student), 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Molecular dynamics and integral equation study of the structure and dynamics of solid and liquid magnesium phosphide**
Aydın Y., GÜNAY S. D., AKDERE Ü., TAŞSEVEN Ç.
Molecular Simulation, 2023 (SCI-Expanded)
- II. **Insight into the structural, thermal and ion transport properties of solid and liquid Mg₃N₂: a model potential and NPT molecular dynamics simulation**
Aydın Y., Günay S. D., AKDERE Ü., TAŞSEVEN Ç.
MOLECULAR SIMULATION, vol.48, no.7, pp.602-609, 2022 (SCI-Expanded)
- III. **Influence of repeating sequence on structural and thermal stability of crystalline domain of bombyx mori silk fibroin**
Aksakal B., Akdere Ü., Günay S. D., Çağın T., Taşseven Ç.
MATERIALS RESEARCH EXPRESS, vol.6, no.12, pp.125356-125364, 2020 (SCI-Expanded)
- IV. **Ordering and diffusion in liquid magnesium antimonide (Mg₃Sb₂) from hypernetted-chain theory and molecular dynamics simulation**
AKDERE Ü., GÜNAY S. D., TAŞSEVEN Ç.
Ionics, vol.25, no.6, pp.2711-2717, 2019 (SCI-Expanded)
- V. **First - principles calculations on stability and mechanical properties of various ABO₃ and their alloys**
Akgenc B., Kinaci A., TAŞSEVEN Ç., Cagin T.
MATERIALS CHEMISTRY AND PHYSICS, vol.205, pp.315-324, 2018 (SCI-Expanded)
- VI. **Modeling Superionic Behavior of Plutonium Dioxide**
GÜNAY S. D., AKGENC B., TAŞSEVEN Ç.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.35, no.10, pp.999-1004, 2016 (SCI-Expanded)
- VII. **Studying Static, Dynamic and Transport Properties of Mg₃Bi₂**

- Kayadibi F., GÜNAY S. D., TAŞSEVEN Ç.
ACTA PHYSICA POLONICA A, vol.128, no.3, pp.440-446, 2015 (SCI-Expanded)
- VIII. **Hypernetted chain calculations of molten uranium dioxide: Comparison of rigid ion potentials**
GÜNAY S. D., AKDERE Ü., TAŞSEVEN Ç.
JOURNAL OF MOLECULAR LIQUIDS, vol.173, pp.124-129, 2012 (SCI-Expanded)
- IX. **THERMOPHYSICAL PROPERTIES OF URANIUM DIOXIDE: A MOLECULAR DYNAMICS STUDY OF SOLID AND LIQUID PHASES OF STOICHIOMETRIC UO₂**
GÜNAY S. D., KAVANOZ H. B., AKDERE Ü., TAŞSEVEN Ç.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.25, pp.3211-3223, 2011 (SCI-Expanded)
- X. **MOLECULAR DYNAMICS SIMULATION OF UO₂: AN ALTERNATIVE RIGID ION MODEL POTENTIAL**
GÜNAY S. D., AKDERE Ü., KAVANOZ H. B., TAŞSEVEN Ç.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.25, no.9, pp.1201-1210, 2011 (SCI-Expanded)
- XI. **Freezing in halide salts**
AKDERE Ü., Yılmaz M., Kavanoz H. B., Taşseven Ç.
ACTA PHYSICA POLONICA A, vol.113, no.6, pp.1659-1670, 2008 (SCI-Expanded)
- XII. **Static structure of a group of trivalent molten salts: An alternative rigid ion model potential**
Yılmaz M., Gurbuz H., Kavanoz H., Tasseven C., Silbert M.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.20, pp.421-428, 2001 (SCI-Expanded)
- XIII. **The bridge functions of molten salts**
Tasseven Ç., Gonzalez L., Silbert M., Alcaraz O., Trullas J.
JOURNAL OF CHEMICAL PHYSICS, vol.115, no.10, pp.4676-4680, 2001 (SCI-Expanded)
- XIV. **Static structure of a group of trivalent molten salts: An alternative rigid ion model potential**
YILMAZ M., GÜRBÜZ H., KAVANOZ H. B., Taşseven Ç., Silbert M.
High Temperature Materials and Processes, vol.20, pp.421-428, 2001 (SCI-Expanded)
- XV. **Static Structure of a Group of Trivalent Molten Salts**
Yılmaz M., Gürbüz H. H., Kavanoz H. B., Taşseven Ç., Silbert M.
High Temperature Materials and Processes , vol.20, pp.421-428, 2001 (SCI-Expanded)
- XVI. **Integral equations calculations and computer simulations of the static structure and ionic transport in molten nickel halides**
Tasseven Ç., Alcaraz O., Trullas J., Silbert M.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.17, no.3, pp.163-176, 1998 (SCI-Expanded)
- XVII. **Integral equation calculations and computer simulations of the static structure and ionic transport in molten thallium halides**
Tasseven Ç., Alcaraz O., Trullas J., Silbert M., Giro A.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.9, no.50, pp.11061-11075, 1997 (SCI-Expanded)
- XVIII. **Static structure and ionic transport in molten AgBr and AgCl**
Tasseven Ç., Trullas J., Alcaraz O., Silbert M., Giro A.
JOURNAL OF CHEMICAL PHYSICS, vol.106, no.17, pp.7286-7294, 1997 (SCI-Expanded)
- XIX. **Static dielectric function of a model classical ionic fluid**
Gurbuz H., Tasseven Ç., Silbert M.
PHYSICS AND CHEMISTRY OF LIQUIDS, vol.32, no.3, pp.169-176, 1996 (SCI-Expanded)
- XX. **THE STATIC DIELECTRIC FUNCTION OF THE MOLTEN COPPER HALIDES**
TASSEVEN Ç., SILBERT M., TRULLAS J.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.7, no.47, pp.8877-8881, 1995 (SCI-Expanded)

Articles Published in Other Journals

- I. **Thermomechanical Properties of Anti-Parallel β -Sheets with Bombyx mori Silk Nanostructures [Gly-Ser-Gly-Ala-Gly-Ala]_n and [Gly-Ala]_n**
Günay S. D., Akdere Ü., Aksakal B., Çağın T., Taşseven Ç.

Materials Science Forum, vol.856, pp.74-77, 2016 (Scopus)

- II. **Thermophysical Properties of Anti-Parallel β -Sheets with Bombyx mori Silk Nanostructures [Gly-Ser-Gly-Ala-Gly-Ala]n and [Gly-Ala]n**
Aksakal B., Günay S. D., Akdere Ü., Çağın T., Taşseven Ç.
materials science forum, vol.856, pp.70-73, 2016 (Scopus)
- III. **Thermomechanical properties of anti-parallel β -sheets with Bombyx mori silk nano structures [Gly-Ser-Gly-Ala-Gly-Ala]n and [Gly-Ala]n**
Akdere Ü., Aksakal B., Günay S. D., Taşseven Ç., Çağın T.
Materials Science Forum, vol.851, pp.74-77, 2016 (Scopus)
- IV. **Classical Molecular Dynamics Simulation of Mg₃Bi₂ at Solid and Liquid Phase**
GÜNAY S. D., Kayadibi F., Akdere Ü., Taşseven Ç.
Balkan Physics Letters, vol.15, pp.151013, 2009 (Peer-Reviewed Journal)
- V. **The Structure and Ionic Transport of Liquid Semiconductor NiTe**
Akdere Ü., Günay S. D., Kavanoz H. B., Taşseven Ç.
Balkan Physics Letters, vol.15, pp.1-7, 2009 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Static Structure and Ionic Diffusion of Liquid Magnesium Nitrate**
AKDERE Ü., Aydın Y., GÜNAY S. D., TAŞSEVEN Ç.
ICSEEC: SUSTAINABLE ENERGY AND ENERGY CALCULATIONS, Muğla, Turkey, 12 April 2019, pp.49
- II. **Simulation of Pullout Test on Crystallite Segment of Antiparallel beta-Sheets of Bombyx Mori Silk Fibroin**
Uğuz C., AKDERE Ü., GÜNAY S. D., TAŞSEVEN Ç.
ICSEEC: SUSTAINABLE ENERGY AND ENERGY CALCULATIONS, Muğla, Turkey, 12 April 2019, pp.17
- III. **Hydrogen Bond Analysis of Bombyx Mori Silk Fibroin by MD Simulation at Room Temperature**
Akdere Ü., Günay S. D., Taşseven Ç.
Turkish Physical Society 34 International Physics Congress, Muğla, Turkey, 5 - 09 September 2018, pp.474
- IV. **Hydrogen Bond Analysis of Bombyx Mori Silk Fibroin by MD Simulation at Room Temperature**
AKDERE Ü., GÜNAY S. D., TAŞSEVEN Ç.
Turkish Physical Society 34rd International Physics Congress, 5 - 09 September 2018
- V. **Structural phase transition of Mg₃As₂**
AKDERE Ü., GÜNAY S. D., TAŞSEVEN Ç.
Turkish Physical Society 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017
- VI. **Temperature dependence of mechanical properties of anti-parallel beta sheets with bombyx-mori silk nano structures along chain direction**
AKDERE Ü., GÜNAY S. D., AKSAKAL B., Çağın T., TAŞSEVEN Ç.
Turkish Physical Society 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017
- VII. **Polar/Antipolar - Antiparallel beta sheets of bombyx mori silk nano crystallites solvated in different type of water**
Uğuz C., TAŞSEVEN Ç., GÜNAY S. D., AKDERE Ü.
JAPMED 10, İzmir, Turkey, 4 - 08 July 2017
- VIII. **Molybdenum Doped CdTe Sigma₃(111) Grain Boundary**
ÇALIŞKAN M., Öztoprak A., GÜNAY S. D., TAŞSEVEN Ç., Çağın T.
The Tenth Japanese-Mediterranean Workshop on Applied Electromagnetic Engineering for Magnetic, Superconducting, Multifunctional and Nanomaterials (JAPMED'10), İzmir, Turkey, 4 - 08 July 2017, pp.75
- IX. **Low- and high- temperature structural analysis of magnesium antimonide**
GÜNAY S. D., AKDERE Ü., TAŞSEVEN Ç.
1st International Conference on Energy and Thermal Engineering, ICTE 2017, İstanbul, Turkey, 25 - 28 April 2017
- X. **Analysis of Mechanical Behaviour of Anti Parallel Beta Sheets with Bombyx Mori Silk Nano**

Structures Along Intersheet Direction

AKDERE Ü., GÜNAY S. D., AKSAKAL B., ÇAĞIN T., TAŞSEVEN Ç.

Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016

- XI. **Analysis of Mechanical Behavior of Anti Parallel Beta Sheets with Bombyx Mori Silk Nano Structures Along Inter Sheet Direction**
Akdere Ü., Günay S. D., Aksakal B., Çağın T., Taşseven Ç.
Turkish Physical Society 32th International Physics Conference, Muğla, Turkey, 6 - 09 September 2016
- XII. **Density functional theory study of structural and electro optical activities of grain boundaries in bi crystal CdTe**
TAŞSEVEN Ç., ÇALIŞKAN M., GÜNAY S. D., ÇAGIN T.
Molecular Interactions & Dynamics Gordon Research Conference, United States Of America, 10 - 15 July 2016
- XIII. **Calculation of grain boundary energies of gallium arsenide with first principle study**
GÜNAY S. D., Taşseven Ç.
IMSTEC'16 - Uluslararası Malzeme Bilimi ve Teknolojisi Konferansı, 6 - 08 April 2016
- XIV. **Effect of Cu atoms on the band structure of CdTe**
ÇALIŞKAN M., Öztoprak A., GÜNAY S. D., Çağın T., TAŞSEVEN Ç.
9th Japanese-Mediterranean Workshop on Applied Electromagnetic Engineering for Magnetic, Superconducting, Multifunctional and Nano Materials, 2015, Sofija, Bulgaria, 5 - 08 July 2015, vol.856, pp.153-156
- XV. **Thermophysical properties of anti-parallel β -sheets with bombyx mori silk nano structures [Gly-Ser-Gly-Ala-Gly-Ala]_n and [Gly-Ala]_n**
AKSAKAL B., GÜNAY Ş., AKDERE Ü., Çağın T., TAŞSEVEN Ç.
9th Japanese-Mediterranean Workshop on Applied Electromagnetic Engineering for Magnetic, Superconducting, Multifunctional and Nano Materials, 2015, Sofija, Bulgaria, 5 - 08 July 2015, vol.856, pp.70-73
- XVI. **Thermomechanical properties of anti-parallel β -sheets with Bombyx mori silk nano structures [Gly-Ser-Gly-Ala-Gly-Ala]_n and [Gly-Ala]_n**
GÜNAY S. D., AKDERE Ü., AKSAKAL B., Çağın T., TAŞSEVEN Ç.
9th Japanese-Mediterranean Workshop on Applied Electromagnetic Engineering for Magnetic, Superconducting, Multifunctional and Nano Materials, 2015, Sofija, Bulgaria, 5 - 08 July 2015, vol.856, pp.74-77
- XVII. **Thermomechanical properties of anti parallel sheets with Bombyx mori silk nano structures Gly Ser Gly Ala Gly Ala n and Gly Ala n**
Günay S. D., Akdere Ü., Aksakal B., Çağın T., Taşseven Ç.
The Ninth Japanese -Mediterranean Workshop On Applied Electromagnetic Engineering For Magnetic, Superconducting, Multifunctional And Nanomaterials (JAPMED'9), Sofija, Bulgaria, 5 - 08 July 2015, pp.51-52
- XVIII. **Thermophysical properties of anti parallel sheets with Bombyx mori silk nano structures Gly Ser Gly Ala Gly Ala n and Gly Ala n**
Aksakal B., Günay S. D., Akdere Ü., Çağın T., Taşseven Ç.
The Ninth Japanese -Mediterranean Workshop On Applied Electromagnetic Engineering For Magnetic, Superconducting, Multifunctional And Nanomaterials (JAPMED'9), Sofija, Bulgaria, 5 - 08 July 2015, pp.25-26
- XIX. **STABILITY AND MECHANICAL PROPERTIES OF $\{A(x)A'((1-x))\}_m\{ByB'((1-y))\}_n$ O-3 CERAMICS**
Akgenc B., TAŞSEVEN Ç., Cagin T.
Proceedings of the TMS Middle East Mediterranean Materials Congress on Energy and Infrastructure Systems (MEMA 2015), Doha, Qatar, 11 - 14 January 2015, pp.423-432
- XX. **Thermophysical Properties of alpha-Pu2O3: A New Potential Model**
GÜNAY Ş., Akgenc B., AKDERE Ü., TAŞSEVEN Ç.
3rd International Congress on Advances in Applied Physics and Materials Science, Antalya, Turkey, 24 - 28 April 2013, vol.1569, pp.208-211
- XXI. **NPT simulation and hypernetted-chain calculations of SrCl₂**
Akgenc B., AKDERE Ü., GÜNAY Ş., TAŞSEVEN Ç.
3rd International Advances in Applied Physics and Materials Science Congress, APMAS 2013, Antalya, Turkey, 24 -

28 April 2013, vol.1569, pp.15-18

- XXII. **Liquid State Theory of Plutonium Dioxide: Hypernetted Chain Approximation**
Akdere Ü., Akgenç B., Taşseven Ç., Günay S. D.
Turkish Physical Society 29 International Physics Congress, Muğla, Turkey, 5 - 08 September 2012, pp.628
- XXIII. **Temperature Dependence of Ionic Diffusion of Thorium Dioxide**
Akdere Ü., Akgenç B., Günay S. D., Taşseven Ç.
Turkish Physical Society 29 International Physics Congress, Muğla, Turkey, 5 - 08 September 2012, pp.156
- XXIV. **Studying Superionic Phase Transition of Plutonium Dioxide From Molecular Dynamics Simulation**
Akdere Ü., Günay S. D., Akgenç B., Taşseven Ç.
Turkish Physical Society 29 International Physics Congress, Muğla, Turkey, 5 - 08 September 2012, pp.578
- XXV. **Thermophysical Properties of AgBr and AgCl from Molecular Dynamics Simulation**
Akdere Ü., Günay S. D., Taşseven Ç.
Turkish Physical Society 29 International Physics Congress, Muğla, Turkey, 5 - 08 September 2012, pp.524
- XXVI. **HNC Calculations of Thermodynamic Properties of Molten AgI**
Günay S. D., Çalışkan M., Akdere Ü., Taşseven Ç.
Turkish Physical Society 28th International Physics Conference, 6 - 09 September 2011
- XXVII. **Hypernetted Chain Theory of Liquid GeO₂: Preliminary Results**
Akdere Ü., Günay S. D., Taşseven Ç.
Turkish Physical Society 28 International Physics Congress, Muğla, Turkey, 6 - 09 September 2011, pp.648
- XXVIII. **HNC Calculations of Thermodynamic Properties of Molten AgI**
GÜNAY S. D., Çalışkan M., Akdere Ü., Taşseven Ç.
Turkish Physical Society 28th International Physics Conference, 01 September 2011
- XXIX. **Molecular dynamics simulation of thermal properties of Ag₃SI**
Öztek H., KAVANOZ H. B., AKDERE Ü., YILMAZ M., Taşseven Ç.
7th International Conference of the Balkan Physical Union, Alexandroupoli, Greece, 9 - 13 September 2009, vol.1203, pp.252-254
- XXX. **A Molecular Dynamics Simulation of Premelting Effect in LiO₂**
KAYADİBİ F., GÜNAY S. D., TAŞSEVEN Ç.
5th Nanoscience and Nanotechnology Conference (NanoTR5), Eskisehir, Turkey, Turkey, 8 - 12 June 2009
- XXXI. **Static Structure and Ionic Transport in Molten NiTe and NiTe₂**
GÜNAY S. D., Akdere Ü., Taşseven Ç.
Turkish Physical Society 25th International Physics Conference, 25 - 29 August 2008
- XXXII. **Classical Molecular Dynamics Simulation of Mg₃Bi₂ at Solid and Liquid Phase**
Akdere Ü., Kayadibi F., Günay S. D., Taşseven Ç.
Turkish Physical Society 25th International Physics Congress, Muğla, Turkey, 25 - 29 August 2008, pp.176
- XXXIII. **Transport properties of uranium dioxide by molecular dynamics simulation**
Gunay S. D., Akdere U., Kavanoz B., Taşseven Ç.
International Conference on Computational Methods in Science and Engineering, Corfu, Greece, 25 - 30 September 2007, vol.2, pp.1212-1215
- XXXIV. **The Static Structure of Liquid Semiconductors NiTe and NiTe₂ Preliminary Results**
GÜNAY S. D., AKDERE Ü., KOSAVALI F., TAŞSEVEN Ç.
AIP Conference Proceedings, 22 - 26 August 2006, vol.899, pp.616
- XXXV. **Equilibrium Molecular Dynamics Calculations of The Transport Properties of Molten Thallium Halides**
GÜNAY S. D., AKDERE Ü., KOSAVALI F., TAŞSEVEN Ç.
AIP Conference Proceedings, 22 - 26 August 2006, vol.899, pp.605
- XXXVI. **The Static Structure of Liquid Semiconductors NiTe and NiTe₂: Preliminary Results**
GÜNAY S. D., Akdere Ü., Kosovali F., Taşseven Ç.
01 August 2006, vol.899, pp.616
- XXXVII. **Hypernetted Chain Theory and Molecular Dynamic Simulation of Static Structure and IonicTransport in Molten UO₂ and UCl₃**

- Günay S. D., Akdere Ü., Kavanoz H. B., Yılmaz M., Taşseven Ç.
Turkish Physical Society 23th Conference, Muğla, Turkey, 13 - 16 September 2005
- XXXVIII. **Static Criteria for Freezing of Liquid Halide Salts**
Akdere Ü., Yılmaz M., Kavanoz H. B., Taşseven Ç.
Turkish Physical Society 23 International Physics Congress, Muğla, Turkey, 13 - 16 September 2005, pp.641
- XXXIX. **Static Criteria for Freezing of Liquid Halide Salts**
Yılmaz M., Akdere Ü., Kavanoz H. B., Taşseven Ç.
Turkish Physical Society 23th International Physics Congress , Muğla, Turkey, 13 - 16 September 2005, pp.641-0
- XL. **İyonik Sıvıların Statik Dielektrik Fonksiyonu**
Yılmaz M., Kavanoz H. B., Akdere Ü., Taşseven Ç.
Türk Fizik Derneği 22. Fizik Kongresi, Muğla, Turkey, 14 - 17 September 2004, pp.515-0
- XLI. **Erimiş UCl₃ ün Yapısal Özelliklerinin Kurumsal Tayini**
Akdere Ü., Kavanoz H. B., Yılmaz M., Taşseven Ç.
Türk Fizik Derneği 22. Fizik Kongresi, Muğla, Turkey, 14 - 17 September 2004, pp.387-0
- XLII. **The Static and Thermodynamic Properties of Molten UO₂ and UCl₃ (Preliminary Results)**
Akdere Ü., Taşseven Ç., Kavanoz H. B.
The Fifth International Conference on Chemical Physics, İstanbul, Turkey, 31 October - 01 November 2002, pp.1-2
- XLIII. **Static Structure of 3:1 Molten Salts**
Yılmaz M., Gürbüz H. H., Taşseven Ç., Silbert M.
4th Liquid Matter Conference, Granada, Spain, 3 - 07 July 1999, vol.23, pp.24-0
- XLIV. **Bridge Functions of Molten Salts from Molecular Dynamic Simulations**
Taşseven Ç., Kavanoz H. B., Yılmaz M.
Second International Kaş-School on Liquid State Physics, Antalya, Turkey, 15 - 25 September 1998, pp.20-24
- XLV. **Integral Equations Calculations of the Static Structure of Molten MX₃ Systems**
Yılmaz M., Kavanoz H. B., Taşseven Ç.
Second International Kaş-School on Liquid State Physics, Antalya, Turkey, 15 - 25 September 1998, pp.10-15

Supported Projects

- GÜNAY S. D., Aydın Y., AKDERE Ü., TAŞSEVEN Ç., Project Supported by Higher Education Institutions, Magnezyum-Azot Grubu Bileşiklerinin Bilgisayar Simülasyonu Yöntemleriyle Fiziksel Özelliklerinin İncelenmesi, 2018 - 2020
- TAŞSEVEN Ç., UĞUZ C., Project Supported by Higher Education Institutions, Bombyx Mori ipek fibroin kristalit biriminin mekaniksel özelliklerinin moleküler dinamik simülasyonu, 2016 - 2019
- Aksakal B., Günay S. D., Taşseven Ç., Akdere Ü., TUBITAK Project, Yüksek performans uygulamaları için Bombyx Mori ipek fibroin kristalit biriminin termo mekaniksel özelliklerinin moleküler dinamik simülasyonu, 2016 - 2018
- TAŞSEVEN Ç., ÇALIŞKAN M., AKSAKAL B., GÜNAY S. D., Project Supported by Higher Education Institutions, Su İçerisindeki Bombyx Mori İpek Fibroinin Kristal Birimin Termo-Mekaniksel Özelliklerinin Moleküler Dinamik Simülasyon Yöntemi ile İncelenmesi, 2015 - 2018
- Çalışkan M., Günay S. D., Taşseven Ç., TUBITAK Project, Güneş Pillerinde Kontak Metallerinin Absorptör CdTe nin Yapısal ve Elektro Optik Aktiviteleri Üzerine Yoğunluk Fonksiyonel Teori Çalışması, 2014 - 2017

Metrics

- Publication: 73
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