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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Fizik, Turkey 1990 - 1997

Certificates, Courses and Trainings

Occupational Health and Safety, Afet ve Acil Durum Eğitimi, Yıldız Teknik Üniversitesi, 2019

Occupational Health and Safety, Tıbbi Atıkların Yönetimi, İSTAÇ, 2017

Occupational Health and Safety, Temel İş Sağlığı ve Güvenliği Eğitimi, Yıldız Teknik Üniversitesi, 2017

Research Areas

Physics, Interdisciplinary Physics and Related Science and Technology Areas, Materials Science, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Yildiz Technical University, Fen Edebiyat/ Fizik, Fizik, 1999 - Continues

Academic and Administrative Experience

Staj Başkanı, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2022 - Continues

Assistant Coordinator of The Rectorate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2022 - Continues

Rectorate Commissioner, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2021 - Continues

Bölüm Tanıtım ve Mezunlarla İlişkiler Komisyonu Başkanı, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2016 - 2019

Bölüm Kalite Komisyonu Başkanı, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2016 - 2019

Deputy Head of Department, Yildiz Technical University, Faculty of Arts & Science, Department of Physics, 2015 - 2018

Fakülte Mezun Koordinatörü, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2013 - 2016

Staj Başkanı, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2001 - 2013

Courses

Fizik-1, Undergraduate, 2020 - 2021
Biyofizik, Undergraduate, 2020 - 2021
Bitirme Çalışması, Undergraduate, 2020 - 2021
Fizik-2, Undergraduate, 2019 - 2020
Biyofizik, Undergraduate, 2019 - 2020
Seminer, Postgraduate, 2018 - 2019
Seminer, Doctorate, 2017 - 2018
Genel Fizik 2, Undergraduate, 2016 - 2017
Fizik Laboratuvarı 2, Undergraduate, 2012 - 2013
Fizik Laboratuvarı 1, Undergraduate, 2010 - 2011

Advising Theses

CANTÜRK RODOP M., Biyopolimer fibriler proteinlerde (yün,ipek) ve onun benzerlerinde (pamuk) ESR incelemeleri, Postgraduate, Z.DOĞRUYOL(Student), 2004

Jury Memberships

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, June, 2023
Post Graduate, Post Graduate, İstanbul Üniversitesi, June, 2023
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, February, 2022
Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, July, 2021
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, January, 2021
Post Graduate, Post Graduate, İstanbul Üniversitesi, February, 2019
Competition, XIV. Fen Bilimleri Şenliği ve Proje Yarışması, Yıldız Technical University, July, 2018
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, December, 2017
Competition, MEV Koleji Özel Basıncıköy Okulları Proje Yarışması, MEV Koleji Özel Basıncıköy Okulları, April, 2017
Post Graduate, Post Graduate, İstanbul Üniversitesi, December, 2016
Competition, XI. Fen Bilimleri Şenliği ve Proje Yarışması, MEV Koleji Özel Basıncıköy Okulları, April, 2015
Post Graduate, Post Graduate, İstanbul Üniversitesi, July, 2013
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, June, 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Reduced trap-density and boosted performance of CH₃NH₃PbI₃ solar cells by 1-Pentanethiol enhanced anti-solvent washing route**
Gokdemir Choi F. P., KURUOĞLU F., Moeini Alishah H., Bozar S., Kahveci C., CANTÜRK RODOP M., EROL A., GÜNEŞ S.
Nanotechnology, vol.35, no.21, 2024 (SCI-Expanded)
- II. **First demonstration of lithium, cobalt and magnesium introduced nickel oxide hole transporters for inverted methylammonium lead triiodide based perovskite solar cells**
Gokdemir Choi F. P., Moeini Alishah H., Bozar S., Kahveci C., Cantürk Rodop M., Güneş S.
Solar Energy, vol.215, pp.434-442, 2021 (SCI-Expanded)
- III. **Effect of Bathocuproine Concentration on the Photovoltaic Performance of NiOx-Based Perovskite Solar Cells**
Alishah H. M., CHOI F. P., Menda U. D., Kahveci C., Rodop M. C., Mendes M. J., GÜNEŞ S.
Journal of the Mexican Chemical Society, vol.65, no.2, pp.149-160, 2021 (SCI-Expanded)

- IV. **A novel interface layer for inverted perovskite solar cells fabricated in ambient air under high humidity conditions**
Gokdemir Choi F. P., Moeini Alishah H., Bozar S., Doyranli C., Koyuncu S., San N., Kahveci C., Cantürk Rodop M., Arvas M. B., Gençten M., et al.
Solar Energy, vol.209, pp.400-407, 2020 (SCI-Expanded)
- V. **Effect of UV exposure of ITO/PEDOT:PSS substrates on the performance of inverted-type perovskite solar cells**
Alishah H. M., Kazici M., Ongül F., Bozar S., CANTÜRK RODOP M., Kahveci C., ARVAS M. B., ŞAHİN Y., GENÇTEN M., KALELİ M., et al.
Journal of Materials Science: Materials in Electronics, vol.31, no.10, pp.7968-7980, 2020 (SCI-Expanded)
- VI. **Simultaneous effect of mechanical tension on electrical lifetime of some inorganic composites**
Özcanlı Y., Boydag F. S., Alekberov V. A., Hikmet I., Canturk M.
MODERN PHYSICS LETTERS B, vol.21, pp.1415-1424, 2007 (SCI-Expanded)
- VII. **The ESR signals in silk fibroin and wool keratin under both the effect of UV-irradiation and without any external effects and the formation of free radicals**
Mamedov S. V., Aktaş B., Canturk M., Aksakal B., Alekperov V., Bülbül F., Yilgin R., Aslanov R.
BIOMATERIALS, vol.23, pp.3405-3412, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **Washing of PEDOT: PSS for Perovskite Solar Cells Performance Optimization**
Thomas A. S., Moeini Alishah H., Kahveci C., Demirbay T., Choi F. P., Cantürk Rodop M., Güneş S.
JOURNAL OF MINES, METALS AND FUELS, vol.71, no.3, pp.418-421, 2023 (Scopus)
- II. **Investigation of Molecular Dynamics of Peptides Bound with HLA * B51: 01 Protein**
Denkdaş C., Cantürk Rodop M.
Tamap Journal of Physical Sciences, no.2021, pp.1-11, 2021 (Peer-Reviewed Journal)
- III. **Investigation of Binding Free Energy of Different Peptides by Jarzynski's Equation**
Denkdaş C., Cantürk Rodop M.
Tamap Journal of Physical Science, no.2019, pp.1-7, 2019 (Peer-Reviewed Journal)
- IV. **NEW APPROACHES IN ELECTROPHORESIS**
Yalçın-tepe Güneştutar L., Cantürk Rodop M.
Sigma , vol.27, pp.151-160, 2009 (Peer-Reviewed Journal)
- V. **Pecularity of free radical reactions in the mechanical destructed fibrillar proteins**
Mamedov S., CANTÜRK RODOP M., Bülbül F., Gasymov O. K., Mehtiyeva S. I., Bayramova R. L.
Balkan Physics Letters, vol.10, no.1, pp.25-30, 2002 (Peer-Reviewed Journal)
- VI. **The effect of ultraviolet on pigment biological systems and the role of pigment**
Mamedov S. V., Cantürk Rodop M., Aslanov R. B., Bayramova R. L.
Balkan Physics Letters, vol.7, no.3, pp.220-224, 1999 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **İki Boyutlu Jel Elektroforezi ile Serum Proteinlerinin Ayrılması ve Klinik Önemi Olan Bazı Proteinlerin Karakterize Edilmesi**
Cantürk M.
Yıldız Teknik Üniversitesi Basım-Yayın Merkezi, İstanbul, 2001
- II. **Temel Fizik Deneyleri 3 Optik**
Erk Ş., Çıngı E., Karabay I., Yükselci H., Serin M., Cantürk M.
Yıldız Teknik Üniversitesi Basım-Yayın Merkezi, İstanbul, 2000
- III. **Temel Fizik Deneyleri Mühendislik Bölümleri için**

Erk Ş., Karabay I., Taşseven Ç., Kavanoz B., Cantürk M., Serin M.
Yıldız Teknik Üniversitesi Basım-Yayın Merkezi, İstanbul, 1998

IV. Temel Fizik Deneyleri 2 Elektrik-Magnetizma

Ören D., Çingü E., Karabay I., Kavanoz B., Cantürk M., Erk Ş. (Editor)
Yıldız Teknik Üniversitesi Basım-Yayın Merkezi, İstanbul, 1998

V. Temel Fizik Deneyleri 1 Mekanik-Isı

Ören D., Çingü E., Karabay I., Taşseven Ç., Kavanoz B., Cantürk M., Erk Ş. (Editor)
Yıldız Teknik Üniversitesi Basım-Yayın Merkezi, İstanbul, 1997

Refereed Congress / Symposium Publications in Proceedings

I. MEASURING THE DOSIMETRIC LEAF SPACING PARAMETER OF THE TREATMENT PLANNING SYSTEM WITH DIFFERENT EXPERIMENTAL SETUP

Acar G., Cantürk Rodop M.

TURKISH PHYSICAL SOCIETY 39th INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2023, pp.247

II. COVID-19 BULAŞMA YOLLARININ FİZİKSEL ANALİZİ

Çevirgen B., Cantürk Rodop M.

1. Ulusal Sağlık Hizmetleri ve Bilimleri Kongresi, İstanbul, Turkey, 11 - 12 May 2023, pp.82

III. THE EFFECT OF DOPING OF PEDOT: PSS ON THE PERFORMANCE OF PEROVSKITE SOLAR CELLS

Kahveci C., Choi F. P., Moeni Alishah H., Demirbay T., Cantürk Rodop M.

2nd International Natural Science, Engineering and Material Technologies Conference, Kırklareli, Turkey, 15 - 17 September 2022, pp.97

IV. Solar Energy and Atmospheric Circulation Effects

CANTÜRK RODOP M., ER Z.

7th International Conference on Computational and Experimental Science and Engineering (ICCESEN-2020), 21 October 2020, pp.179-187

V. Effect of Perovskite Structure on the Performance of Perovskite Solar Cells

Kahveci C., Choi F. P., Cantürk Rodop M.

TURKISH PHYSICAL SOCIETY 36th INTERNATIONAL PHYSICS CONGRESS, İstanbul, Turkey, 1 - 05 September 2020, pp.95

VI. INVESTIGATION OF ANNEALING OF SURFACES OF ITO and PEDOT:PSS FOR PERFORMANCE OF ORGANIC SOLAR CELLS

CANTÜRK RODOP M.

International Natural Science, Engineering and Materials Technology Conference (NEM2019), 09 September 2019, pp.445-453

VII. Influence Of UV Irradiated ITO/PEDOT:PSS Substrates on the Morphological, Spectroscopical And Photovoltaic Properties of Organic/Hybrid Solar Cells

Kahveci C., Cantürk Rodop M.

CONFERENCE ON SUSTAINABLE ENERGY AND ENERGY CALCULATIONS (ICSEEC), Muğla, Turkey, 12 - 14 April 2019, pp.40

VIII. Effect of UV Irradiation on the Performance of Organic Solar Cells

Cantürk Rodop M.

CONFERENCE ON SUSTAINABLE ENERGY AND ENERGY CALCULATIONS (ICSEEC), Muğla, Turkey, 12 - 14 April 2019, pp.26

IX. Effect of Doping of Hole Transport Layers on Organic and Perovskite Solar Cells

CANTÜRK RODOP M., KAZİCİ M., KAHVECİ C., GÜNEŞ S.

International Conference on Photovoltaic Science and Technologies, 4 - 06 July 2018

X. Steered Molecular Dynamics (SMD) Simulations to Unravel the Binding Mechanism of Different Peptides to HLA-B51, an Antigen Associated with Behcet's Disease

DENKDAŞ C., CANTÜRK RODOP M.

7 th International Molecular Biology and Biotechnology Congress, 25 - 27 April 2018

- XI. **The Effect of UV Radiation on the Performance of Perovskite Solar Cells**
Cantürk Rodop M., Ongül F., Güneş S.
Turkish Physical Society 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017
- XII. **SEMI-EMPIRICAL &RHF GEOMETRY OPTIMIZATION AND MINIMIZATION ANALYSIS OF TAMOXIFEN MOLECULE**
Uzun B., Denктаş C., Cantürk Rodop M.
FROM COMPUTATIONAL BIOPHYSICS TO SYSTEMS BIOLOGY, Ankara, Turkey, 23 - 25 December 2016, pp.41
- XIII. **INVESTIGATION OF TAMOXIFEN MOLECULE BINDING TO ESTROGEN RECEPTOR ALPHA AND BETA USING STEERED MOLECULAR DYNAMICS**
DENKTAŞ C., UZUN B., CANTÜRK RODOP M.
Turkish Physical Society 32nd International Physics Congress, Bodrum, Turkey, 6 - 09 September 2016
- XIV. **Analysis of Thermal Properties of PP/PET Blends with Artificial Neural Networks**
Kosovalı Çavuş F., Beken M., Özcanlı Y., Cantürk Rodop M., Erkoç İ., Güven T., Alkan Ü.
International Symposium on Molecular Chemistry, İstanbul, Turkey, 18 - 19 December 2014, pp.81
- XV. **Polipropilen+nanokil nanokompozitlerinin kuvvetli elektrik alan etkisinden sonra dinamik-mekanik ve fotoluminesans özellikleri ve yapay zeka modellemesi**
Cavuş F. K., Hadıyeva A. A., Sadıgova A. R., Alkan Ü., Cantürk Rodop M., Beken M., Özcanlı Y.
International Conference on Luminescence and ESR Dosimetry, Ankara, Turkey, 27 - 29 August 2014, pp.11
- XVI. **Polipropilen/Grafit Kompozitlerinin Mekanik ve Reolojik Özelliklerinin İncelenmesi**
Alkan Ü., Özcanlı Y., Cantürk Rodop M., Gökgöz İ., Doğu M.
Türk Fizik Derneği 28.Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 09 September 2011, pp.587
- XVII. **POLİPROPİLEN/GRAFİT (YYPE/GRAFİT) KOMPOZİTLERİNİN MEKANİK VE REOLOJİK ÖZELLİKLERİNİN İNCELENMESİ**
Cantürk Rodop M., Alkan Ü., Özcanlı Y., Gökgöz İ., Doğu M.
TURKISH PHYSICAL SOCIETY 28th INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 6 - 09 September 2011, pp.587
- XVIII. **Kendi Kendini Onarabilen Polimerler**
Yılmaz Ç., Cantürk Rodop M., Gökgöz İ., Gemici Z.
Türk Fizik Derneği 28.Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 09 September 2011, pp.622
- XIX. **Lifli Biyopolimerlerde Isı Etkisi ile Oluşan Yıpranmaların ESR ile İzlenmesi**
Doğruyol Z., Cantürk Rodop M.
3. Ulusal Polimer Bilim ve Teknolojisi Kongresi ve Sergisi, Kocaeli, Turkey, 12 - 14 May 2010, pp.104
- XX. **Simultaneous Effect of Mechanical Tension on Electrical Life Time of LDPE / Diamond Composites**
Boydağ F. Ş., Özcanlı Y., Alekberov V., Hikmet İ., Cantürk Rodop M.
TWELFTH INTERNATIONAL CONFERENCE on COMPOSITES/NANO ENGINEERING, Tenerife, Spain, 1 - 06 August 2005, pp.12-2
- XXI. **The Effect of Moisture on Degradation Properties of Some Fibrous Proteins**
Cantürk M., Mamedov S. V., Yumuşak Ç., Aksakal B.
XIV International Biophysics Congress, Buenos Aires, Argentina, 27 April - 01 May 2002, pp.107
- XXII. **The Mechanism of the ESR Signals Appearing in Natural Silk Fibroin and Wool Keratin without any Specific Effect**
Mamedov S. V., Aktaş B., Cantürk M., Aksakal B., Bülbül F., Yilgin R.
XI th International Conference Magnetic Resonance in Chemistry and Biology, Zeljenograd, Russia, 20 - 27 April 2001, pp.149
- XXIII. **The ESR Signal Appearing in Natural Silk Fibroin and Wool Keratin**
Mamedov S. V., Cantürk Rodop M., Aksakal B., Alekperov V., Bülbül F., Yilgin R.
XIX International Conference on Magnetic Resonance in Biological Systems, Florence, Italy, 20 - 25 August 2000, pp.265
- XXIV. **The Examination of the Mechanism of ESR Signal in Silk Fibroin and Wool Keratin by the**

Recombination-Kinetic's Method

Mamedov S. V., Canturk M., Aksakal B., Alekperov V., Bulbul F., Aslanov R., Aktas B.

XIX International Conference on Magnetic Resonance in Biological Systems, Florence, Italy, 20 - 25 August 2000, pp.266

XXV. The Electron Spin Resonance Properties in wool Keratin and the Effect of Pigment and UV Irradiation on these Properties

Mamedov S. V., Aktaş B., Cantürk M., Aksakal B., Yilgin R.

XIII International Biophysics Congress, Ni-Dilli, India, 19 - 24 September 1999, vol.24, pp.57

XXVI. Yün Keratininde Serbest Radikalli Süreçlerde Yıpranma Olaylarının Karşılıklı İlişkisi

Mamedov S. V., Aktaş B., Alekperov V., Cantürk Rodop M., Lenger Y., Bülbül F.

TFD17 Türk Fizik Derneği 17. Fizik Kongresi, Antalya, Turkey, 27 - 31 October 1998, pp.55

XXVII. Yün Keratininde Yıpranma ve Parçalanma Olayları

Mamedov S. V., Yalçınıyuva T., Alekperov V., Cantürk M., Bülbül F., Kaşgöz A., Pozan G.

II.Ulusal Atom ve Molekül Fiziği Sempozyumu, Ankara, Turkey, 9 - 11 September 1998, pp.26

XXVIII. Thermal Reactions of the Free Radicals in the Mechanically Destruction Collagen and Keratin

Mamedov S. V., Gasymov O., Alcan E., Aslanov R., Lenger Y., Cantürk M.

XVIIIth International Conference on Magnetic Resonance in Biological Systems, Tokyo, Japan, 23 - 28 August 1998, pp.135

XXIX. Comparison of Destruction Properties in Differents in Differently Pigmented Keratins by Free-Radical Processes

Mamedov S., Cantürk M., Alekperov V., Bülbül F., Lenger Y.

XVIIIth International Conference on Magnetic Resonance in Biological Systems, Tokyo, Japan, 23 - 28 August 1998, pp.122

XXX. The Effect of Ultraviolet on Pigment Biological Systems and the Role of Pigment

Mamedov S. V., Aslanov R. B., Bayramova L., Cantürk M.

3rd GENERAL CONFERENCE OF THE BALKAN PHYSICAL UNION, Cluj-Napoca, Romania, 2 - 05 September 1997, pp.394

Expert Reports

I. Baz istasyonlarının insan sağlığı üzerine etkileri

Cantürk Rodop M.

Ümraniye 3. Asliye Hukuk Mahkemesi, pp.2, İstanbul, 2005

Supported Projects

CANTÜRK RODOP M., CHOI F. P., KAHVECİ C., Project Supported by Higher Education Institutions, Katkılanmış PEDOT:PSS Tabakaların Tersine Çevrilmiş Perovskit Güneş Pillerinde Kullanılması, 2021 - 2023

Choi F. P., Bozar S., Cantürk Rodop M., Güneş S., Moeini Alishah H., Project Supported by Higher Education Institutions, Sol-jel ve nano-parçacık tabanlı inorganik boşluk iletici tabakaların geliştirilmesi ve planar yapılı hibrit perovskit güneş pillerine uygulanması, 2019 - 2021

Denkdaş C., Cantürk Rodop M., Project Supported by Higher Education Institutions, HLA B 51 01 ile ilişki olan peptitlerinin moleküler dinamik simülasyon yöntemi ile incelemesi, 2015 - 2018

Denkdaş C., Cantürk Rodop M., Project Supported by Higher Education Institutions, HLA B52 01 proteini ile bağlı olan peptidlerin sistemlerinin Yönlendirmeli Moleküler Dinamik İncelenmesi, 2015 - 2017

Topal R. Ş., Mamedov Ş., Alekberov V., Cantürk M., Project Supported by Other Official Institutions, Biyogüvenlik Kapsamında Transgenik Gıdaların Belirlenmesine Yönelik Kontrol Sistemlerinin Oluşturulması, 2003 - 2006

Alekberov V., Cantürk M., Özcanlı Y., Bülbül F., Can N., Aksakal B., Project Supported by Other Official Institutions, Fibrilyar Biyopolimerlerde ve Elyaf Katkılı Sentetik Polimer Kompozitlerinde Farklı Dış Faktörlerin Elektrik ve Mekanik

Gerilimlerin Nemin UV Işınlarmın ve Çözeltilerin Etkisi Altında Yıpranma Olayları, 2003 - 2006

Mamedov Ş., Cantürk M., Özcanlı Y., Alekberov V., Bolcal S., Bülbül F., Aksakal B., Can N., Project Supported by Higher Education Institutions, Poliolefinler temelinde yapılan polimer kompozitlerinde mekanik ve elektrik gerilimlerinin aynı anda etkilerinin incelenmesi, 1999 - 2001

Erk Ş., Tiryaki D., Cantürk M., Project Supported by Higher Education Institutions, İki Boyutlu Jel Elektroforezi ile Serum Proteinlerinin Ayrılması ve Klinik Önemi Olan Bazı Proteinlerin Karakterize Edilmesi, 1993 - 1995

Ören D., Akçiz S., Ömür M., Cantürk M., Project Supported by Higher Education Institutions, Güneş Pillerinin Global Güneş Enerjisi Ölçümlerinde Kullanılması Üzerine Bir Araştırma, 1990 - 1991

Memberships / Tasks in Scientific Organizations

Türk Biyofizik Derneği, Member, 1996 - Continues, Turkey

Türk Fizik Derneği, Member, 1990 - Continues, Turkey

Scientific Refereeing

Sigma Mühendislik ve Fen Bilimleri Dergisi, Other Journals, January 2008

Tasks In Event Organizations

Cantürk Rodop M., 2nd International Natural Science, Engineering and Material Technologies Conference, Scientific Congress, Kırklareli, Turkey, Eylül 2022

Cantürk Rodop M., International Natural Science, Engineering and Material Technologies Conference, Scientific Congress, İstanbul, Turkey, Eylül 2019

Cantürk Rodop M., 8th International Workshop on Occultation and Eclipse, Workshop Organization, İstanbul, Turkey, Mart 2018

Cantürk Rodop M., Symposium on Recent Advances on Organic/hybrid Electronics, Scientific Congress, İstanbul, Turkey, Şubat 2018

Scientific Research / Working Group Memberships

Polimer Fiziği Araştırma Laboratuvarı, Yıldız Technical University, Türkiye,

<http://www.fzk.yildiz.edu.tr/fizik/5/%C3%87a1%C4%B1%C5%9Fma-Gruplar%C4%B1/18>, 1999 - Continues

Metrics

Publication: 49

Citation (WoS): 63

Citation (Scopus): 113

H-Index (WoS): 4

H-Index (Scopus): 6

Awards

Cantürk Rodop M., Türk Fizik Derneği 2023 Onur Ödülü, Türk Fizik Derneği, August 2023