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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAF-9109-2020

ScopusID: 6603057788

Yoksis Researcher ID: 1880

Education Information

Doctorate, University of Bristol, Faculty of Science, School of Chemistry, United Kingdom 1992 - 1995

Postgraduate, Firat University, Institute Of Science, Atom ve Molekül Fiziği, Turkey 1987 - 1989

Undergraduate, Firat University, Faculty Of Arts And Sciences, Fizik Mühendisliği, Turkey 1982 - 1986

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Time-Dependent Quantum Dynamics of Reactive Scattering:Li HF->LiF+H, University of Bristol, Faculty of Science, School of Chemistry, 1995

Postgraduate, Dört Atom-Dört Atom Nonreaktif Kolineer İnelastik Çarpışmalarında Harmonik Enerji Transferi, Firat University, Institute Of Science, Fizik, 1989

Research Areas

Energy, Physics, Atomic and Molecular Physics, Nuclear physics, Nuclear Engineering and Nuclear Energy Studies, Special nuclear reactions, Natural Sciences

Academic Titles / Tasks

Professor, Yıldırım Beyazıt Üniversitesi, Mühendislik Ve Doğa Bilimleri Fakültesi, Enerji Sistemleri Mühendisliği Bölümü, 2012 - Continues

Professor, Firat University, Faculty Of Science, Department Of Physics, 2001 - 2012

Associate Professor, Firat University, Faculty Of Science, Department Of Physics, 1996 - 2001

Assistant Professor, Firat University, Faculty Of Science, Department Of Physics, 1996 - 1996

Research Assistant, Firat University, Faculty Of Science, Department Of Physics, 1987 - 1996

Academic and Administrative Experience

İhbar ve Şikayetleri Değerlendirme Komisyonu Başkanı, Inter-Universities Council, 2016 - Continues

Denklik Komisyonu Başkanı, Inter-Universities Council , 2014 - Continues

Dean, Bartın University, Faculty Of Science, 2010 - 2013

Head of Department, Firat University, Faculty Of Science, Department Of Physics, 1996 - 2011

Fakülte Yönetim Kurulu Üyesi, Firat University, Faculty Of Science, 2006 - 2010

Head of Department, Firat University, 2001 - 2004

Courses

REACTOR PHYSICS, Doctorate, 2018 - 2019

SUSTAINABLE ENERGY , Doctorate, 2016 - 2017

RADIATION , MEASUREMENT AND DETECTION, Doctorate, 2016 - 2017

PHYSICS II, Undergraduate, 2016 - 2017

NUCLEAR ENERGY, Doctorate, 2016 - 2017

PHYSICS I, Undergraduate, 2016 - 2017

Atom ve Molekül Fiziği, Undergraduate, 2001 - 2002

Kuantum Mekaniği, Undergraduate, 1996 - 1997

Supervised Theses

Göktaş F., Renewable Energy Potential and Production of Turkey: 2023 Vision, Postgraduate, M.VURAL(Student), 2019

Göktaş F., Hidrojen ile florin molekülü reaksiyonun zamana bağlı kuantum metodu ile incelenmesi, Doctorate, E.KARABULUT(Student), 2012

Göktaş F., Hidrojen ve izotopları ile kararsız floroksit molekülünün zamana bağlı kuantum dinamiği, Postgraduate, M.KURBAN(Student), 2010

Göktaş F., Foto-ayırma olayının zamana bağlı kuantum metoduyla incelenmesi, Postgraduate, E.KARABULUT(Student), 2009

Göktaş F., Hidrojen ile kararsız floroksit molekülünün reaksiyonunun zamana bağlı kuantum metodu ile incelenmesi, Doctorate, R.TUTUK(Student), 2009

Göktaş F., Zamana-bağlı schrödinger denkleminin reel dalga fonksiyonları cisinde çözümü ve c+h2 reaksiyonuna uygulanması, Postgraduate, İ.ARMAĞAN(Student), 2006

Göktaş F., Reaktif olmayan C(1D1)+H2 üç-boyutlu saçılmasında geçiş olasılıkları ve tesir kesitlerinin hesaplanması, Postgraduate, M.DEMİR(Student), 2006

Göktaş F., He+H2+(u,j) saçılmasının zamana bağlı kuantum dalga paketi metodu ile incelenmesi, Postgraduate, R.TUTUK(Student), 2004

Göktaş F., Ne+H2+ inelastik saçılmasının zamana bağlı kuantum metodu ile incelenmesi, Doctorate, H.OTURAK(Student), 2002

Göktaş F., Kuantum dalga paketi metodu ile enerji transferi momentlerinin hesaplanması, Postgraduate, S.EMİK(Student), 2002

Göktaş F., Üç boyutta atom-iki atom reaktif saçılma probleminin kuantum dalga paketi metodu ile incelenmesi, Doctorate, N.BULUT(Student), 2002

Göktaş F., Atom-rijit molekül inelastik saçılmasının zamana bağlı kuantum metodu ile incelenmesi, Postgraduate, M.POYRAZ(Student), 2001

Göktaş F., İnelastik saçılmanın zamana bağlı kuantum dinamiği, Doctorate, S.AKPINAR(Student), 2001

Göktaş F., Reaktif saçılmanın zamana bağlı kuantum dinamiği, Postgraduate, N.BULUT(Student), 1998

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Mathematical Calculation of Material Reliability Using Surface Roughness Feature Based on Plasma Material Interaction Experiment Results**
Pahsa A., AYDOĞDU Y., GÖKTAŞ F.
Eksploatacja i Niezawodność, vol.25, no.3, 2023 (SCI-Expanded)
- II. **A density functional theory study on favipiravir drug interaction with BN-doped C60 heterofullerene**
Muz İ., Göktaş F., Kurban M.
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.135, pp.1-8, 2022 (SCI-Expanded)
- III. **Size dependence in the electronic and optical properties of a BN analogue of two-dimensional graphdiyne: A theoretical study**
Muz İ., Göktaş F., Kurban M.
Chemical Physics, vol.539, pp.1-6, 2020 (SCI-Expanded)
- IV. **3d-transition metals (Cu, Fe, Mn, Ni, V and Zn)-doped pentacene π -conjugated organic molecule for photovoltaic applications: DFT and TD-DFT calculations**
Muz İ., Göktaş F., Kurban M.
Theoretical Chemistry Accounts, vol.139, no.666, pp.1-8, 2020 (SCI-Expanded)
- V. **Experimental and theoretical studies of the structural, electronic and optical properties of BCzVB organic material**
KURBAN M., GÜNDÜZ B., Goktas F.
Optik, vol.182, pp.611-617, 2019 (SCI-Expanded)
- VI. **A study of structural phase transitions and optoelectronic properties of perovskite-type hydride MgFeH₃: Ab initio calculations**
KURBAN M., KÜRKÇÜ C., Yamicier C., Goktas F.
Journal of Physics Condensed Matter, vol.31, no.30, 2019 (SCI-Expanded)
- VII. **Real wave packet and flux analysis studies of the $H + F_2 \rightarrow HF + F$ reaction**
Gogtas F., Karabulut E., Tanaka T., Takayanagi T., Tutuk R.
International Journal of Quantum Chemistry, vol.112, no.11, pp.2348-2354, 2012 (SCI-Expanded)
- VIII. **Quantum dynamics of $H(2S) + FO(2\Pi) \rightarrow HF(1\Sigma^+) + O(3P)$ reaction on the $1\ 3A'$ state**
Kurban M., Gogtas F., Karabulut E., Tutuk R.
Molecular Physics, vol.109, no.5, pp.789-795, 2011 (SCI-Expanded)
- IX. **Time-dependent quantum study of $H(2S) + FO(2\Pi) \rightarrow OH(2\Pi) + F(2P)$ reaction on the $1\ 3A'$ and $1\ 3A''$ states**
Gogtas F., Tutuk R., Kurban M.
Journal of Computational Chemistry, vol.31, no.14, pp.2607-2611, 2010 (SCI-Expanded)
- X. **Time-dependent quantum study of the kinetics of the $H(2S) + FO(2\Pi) \rightarrow OH(2\Pi) + F(2P)$ reaction**
Gogtas F.
Journal of Computational Chemistry, vol.29, no.12, pp.1889-1894, 2008 (SCI-Expanded)
- XI. **Wave packet and quasiclassical trajectory calculations for the $N(2D) + H_2$ reaction and its isotopic variants**
Castillo J., Bulut N., Bañares L., Gogtas F.
Chemical Physics, vol.332, no.1, pp.119-131, 2007 (SCI-Expanded)
- XII. **Time-dependent quantum wave packet calculations of three-dimensional He - O₂ inelastic scattering**
Akpınar S., Gogtas F., Bulut N.
Journal of Chemical Theory and Computation, vol.2, no.1, pp.59-63, 2006 (SCI-Expanded)
- XIII. **Time-dependent quantum study of the kinetics of the $O(1D) + HBr$ reaction**
Gogtas F.

- Chemical Physics, vol.328, pp.421-427, 2006 (SCI-Expanded)
- XIV. **Quantum wave packet calculation of reaction probabilities, cross sections, and rate constants for $H^+ + LiH \rightarrow Li + H_2^+$ reaction**
Gögtas F.
International Journal of Quantum Chemistry, vol.106, no.9, pp.1979-1985, 2006 (SCI-Expanded)
- XV. **Time-dependent quantum study of the kinetics of the $O(3P) + CN(X^2+) \rightarrow CO(X^1+) + N(2D)$ reaction**
Gogtas F.
Chemical Physics Letters, vol.425, pp.157-162, 2006 (SCI-Expanded)
- XVI. **Quantum calculation of transition probabilities, cross sections and thermal rate constant for the $H^+ + LiH(v,j)$ inelastic scattering**
Akpınar S., Gogtas F.
Journal of Molecular Structure: THEOCHEM, vol.765, pp.115-120, 2006 (SCI-Expanded)
- XVII. **Quantum wave packet study of $N(2D) + H_2$ reactive scattering**
Gogtas F., Bulut N.
International Journal of Quantum Chemistry, vol.106, no.4, pp.833-838, 2006 (SCI-Expanded)
- XVIII. **Quantum wave packet calculation of reaction probabilities, cross sections, and rate constants for the $C(1D) + HD$ reaction**
Gogtas F., Bulut N., Akpınar S.
International Journal of Quantum Chemistry, vol.105, no.5, pp.478-484, 2005 (SCI-Expanded)
- XIX. **Quantum wave-packet calculation of reaction probabilities, cross sections, and rate constants for $Li + H_2$ reaction**
Gogtas F.
Journal of Chemical Physics, vol.123, no.24, 2005 (SCI-Expanded)
- XX. **Quantum wave packet study of $Li + H_2^+$ inelastic scattering**
Bulut N., Gogtas F., Akpınar S.
Chemical Physics Letters, vol.407, pp.298-302, 2005 (SCI-Expanded)
- XXI. **Quantum wave packet study of $S(1D) + HD$ reaction**
Gogtas F., Bulut N., Akpınar S.
Journal of Molecular Structure: THEOCHEM, vol.723, pp.189-194, 2005 (SCI-Expanded)
- XXII. **Quantum wave packet study of $S(1D) + D_2 \rightarrow SD + D$ reaction**
Bulut N., Gogtas F., Akpınar S.
Chemical Physics, vol.309, pp.231-237, 2005 (SCI-Expanded)
- XXIII. **Quantum wave packet study of the insertion reaction $S + H_2$**
Bulut N., Gogtas F., Akpınar S.
Journal of Molecular Structure: THEOCHEM, vol.710, pp.127-132, 2004 (SCI-Expanded)
- XXIV. **Time-dependent quantum mechanical treatment of He-CO inelastic scattering**
Akpınar S., Bulut N., Gogtas F.
Journal of Theoretical and Computational Chemistry, vol.3, pp.291-303, 2004 (SCI-Expanded)
- XXV. **Reactive and inelastic scattering probabilities for the $Cl + H_2$ scattering: Time-dependent calculations**
Gogtas F., Akpınar S., Bulut N.
Journal of Molecular Structure: THEOCHEM, vol.676, pp.185-192, 2004 (SCI-Expanded)
- XXVI. **Quantum mechanical three-dimensional wavepacket study of the $O(1D) + ClH \rightarrow ClO + H$ reaction**
Gogtas F., Bulut N., Akpınar S.
Journal of Molecular Structure: THEOCHEM, vol.625, pp.177-187, 2003 (SCI-Expanded)
- XXVII. **A quantum wavepacket study of three-dimensional $Ne-H_2$ scattering**
Gogtas F., OTURAK H., Bulut N., Akpınar S., KÖKCE A.
Molecular Physics, vol.101, no.12, pp.1901-1909, 2003 (SCI-Expanded)
- XXVIII. **Time-dependent quantum study of three-dimensional inelastic scattering of I-H₂**
Gogtas F., Bulut N., OTURAK H., KÖKCE A.
Journal of Molecular Structure: THEOCHEM, vol.584, pp.149-157, 2002 (SCI-Expanded)

- XXXIX. **A quantum wave packet study of three-dimensional inelastic scattering: He-H₂**
Gogtas F., Bulut N.
Molecular Physics, vol.100, no.5, pp.561-567, 2002 (SCI-Expanded)
- XXX. **Wave packet calculation of cross sections, product state distributions, and branching ratios for the O(1D) + HCl reaction**
Piermarini V., Balint-Kurti G. G., Gray S. K., Göğtas F., Laganà A., Hernández M. L.
Journal of Physical Chemistry A, vol.105, no.24, pp.5743-5750, 2001 (SCI-Expanded)
- XXXI. **Quantum wave packet study of He-H₂ inelastic scattering**
Akpınar S., Gogtas F., Bulut N., Yıldız A.
International Journal of Quantum Chemistry, vol.79, no.5, pp.274-279, 2000 (SCI-Expanded)
- XXXII. **Quantum wave packet study of O(1D) + HCl(v) → ClO(v') + H reaction**
Bulut N., Yıldız A., Göğtas F., Akpınar S.
International Journal of Quantum Chemistry, vol.73, no.5, pp.425-432, 1999 (SCI-Expanded)
- XXXIII. **A time-dependent quantum study of Li + HF(v = 1) → LiF(v') + H**
Göğtas F., Balint-Kurti G. G.
Turkish Journal of Physics, vol.22, no.1, pp.9-20, 1998 (SCI-Expanded)
- XXXIV. **The Fourier grid Hamiltonian method based on even grid numbers**
Göğtas F., Balint-Kurti G. G., Marston C. C.
Turkish Journal of Physics, vol.21, no.8, pp.923-929, 1997 (SCI-Expanded)
- XXXV. **The filterization method to calculate eigenstates**
Göğtas F., Yıldız A. K., Balint-Kurti G. G.
International Journal of Modern Physics B, vol.11, pp.295-302, 1997 (SCI-Expanded)
- XXXVI. **Quantum mechanical three-dimensional wavepacket study of the Li+HF→LiF+H reaction**
Göğtas F., Balint-Kurti G. G., Offer A. R.
Journal of Chemical Physics, vol.104, pp.7927-7939, 1996 (SCI-Expanded)
- XXXVII. **A comparison of time-dependent and time-independent quantum reactive scattering - Li+HF→LiF+H model calculations**
Balint-Kurti G. G., Göğtas F., Mort S. P., Offer A. R., Laganà A., Gervasi O.
The Journal of Chemical Physics, vol.99, pp.9567-9584, 1993 (SCI-Expanded)
- XXXVIII. **QUANTUM CALCULATIONS OF HARMONIC-VIBRATIONAL TRANSITION PROBABILITIES IN COLLINEAR X₂Y₂ + X₂Z₂ COLLISIONS**
Göktaş F., Kolsuz N.
International Journal Of Modern Physics A, vol.06, no.26, pp.4681-4686, 1991 (SCI-Expanded)
- XXXIX. **THE STUDY OF SCATTERING He FROM Cu(110) WITH A NEW MODEL POTENTIAL**
Göktaş F.
Modern Physics Letters B, vol.5, no.27, pp.1795-1801, 1991 (SCI-Expanded)

Articles Published in Other Journals

- I. **Wave Packet Study of He+CO(j) → He+CO(j') Rotational Inelastic Scattering**
Göktaş F., Akpınar S.
Balkan Physics Letters, vol.11, no.1, pp.55-62, 2003 (Peer-Reviewed Journal)
- II. **A numerical Calculation of Diffraction Spectrum for Diagonal and Octagonal Quasicrystals**
Tatar C., Yıldız A., Göktaş F.
Fırat Üniversitesi Fen Bilimleri Dergisi, vol.12, no.1, pp.141-147, 2001 (Peer-Reviewed Journal)
- III. **An Investigation of Electronic Spectrums of Disordered and Quasicrystal systems in two dimensions**
Yıldız A., Tatar C., Göktaş F.
Fırat University Turkish Journal of Science & Technology, vol.13, no.1, pp.213-218, 2001 (Peer-Reviewed Journal)
- IV. **Product State Distributions and Branching Ratios for the O(1D) + HCl Reaction**
Piermarini V., Balint-Kurti G. G., Gray S. K., Göktaş F., Lagana A., Harnandez M.

Newsletter on Molecular Quantum Dynamics, vol.23, pp.14, 2001 (Peer-Reviewed Journal)

- V. **A Quantum Wave packet Study of Inelastic Atom-diatom Scattering**
Göktaş F., Balint-Kurti G. G., Akpınar S.
Balkan Physics Letters, vol.5, no.1, pp.1-7, 1997 (Peer-Reviewed Journal)
- VI. **A New Technique to Calculate the Density of Electronic States of Five-Fold Structure in Two-Dimensions**
Yıldız A., Göktaş F., Tatar C.
Fırat Üniversitesi Fen Bilimleri Dergisi, vol.9, no.1, pp.85-98, 1997 (Peer-Reviewed Journal)
- VII. **A New Method to Calculate the Electronic Structure of A Diced Lattice**
Yıldız A., Göktaş F., Tatar C.
Balkan Physics Letters, vol.5, no.2, pp.104-110, 1997 (Peer-Reviewed Journal)
- VIII. **Quantum Wave Packet Study of $O(1D)+HCl(v=0) \rightarrow ClO+H$ Reaction**
Göktaş F., Bulut N.
Balkan Physics Letters, vol.5, no.3, pp.155-163, 1997 (Peer-Reviewed Journal)
- IX. **The Calculation of Bound States with Lenczos Algorithm Based on Krylov Subspace**
Göktaş F., Akpınar S.
Fırat Üniversitesi Fen Bilimleri Dergisi, vol.8, no.2, pp.59-68, 1996 (Peer-Reviewed Journal)
- X. **The Fourier Grid Hamiltonian Method**
Göktaş F., Balint-Kurti G. G., Martston C. C.
Quantum Chemistry Program Exchange, vol.14, pp.19-20, 1994 (Peer-Reviewed Journal)
- XI. **The Harmonic Energy Transfer in Four Atom-Four Atom Nonreactive Collinear Inelastic Collisions**
Göktaş F.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Fen Bilimleri Dergisi, vol.5, no.1, pp.762-767, 1989 (Peer-Reviewed Journal)

Books

- I. **5 6 7 ve 8 Sınıflar İçin Zeka Oyunları**
AYDIN E., Saygı E., Kişisel A. Ö., Sulak F., Ürtiş Ç., Ölmez Y., Geçim A. D., GÖKTAŞ F.
MEB Yayınları, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Tokamak Reaktörlerinde Plazma Duvar Etkileşmesi**
Göktaş F., Aydoğdu Y., Pahsa A.
4th International Conference on Material Science and Technology, Ankara, Turkey, 18 - 20 October 2019, pp.5-7
- II. **New Approaches for Data Monitoring, Analysis and Management of Rooftop Based PV Power Plants**
YILDIRIM R., ÇANKAYA İ., GÖKTAŞ F., YILDIZ A., YEŞİLATA B.
3rd International Conference on Engineering Technology and Applied Sciences, ÜSKÜP, Macedonia, 17 - 21 July 2018, pp.435-438
- III. **Effects of Doped Atoms on the Structural, Electronic and Optical Properties of a Carbon Nanotube**
KURBAN M., GÖKTAŞ F.
4TH INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Kiev, Ukraine, 2 - 06 May 2018
- IV. **Gelecek Nesil Bir Güneş Enerjisi Panelinin Kavramsal Tasarımı**
YILDIRIM R., ÇELEBİ F. V., YILDIZ A., GÖKTAŞ F., YEŞİLATA B.
Uluslararası GAP Yenilenebilir Enerji ve Enerji Verimliliği Kongresi, URFA, 10 - 12 May 2018
- V. **Radiation and Its Biological Effects**
GÖKTAŞ F.
6th International Conference on Science, Culture and Sports, Lviv, Ukraine, 25 - 27 April 2018

- VI. **Investigation of Some Physical Features of GaAs Nanoparticles for Solar Cell Applications**
KURBAN M., GÖKTAŞ F.
INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND MATERIALS SCIENCE, 11 - 15 October 2017
- VII. **Hybrid Heating Panel Integrated Office Cubicles: An Experimental Investigation of Power Consumption for Energy-Based Human Comfort**
EVREN M. F., KILKIŞ B., GÖKTAŞ F.
Powering The Energy Transitions, The role of renewable energy and energy efficiency, 7 - 08 September 2017
- VIII. **Türkiye nin Küresel meydan okuması Enerji meselesi ve fırsatlar**
Göktaş F.
5.Uluslararası Bilim, Kültür ve Spor Kongresi, Simkent, Kazakistan, 13 - 15 April 2016, pp.8
- IX. **Wave Packet Study of Three Dimensional Inelastic Scattering: Ne+H₂**
Oturak H., Göktaş F., Kökce A.
1st Hellenic-Turkish International Physics Conference, Muğla, Turkey, 17 - 22 September 2001, pp.117
- X. **Three-Dimensional Reactive Scattering: O(1D)+HCl-->ClO+H**
Göktaş F.
Euro Summer School on Dynamics of Molecular Collisions, Rehovot, Israel, 10 - 14 July 2000, pp.37
- XI. **Time-Dependent Quantum Dynamics of Reactive Scattering: O(1D)+HCl(v=0)-->ClO+H**
Bulut N., Göktaş F., Akpınar S.
II. Uluslararası Kızılırmak Fen Bilimleri Kongresi, Kırıkkale, Turkey, 22 - 26 June 1998, pp.68-77
- XII. **Time-Dependent Quantum Dynamics of three-dimensional Reactive Scattering : Li+HF(v=0,j) --> LiF(v',j') + H**
Göktaş F., Balint-Kurti G. G., Offer A. R.
Conference on the Dynamics of Molecular Collisions, California, United States Of America, 21 - 27 August 1995, pp.113
- XIII. **Time-Dependent Quantum Dynamics of Reactive Scattering : Li+HF(v=0)--> LiF(v')+H**
Göktaş F.
Royal Society of Chemistry Theoretical Chemistry Group Meeting, London, United Kingdom, 05 July 1995, pp.18
- XIV. **Balint-Kurti, G.G., Offer, A.R., and Göğtaş, F.Time-Dependent Quantum Dynamics of Photodissociation and Reactive Scattering**
Balint-Kurti G. G., Offer A. R., Göktaş F.
Conference on Intermolecular Dynamics in the Frequency and Time Domain, Oxford, United Kingdom, 13 - 17 June 1994, pp.47
- XV. **Time-Dependent Quantum Dynamics of 3D Reactive Scattering : Li + HF --> LiF + H**
Göktaş F., Balint-Kurti G. G., Offer A. R.
Conference on Intermolecular Dynamics in the Frequency and Time Domain, Oxford, United Kingdom, 13 - 17 June 1994, pp.36
- XVI. **Time-Dependent Quantum Dynamics of Reactive Scattering: Li+HF(v=0,j=0) -->LiF(v',j')+H**
Göktaş F.
CCP6 Conference on Photodissociation Dynamics, Bristol, United Kingdom, 16 - 20 May 1994, pp.23
- XVII. **Time-Dependent Quantum Dynamics of a Model Li + HF --> LiF + H System**
Offer A. R., Balint-Kurti G. G., Göktaş F., Mort S. P., Lagana A., Gervasi O.
Inelastic Collisions and Photodissociation for Astrophysics Conference, Bristol, United Kingdom, 6 - 12 April 1992, pp.18
- XVIII. **Quantum Three Dimensional Reactive Scattering: Li+HF(v=1,j)→LiF(v',j')+H**
Göktaş F., Balint-Kurti G. G., Offer A. R.
Inelastic Collisions and Photodissociation for Astrophysics Conference, Bristol, United Kingdom, 6 - 10 April 1992, pp.56

Supported Projects

GÖKTAŞ F., TUBITAK Project, TOKAMAK Füzyon Reaktör Tasarımlarında Plazma-Duvar Etkilesmesinin Kuramsal ve Deneysel İncelenmesi ve Malzeme Güvenirliğinin Belirlenmesi, TÜBİTAK 1001, Proje No:118F052., 2018 - Continues
Göktaş F., Sak U., TUBITAK Project, Özel Yetenekliler Öğretim Programı ve Eğitim Materyalleri Projesi, 2018 - 2019
GÖKTAŞ F., Project Supported by Higher Education Institutions, ICETAS 2018 - 3rd International Conference on Engineering Technology and Applied Sciences, 2018 - 2019
Göktaş F., Yesirgil G., TUBITAK Project, Özel Eğitim Müfredat ve Ders Kitapları Hazırlama Projesi, 2018 - 2019
Göktaş F., Kurban M., Project Supported by Higher Education Institutions, Enhancement of the structural, electronic and optical properties of carbon nanotubes, 2018 - 2018
Göktaş F., Kurban M., Project Supported by Higher Education Institutions, Ahi Evran Üniversitesi Mevcut Mikro ve Nano Simulasyon Araştırma Altyapısının Geliştirilmesi, 2017 - 2018
Göktaş F., Keser Ö. F., TUBITAK Project, Müfredat ve Ders Kitapları Hazırlama Projesi, 2012 - 2016
Göktaş F., Sağlam A., Project Supported by Higher Education Institutions, Optik Camlarda ve Lenslerde Ultraviyole Radyasyon Testleri ve Analizleri, 2013 - 2015
Göktaş F., Sağlam A., Project Supported by Higher Education Institutions, Hidroksil Metilkumarin ve Kromonekarboksaldehid Türev Moleküllerinin Konformasyon ve Titreşim Analizleri, 2013 - 2015
Göktaş F., Akpınar S., Project Supported by Higher Education Institutions, Reaktif ve İnelastik Saçılma Problemlerinin Zamana Bağlı Kuantum Dalga Paketi Metodu İle İncelenmesi , 1997 - 1998
Göktaş F., Yıldız A., Akpınar S., TUBITAK Project, Yeni Bir Teknikle Düzensiz Sistemlerin Elektronik Yapısının Hesaplanması , 1996 - 1997
Göktaş F., Yıldız A., Akpınar S., TUBITAK Project, Reaksiyon Dinamiğinin Zamana-Bağlı Kuantum Metodu İle İncelenmesi, 1996 - 1997

Patent

Göktaş F., FGHEVEN, Patent, CHAPTER G Physics, The Invention Registration Number: 19 , 1994

Metrics

Publication: 69

Citation (Scopus): 360

H-Index (Scopus): 8

Non Academic Experience

ÜNİVERSİTELERARASI KURUL, DENKLİK KOMİSYONU BAŞKANI

ÜNİVERSİTELERARASI KURUL, İHBAR VE ŞİKAYETLERİ DEĞERLENDİRME KOMİSYONU BAŞKANI

ÜNİVERSİTELERARASI KURUL, DENKLİK KOMİSYONU ÜYESİ

TUBITAK, Başuzman Araştırmacı

TÜBİTAK, Başuzman- Araştırmacı

Bartın Üniversitesi, Dekan

Fırat Üniversitesi, Fakülte Kurulu Üyesi

Fırat Üniversitesi, Fakülte Yönetim Kurulu Üyesi

Fırat Üniversitesi, Anabilim Dalı Başkanı