

Assoc. Prof. GAMZE KAYA

Personal Information

Office Phone: [+90 286 218 0018](tel:+902862180018) Extension: 30021

Email: gamzekaya@comu.edu.tr

Web: <https://avesis.comu.edu.tr/gamzekaya>

International Researcher IDs

ORCID: 0000-0001-6660-0816

Yoksis Researcher ID: 264197

Education Information

Post Doctorate, Texas A&M University, Science And Petroleum Engineering, Physics/Atomic Molecular And Optical Physics, United States Of America 2016 - 2016

Doctorate, Texas A&M University, Science/Department Of Physics And Astronomy, Atomic Molecular And Optical Physics, United States Of America 2011 - 2015

Masters (Non-Thesis), Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Fizik Eğitimi, Turkey 2002 - 2003

Undergraduate, Karadeniz Technical University, Fen Edebiyat Fakültesi, Fizik Bölümü, Turkey 1998 - 2002

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Nonadiabatic molecular alignment measurements via photoelectron ionization yields and white-light generation, Texas A&M University, Department Of Physics And Astronomy,, Applied Physics,, 2015

Research Areas

Physics, Atomic and Molecular Physics, Molecular Properties and Interactions with Photon, Natural Sciences

Academic Titles / Tasks

Associate Professor, Canakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Elektrik ve Enerji, 2022 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Elektrik Ve Enerji, 2018 - 2022

Assistant Professor, Canakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Elektrik Ve Enerji, 2017 - 2018

Research Assistant PhD, Texas A&M University, Science And Petroleum Engineering, Physics, 2016 - 2016

Research Assistant, Texas A&M University, Department Of Physics And Astronomy, Physics, 2011 - 2015

Academic and Administrative Experience

Head of Department, Canakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Elektrik Ve Enerji, 2022 - Continues

Courses

Optoelectronics and Photonics: Principles and Applications, Postgraduate, 2022 - 2023

Optical Spectroscopy: Methods and PV Applications, Postgraduate, 2020 - 2021

Güç Elektroniği II, Associate Degree, 2019 - 2020

Özel Tesisat, Associate Degree, 2019 - 2020

Güç Elektroniği I, Associate Degree, 2020 - 2021

Temel Elektronik, Associate Degree, 2020 - 2021

Fizik, Associate Degree, 2020 - 2021

Ev Cihazları, Associate Degree, 2019 - 2020

Sözleşme, Keşif ve Planlama, Associate Degree, 2019 - 2020

Ofis Yazılımları, Associate Degree, 2020 - 2021

Advising Theses

Kaya G., Karayolları Tünel Aydınlatma Sistemlerinde Enerji Optimizasyonu Örnek Çalışması: Belkahve Tüneli, Postgraduate, G.ERDİNÇ(Student), 2023

Kaya G., Kurt M., Piezoelektrik tabanlı akustik frekans çözümleyici, Postgraduate, B.ÇİĞDEM(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Controlling Femtosecond Laser Filaments via Quasi-Hermite Gaussian Beam Modes**
Kaya N., Kaya G., Kolomenskii A., Schuessler H.
ACTA PHYSICA POLONICA A, vol.141, no.1, pp.1-7, 2022 (SCI-Expanded)
- II. **Design of a New Ultra-sensitive Methane Sensor Based On Optical Approaches that Utilize Laser Diodes**
Keskin A., Kaya N., Kaya G.
Lasers In Engineering, vol.51, no.1-5, pp.205-215, 2021 (SCI-Expanded)
- III. **Diffraction multifocal lenses by computer-generated holograms**
Kaya N., Kaya G., Strohaber J., Zhou J., Kolomenski A., Schuessler H. A.
OPTICAL ENGINEERING, vol.60, no.5, 2021 (SCI-Expanded)
- IV. **In-situ measurement of aligning intensity and rotational temperature in field-free molecular alignment via white light generation**
Kaya N., Kaya G., Boran Y., Kolomenski A., Schuessler H. A.
Optik, vol.242, no.167360, pp.1-8, 2021 (SCI-Expanded)
- V. **Field-free molecular alignment of carbon dioxide molecules measured with above-threshold ionization yields**
KAYA G.
CANADIAN JOURNAL OF PHYSICS, vol.98, no.4, pp.390-394, 2020 (SCI-Expanded)
- VI. **Controlled formation of femtosecond laser-induced filaments in water**
KAYA G.
EUROPEAN PHYSICAL JOURNAL D, vol.74, no.2, 2020 (SCI-Expanded)
- VII. **Time slicing in 3D momentum imaging of the hydrogen molecular ion photo-fragmentation**
KAYA N., Kaya G., Pham F. V., Strohaber J., Kolomenskii A. A., Schuessler H. A.
REVIEW OF SCIENTIFIC INSTRUMENTS, vol.88, no.2, 2017 (SCI-Expanded)

- VIII. **Nonadiabatic molecular alignment of linear molecules probed by strong-field ionization yields of photoelectrons**
Kaya G., Kaya N., Strohaber J., Hart N. A., Kolomenskii A. A., Schuessler H. A.
APPLIED PHYSICS B-LASERS AND OPTICS, vol.122, no.12, 2016 (SCI-Expanded)
- IX. **Effect of circularly polarized femtosecond laser pulses on alignment dynamics of linear molecules observed by strong-field photoelectron yields**
KAYA N., Kaya G., STROHABER J., Kolomenskii A. A., Schuessler H. A.
EUROPEAN PHYSICAL JOURNAL D, vol.70, no.10, 2016 (SCI-Expanded)
- X. **Extension of filament propagation in water with Bessel-Gaussian beams**
Kaya G., KAYA N., Sayrac M., Boran Y., Strohaber J., Kolomenskii A. A., Amani M., Schuessler H. A.
AIP ADVANCES, vol.6, no.3, 2016 (SCI-Expanded)
- XI. **Probing nonadiabatic molecular alignment by spectral modulation**
Kaya N., Kaya G., Sayrac M., Horan Y., Anumula S., Strohaber J., Kolomenskii A. A., Schuessler H. A.
OPTICS EXPRESS, vol.24, no.3, pp.2562-2576, 2016 (SCI-Expanded)
- XII. **White-light generation control with crossing beams of femtosecond laser pulses**
Kolomenskii A. A., STROHABER J., KAYA N., Kaya G., Sokolov A. V., Schuessler H. A.
OPTICS EXPRESS, vol.24, no.1, pp.282-293, 2016 (SCI-Expanded)
- XIII. **Intensity-resolved above-threshold ionization of xenon with short laser pulses**
Hart N. A., Strohaber J., Kaya G., Kaya N., Kolomenskii A. A., Schuessler H. A.
PHYSICAL REVIEW A, vol.89, no.5, 2014 (SCI-Expanded)
- XIV. **White-light generation using spatially-structured beams of femtosecond radiation**
Kaya N., Strohaber J., Kolomenskii A. A., Kaya G., Schroeder H., Schuessler H. A.
OPTICS EXPRESS, vol.20, no.12, pp.13337-13346, 2012 (SCI-Expanded)
- XV. **In situ tomography of femtosecond optical beams with a holographic knife-edge**
Strohaber J., Kaya G., Kaya N., Hart N., Kolomenskii A. A., Paulus G. G., Schuessler H. A.
OPTICS EXPRESS, vol.19, no.15, pp.14321-14334, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Analysis of Various Acoustic Signals from the Piezoelectric Sensor**
Çiftçi B. Ç., Kaya G., Kurt M.
Journal of advanced research in natural and applied sciences (Online), vol.1, no.1, pp.1-2, 2023 (Peer-Reviewed Journal)
- II. **Control of laser-induced nonadiabatic molecular alignment in dissipative media**
Kaya G.
TURKISH JOURNAL OF PHYSICS, vol.42, no.2, pp.146-156, 2018 (ESCI)
- III. **Direct Mass Spectroscopy Analysis and Comparison of Middle Eastern and Texas Crude Oils**
Kaya G., Kaya N., Amani M., Rahman A., Kolomenski A., Schuessler H.
International Journal of Organic Chemistry, vol.7, no.4, pp.312-318, 2017 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Nonadiabatic Molecular Alignment of Linear Molecules Probed by Strong-Field Ionization Yields of Photoelectrons**
KAYA G., KAYA N., Strohaber J., Hart N., Kolomenskii A., Schuessler H.
in: Exploring the World with the Laser, Dieter Meschede, Thomas Udem, Tilman Esslinger, Editor, Springer, Cham, pp.577-595, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **ENERGY OPTIMIZATION OF HIGHWAY TUNNEL LIGHTING SYSTEMS**
Erdoğan G., KAYA G.
X. INTERNATIONAL ISTANBUL SCIENTIFIC RESEARCH CONGRESS, İstanbul, Turkey, 23 July 2022
- II. **Holographic Airy Beams as good accelerating light sources for energy**
Kaya G.
TURKISH PHYSICAL SOCIETY 37th INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 1 - 05 September 2021, pp.94
- III. **EFFECT OF COLOR FILTERS ON THE PERFORMANCE OF MONOCRYSTALLINE AND POLYCRYSTALLINE PHOTOVOLTAIC SOLAR PANELS**
Kaya G., Gökçen S., Kaya N.
TURKISH PHYSICAL SOCIETY 37TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 1 - 05 September 2021, pp.127
- IV. **Creating airy beams as directed and concentrated energy**
KAYA G., AVCI S., KAYA N., KURT A., KURT M.
INTERNATIONAL GLOBAL CLIMATE CHANGE CONGRESS, Çanakkale, Turkey, 3 - 05 June 2021
- V. **Creating Airy beams as directed and concentrated energy**
KAYA G., AVCI S., KAYA N., KURT A., KURT M.
INTERNATIONAL GLOBAL CLIMATE CHANGE CONGRESS, Çanakkale, Turkey, 03 June 2021
- VI. **Study of wireless energy transmission by different laser modes**
Kaya N., Kaya G.
INTERNATIONAL GLOBAL CLIMATE CHANGE CONGRESS, Çanakkale, Turkey, 03 June 2021
- VII. **Generation of Programmable Diffractive Multi-Focal Lenses**
KAYA N., KAYA G.
4th International Conference on Physical Chemistry and Functional Materials (PCFM'21), Elazığ, Turkey, 08 April 2021
- VIII. **Design of an Ultra-Sensitive Optical Sensor for Atmospheric Level Methane Measurement**
KESKİN A., KAYA G., KAYA N.
TURKISH PHYSICAL SOCIETY 35th INTERNATIONAL PHYSICS CONGRESS (TPS35), 4 - 08 September 2019, vol.1, pp.54-58
- IX. **Femtosecond Laser-Induced Filamentation Control in Liquids**
Keskin A., KAYA G., KAYA N.
TURKISH PHYSICAL SOCIETY 35th INTERNATIONAL PHYSICS CONGRESS (TPS35), 4 - 08 September 2019, vol.1, pp.50-53
- X. **Design of an ultra-sensitive optical sensor for atmospheric level methane measurement.**
KESKİN A., KAYA G., KAYA N.
TFD35: Turkish Physical Society 35. International Physics Congress, Bodrum, Turkey, 4 - 08 September 2019
- XI. **Generation of programmable diffractive lenses with multiple or multi-optical axes, multi-focus, dynamic distance control of focal lengths and energy intensities at foci.**
ÇELİK G., KAYA G., KURT M., KAYA N.
TFD35: Turkish Physical Society 35. International Physics Congress, Bodrum, Turkey, 4 - 08 September 2019
- XII. **Generation of Programmable Diffractive Lenses with Multiple or Multi-Optical Axes, Multi-Focus, Dynamic Distance Control of Focal Lengths and Energy Intensities at Foci**
Çelik G., KAYA G., KURT M., KAYA N.
TURKISH PHYSICAL SOCIETY 35th INTERNATIONAL PHYSICS CONGRESS (TPS35), 4 - 08 September 2019, vol.1, pp.27-30
- XIII. **Femtosecond laser-induced filamentation control in liquids.**
KESKİN A., KAYA G., KAYA N.
TFD35: Turkish Physical Society 35. International Physics Congress, Bodrum, Turkey, 4 - 08 September 2019
- XIV. **Laser induced molecular alignment of CO₂ measured with ATI yields**

KURT M., KAYA G., KURT A., KAYA N.

TFD35: Turkish Physical Society 35. International Physics Congress, Bodrum, Turkey, 4 - 08 September 2019

- XV. **Pressure optimization of High harmonic generation in an argon gas jet**
Sayrac M., Kolomenski A., Strohaber J., Boran Y., Kaya G., KAYA N., Schuessler H.
Cook's Branch Conservancy SIBOR – Workshop 2018, Montgomery, Texas, United States Of America, 09 November 2018, pp.1
- XVI. **STUDY OF THREE-DIMENSIONAL MOMENTUM IMAGING DURING H₂ PHOTO-FRAGMENTATION**
KAYA N., KAYA G., ALEXANDRE A. K., KURT M., SCHUESSLER H.
TURKISH PHYSICAL SOCIETY 33RD INTERNATIONAL PHYSICS CONGRESS, Bodrum, Turkey, 6 - 10 September 2017
- XVII. **Laser induced field-free molecular alignment in dissipative media**
KAYA G., KAYA N.
TFD33: Turkish Physical Society 33rd International Physics Congress, Bodrum, Turkey., 6 - 09 September 2017
- XVIII. **Pressure dependence on nonadiabatic molecular alignment**
KAYA G., KAYA N.
Turkish Physical Society 33rd International Physics Congress, Bodrum, Turkey., 6 - 10 September 2017
- XIX. **Analysis of the components of the crude oil samples with no sample pretreatment**
KAYA G., KAYA N.
TFD33: Turkish Physical Society 33rd International Physics Congress, Bodrum, Turkey, 6 - 09 September 2017
- XX. **Photo-fragmentation of H₂ with femtosecond laser pulses by employing a time-sliced 3D imaging technique**
KAYA N., KAYA G., JAMES S., ALEXANDRE K., KURT M., HANS S.
Turcmos 2017, Bodrum, Turkey, 26 June - 29 July 2017
- XXI. **Nonadiabatic molecular alignment of linear molecules using circularly polarized femtosecond laser pulses**
KAYA N., KAYA G.
TURCMOS 2017: The 3rd International Turkish Congress on Molecular Spectroscopy, Bodrum, Turkey, 26 - 29 August 2017
- XXII. **Spatio-Temporal Control of Femtosecond Laser Filamentation and White-Light Generation**
KAYA N., Kaya G., STROHABER J., Kolomenskii A., SCHUESSLER H.
32nd International Physics Congress of Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 09 September 2016, vol.1815
- XXIII. **Field-free molecular alignment probed via photoelectron ionization yields and white-light generation.**
KAYA G., Kaya N., Strohaber J., Kolomenskii A. A., Schuessler H. A.
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.58
- XXIV. **Spatio temporal control of filamentation and white light generation**
KOLOMENSKI A., KAYA N., KAYA G., STROHABER J., SCHUESSLER H.
LPHYS'16: 25th Annual International Laser Physics Workshop, Yerevan, Armenia, 11 - 15 July 2016
- XXV. **Manifestations of Induced Molecular Alignment in the Interaction of Ultrafast Laser Pulses with Gases**
KOLOMENSKI A., KAYA N., KAYA G., SAYRAC M., BORAN Y., STROHABER J., SCHUESSLER H.
LPHYS'16: 25th Annual International Laser Physics Workshop, Yerevan, Armenia, 11 - 15 July 2016
- XXVI. **Photo electron yields of linear molecules aligned by circularly polarized femtosecond laser pulses**
KAYA G., KAYA N., KOLOMENSKI A., SCHUESSLER H.
SWUFC-2016 Southwest Ultrafast Conference, AUSTIN, United States Of America, 16 - 17 June 2016
- XXVII. **Impulsive molecular alignment control on filamentation**
KAYA N., KAYA G., KOLOMENSKI A., SCHUESSLER H.
SWUFC-2016 Southwest Ultrafast Conference, AUSTIN, United States Of America, 16 - 17 June 2016
- XXVIII. **Sensitive Molecular Spectroscopy of crude oil and well gas**
Kaya G., Kaya N., Amani M., Kolomenskii A. A., Schuessler H. A.
Forcing partnerships to meet challenges: The 5th annual Research-Industry Partnership Showcase, Ad-Dawhah,

Qatar, 15 May 2016

- XXIX. **Intensity resolved above-threshold ionization of xenon with short laser pulses**
Hart N. A., Strohaber J., KAYA G., KAYA N., Kolomenskii A. A., Schuessler H. A.
SIBOR 2015 -Workshop, Texas, United States Of America, 6 - 07 November 2015
- XXX. **Time sliced 3D momentum imaging of Hhydrogen ion photofragmentation**
KAYA N., KAYA G., STROHABER J., KOLOMENSKI A., SCHUESSLER H.
SIBOR 2015- Workshop, Cook's Branch Conservancy, MONTGOMERY, TEXAS, United States Of America, 06 November 2015
- XXXI. **Molecular alignment control of filamentation**
Kaya N., Kaya G., Sayrac M., Anumula S., Boran Y., Kolomenskii A., Amani M., Schuessler H.
ATTO2015: 5th International conference on Attosecond Physics. July 6-10, 2015 in Saint-Sauveur, Québec, Canada, Quebec, Canada, 6 - 10 July 2015
- XXXII. **Filament propagation length of femtosecond pulses with Gaussian and Bessel Gaussian modes**
KAYA N., MUHAMMED S., KAYA G., BORAN Y., JAMES S., ALEXANDRE K., HANS S.
Bulletin of the American Physical Society: Fall 2014 Joint Meeting of the Texas Section of the APS, Texas Section of the AAPT, and Zone 13 of the Society of Physics Students, United States Of America, 17 - 19 October 2014, vol.59
- XXXIII. **Effect of different transverse modes of femtosecond pulses on filament propagation**
Kaya N., Kaya G., Sayrac M., Strohaber J., Kolomenskii A., Schuessler H.
ICAP 2014: 24th International Conference on Atomic Physics, August 3-8, 2014, Washington D.C., Washington, Kiribati, 3 - 08 August 2014
- XXXIV. **Molecular alignment measured with photoelectron ionization yields**
KAYA G., Kaya N., Strohaber J., Hart N. A., Sayrac M., Kolomenskii A. A., Schuessler H. A.
ICAP 2014: 24th International Conference on Atomic Physics, Washington D.C., United States Of America, 3 - 08 August 2014, pp.131
- XXXV. **Time sliced 3D momentum imaging of H₂ photofragmentation**
KAYA N., KAYA G., STROHABER J., KOLOMENSKI A., SCHUESSLER H.
ICAP 2014: 24th International Conference on Atomic Physics, August 3-8, 2014, Washington D.C., Washington, Kiribati, 3 - 08 August 2014
- XXXVI. **Pressure optimization of high harmonic generation with argon gas jet**
Sayrac M., Kolomenskii A. A., Strohaber J., Boran Y., KAYA G., Kaya N., Schuessler H. A.
ICAP 2014: 24th International Conference on Atomic Physics, Washington D.C., United States Of America, 3 - 08 August 2014, pp.200
- XXXVII. **Revival structures of N₂ Molecules in Field-Free Alignment by Above Threshold Ionization**
KAYA G., Strohaber J., KAYA N., Hart N., Kolomenskii A. A., Schuessler H. A.
SIBOR 2013 - Workshop, Montgomery, Teksas, United States Of America, 01 November 2013
- XXXVIII. **Enhancement or suppression of white light generation at the interaction of crossing femtosecond laser beams**
KAYA N., KOLOMENSKI A., KAYA G., SCHROEDER H., STROHABER J., SCHUESSLER H.
SIBOR 2013- Workshop, Cook's Branch Conservancy, MONTGOMERY, TEKSAS, United States Of America, 01 November 2013
- XXXIX. **Time sliced 3D imaging of photodissociation of H₂ at 800nm**
KAYA N., PHAM F., KAYA G., STROHABER J., KOLOMENSKI A., PAULUS G., SCHUESSLER H.
SIBOR 2013- Workshop, Cook's Branch Conservancy, MONTGOMERY, TEXAS, United States Of America, 01 November 2013
- XL. **Pressure optimization of HHG for bio-chemical applications**
Sayrac M., Kolomenskii A. A., Anumula S., Boran Y., KAYA G., KAYA N., Schuessler H.
SIBOR2014- Workshop, Montgomery, Teksas, United States Of America, 07 November 2014 - 01 November 2013
- XLI. **Molecular rotational constants of N₂, O₂, CO, and C₂H₂ measured with photoelectron ionization yield**
KAYA G., KAYA N., Hart N. A., Sayrac M., Anumula S., Strohaber J., Kolomenskii A. A., Amani M., Schuessler H. A.
SIBOR 2014 - Workshop, Montgomery, Teksas, United States Of America, 07 November 2014 - 01 November 2013

- XLII. **White light generation by intense femtosecond pulses with different transverse modes A detailed study on Bessel beam propagation**
KAYA N., SAYRAC M., KAYA G., STROHABER J., KOLOMENSKI A., SCHUESSLER H.
SIBOR 2013 - Workshop, Cook's Branch Conservancy, MONTGOMERY, TEKSAS, United States Of America, 01 November 2013
- XLIII. **White-light generation by intense femtosecond pulses with different transverse modes**
KAYA N., Sayrac M., KAYA G., Strohaber J., Kolomenskii A. A., Schuessler H. A.
SIBOR 2013 - Workshop, Montgomery, Teksas, United States Of America, 01 November 2012 - 01 November 2013
- XLIV. **Intensity-resolved above threshold ionization yields obtained with femtosecond laser pulses**
Hart N. A., Strohaber J., KAYA G., Kolomenskii A. A., Paulus G. G., Schuessler H. A.
ICAP 2012: The 23rd International Conference on Atomic Physics, Palaiseau, France, 23 - 27 July 2012, pp.274
- XLV. **In situ tomography of femtosecond optical beams with a holographic knife-edge**
Strohaber J., KAYA G., Kaya N., Hart N. A., Kolomenskii A. A., Paulus G. G., Schuessler H. A.
ICAP2012: The 23rd International Conference on Atomic Physics, Palaiseau, France, 23 - 27 July 2012, pp.274
- XLVI. **White light generation using spatially structured beams of femtosecond radiation**
Kaya N., Strohaber J., Schroeder H., Kolomenski A., Kaya G., Paulus G., Schuessler H.
ICAP 2012: The 23rd International Conference on Atomic Physics, 23-27 July 2012 Ecole polytechnique, Palaiseau-France, Saint-Paul, France, 23 - 27 July 2012

Supported Projects

Kaya N., KAYA G., KURT A., TUBITAK Project, Metan Ölçümleri İçin Yeni Ultra-Hassas Optik Sensör Geliştirilmesi, 2022 - 2024

KAYA G., KAYA N., KURT M., KURT A., Project Supported by Higher Education Institutions, Faz temelli uzamsal ışık modölatörü kullanarak holografik Airy ışınlarının üretilmesi, 2021 - 2023

Kaya G., Kaya N., TUBITAK Project, Eş Eksenli Ya Da Çok Eksenli, Çok Odaklı Programlanabilir Holografik Difraktif Lenslerin Üretilmesi, 2020 - 2023

KURT M., ÇİFTÇİ B. Ç., KAYA G., Project Supported by Higher Education Institutions, PİEZOELERKTRİK TABANLI AKUSTİK FREKANS ÇÖZÜMLEYİCİ, 2019 - 2021

Kaya G., Other International Funding Programs, Remote Measurements of Hydrocarbon and Greenhouse Gases in Fluids Carrying Them, 2013 - 2016

Kaya G., Other International Funding Programs, Gas tracers for interwell exploring petroleum reservoir structure, 2012 - 2016

Kaya G., Other International Funding Programs, Optical Studies of Ultra Cold Molecular Ions Using Femtosecond and XUV Laser Radiation, 2012 - 2014

Kaya G., Schuessler H. A., Other International Funding Programs, Development of a Phase-coherent Laser System for Attosecond Science and Precision Spectroscopy, 2007 - 2013

Kaya G., Schuessler H. A., Other International Funding Programs, Quantum Optics with Single Optical Cycles, 2006 - 2012

Memberships / Tasks in Scientific Organizations

Amerikan Fizik Topluluğu / American Physical Society (APS), Member, 2014 - 2015

Metrics

Publication: 78

Citation (WoS): 100

Citation (Scopus): 120

H-Index (WoS): 7

H-Index (Scopus): 7