

Doç. Dr. GAMZE KAYA

Kişisel Bilgiler

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Yoksis Araştırmacı ID: 264197

Eğitim Bilgileri

Post Doktora, Texas A&M University, Science And Petroleum Engineering, Physics/Atomic Molecular And Optical Physics, Amerika Birleşik Devletleri 2016 - 2016

Doktora, Texas A&M University, Science/Department Of Physics And Astronomy, Atomic Molecular And Optical Physics, Amerika Birleşik Devletleri 2011 - 2015

Yüksek Lisans-Tezsiz, Çanakkale Onsekiz Mart Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Eğitimi, Türkiye 2002 - 2003

Lisans, Karadeniz Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1998 - 2002

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

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

Araştırma Alanları

Fizik, Atom ve Molekül Fiziği, Moleküler Özellikler ve Fotonla Etkileşimler, Temel Bilimler

Akademik Unvanlar / Görevler

Doç. Dr., Çanakkale Onsekiz Mart Üniversitesi, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Elektrik ve Enerji, 2022 - Devam Ediyor

Dr. Öğr. Üyesi, Çanakkale Onsekiz Mart Üniversitesi, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Elektrik Ve Enerji, 2018 - 2022

Yrd. Doç. Dr., Çanakkale Onsekiz Mart Üniversitesi, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Elektrik Ve Enerji, 2017 - 2018

Araştırma Görevlisi Dr., Texas A&M University, Science And Petroleum Engineering, Physics, 2016 - 2016

Araştırma Görevlisi, Texas A&M University, Department Of Physics And Astronomy, Physics, 2011 - 2015

Akademik İdari Deneyim

Bölüm Başkanı, Çanakkale Onsekiz Mart Üniversitesi, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Elektrik Ve Enerji,
2022 - Devam Ediyor

Verdiği Dersler

Optoelektronik ve Fotonik: İlkeler ve Uygulamalar, Yüksek Lisans, 2022 - 2023

Optik Spektroskopisi: Yöntemler ve FV Uygulamaları, Yüksek Lisans, 2020 - 2021

Güç Elektronik II, Ön Lisans, 2019 - 2020

Özel Tesisat, Ön Lisans, 2019 - 2020

Güç Elektronik I, Ön Lisans, 2020 - 2021

Temel Elektronik, Ön Lisans, 2020 - 2021

Fizik, Ön Lisans, 2020 - 2021

Ev Cihazları, Ön Lisans, 2019 - 2020

Sözleşme, Keşif ve Planlama, Ön Lisans, 2019 - 2020

Ofis Yazılımları, Ön Lisans, 2020 - 2021

Yönetilen Tezler

Kaya G., Karayolları Tünel Aydınlatma Sistemlerinde Enerji Optimizasyonu Örnek Çalışması: Belkahve Tüneli, Yüksek Lisans, G.ERDİNÇ(Öğrenci), 2023

Kaya G., Kurt M., Piezoelektrik tabanlı akustik frekans çözümleyici, Yüksek Lisans, B.ÇİĞDEM(Öğrenci), 2021

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Controlling Femtosecond Laser Filaments via Quasi-Hermite Gaussian Beam Modes**
Kaya N., Kaya G., Kolomenskii A., Schuessler H.
ACTA PHYSICA POLONICA A, cilt.141, sa.1, ss.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, cilt.51, sa.1-5, ss.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, cilt.60, sa.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, cilt.242, sa.167360, ss.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, cilt.98, sa.4, ss.390-394, 2020 (SCI-Expanded)
- VI. **Controlled formation of femtosecond laser-induced filaments in water**
KAYA G.
EUROPEAN PHYSICAL JOURNAL D, cilt.74, sa.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, cilt.88, sa.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, cilt.122, sa.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, cilt.70, sa.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, cilt.6, sa.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, cilt.24, sa.3, ss.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, cilt.24, sa.1, ss.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, cilt.89, sa.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, cilt.20, sa.12, ss.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, cilt.19, sa.15, ss.14321-14334, 2011 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- 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), cilt.1, sa.1, ss.1-2, 2023 (Hakemli Dergi)
- II. **Control of laser-induced nonadiabatic molecular alignment in dissipative media**
Kaya G.
TURKISH JOURNAL OF PHYSICS, cilt.42, sa.2, ss.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., Kolomenskii A., Schuessler H.
International Journal of Organic Chemistry, cilt.7, sa.4, ss.312-318, 2017 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- 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.
Exploring the World with the Laser, Dieter Meschede, Thomas Udem, Tilman Esslinger, Editör, Springer, Cham, ss.577-595, 2018

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **ENERGY OPTIMIZATION OF HIGHWAY TUNNEL LIGHTING SYSTEMS**
Erdoğan G., KAYA G.
X. INTERNATIONAL ISTANBUL SCIENTIFIC RESEARCH CONGRESS, İstanbul, Türkiye, 23 Temmuz 2022
- II. **Holographic Airy Beams as good accelerating light sources for energy**
Kaya G.
TURKISH PHYSICAL SOCIETY 37th INTERNATIONAL PHYSICS CONGRESS, Muğla, Türkiye, 1 - 05 Eylül 2021, ss.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, Türkiye, 1 - 05 Eylül 2021, ss.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, Türkiye, 3 - 05 Haziran 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, Türkiye, 03 Haziran 2021
- VI. **Study of wireless energy transmission by different laser modes**
Kaya N., Kaya G.
INTERNATIONAL GLOBAL CLIMATE CHANGE CONGRESS, Çanakkale, Türkiye, 03 Haziran 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, Türkiye, 08 Nisan 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 Eylül 2019, cilt.1, ss.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 Eylül 2019, cilt.1, ss.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, Türkiye, 4 - 08 Eylül 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, Türkiye, 4 - 08 Eylül 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 Eylül 2019, cilt.1, ss.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, Türkiye, 4 - 08 Eylül 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, Türkiye, 4 - 08 Eylül 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, Amerika Birleşik Devletleri, 09 Kasım 2018, ss.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, Türkiye, 6 - 10 Eylül 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 Eylül 2017

XVIII. Pressure dependence on nonadiabatic molecular alignment

KAYA G., KAYA N.

Turkish Physical Society 33rd International Physics Congress, Bodrum, Turkey., 6 - 10 Eylül 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 Eylül 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, Türkiye, 26 Haziran - 29 Temmuz 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 Ağustos 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, Türkiye, 6 - 09 Eylül 2016, cilt.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, Türkiye, 6 - 09 Eylül 2016, ss.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, Ermenistan, 11 - 15 Temmuz 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, Ermenistan, 11 - 15 Temmuz 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, Amerika Birleşik Devletleri, 16 - 17 Haziran 2016

XXVII. Impulsive molecular alignment control on filamentation

KAYA N., KAYA G., KOLOMENSKI A., SCHUESSLER H.

SWUFC-2016 Southwest Ultrafast Conference, AUSTIN, Amerika Birleşik Devletleri, 16 - 17 Haziran 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 Mayıs 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, Amerika Birleşik Devletleri, 6 - 07 Kasım 2015

XXX. Time sliced 3D momentum imaging of Hydrogen ion photofragmentation

KAYA N., KAYA G., STROHABER J., KOLOMENSKI A., SCHUESSLER H.

SIBOR 2015- Workshop, Cook's Branch Conservancy, MONTGOMERY, TEXAS, Amerika Birleşik Devletleri, 06 Kasım

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, Kanada, 6 - 10 Temmuz 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, Amerika Birleşik Devletleri, 17 - 19 Ekim 2014, cilt.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 Ağustos 2014
- XXXIV. **Molecular alignment measured with photoelectron ionization yields**
KAYA G., Kaya N., Strohaber J., Hart N. A., Sayraç M., Kolomenskii A. A., Schuessler H. A.
ICAP 2014: 24th International Conference on Atomic Physics, Washington D.C., Amerika Birleşik Devletleri, 3 - 08 Ağustos 2014, ss.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 Ağustos 2014
- XXXVI. **Pressure optimization of high harmonic generation with argon gas jet**
Sayraç 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., Amerika Birleşik Devletleri, 3 - 08 Ağustos 2014, ss.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, Amerika Birleşik Devletleri, 01 Kasım 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, Amerika Birleşik Devletleri, 01 Kasım 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, Amerika Birleşik Devletleri, 01 Kasım 2013
- XL. **Pressure optimization of HHG for bio-chemical applications**
Sayraç M., Kolomenskii A. A., Anumula S., Boran Y., KAYA G., KAYA N., Schuessler H.
SIBOR2014- Workshop, Montgomery, Teksas, Amerika Birleşik Devletleri, 07 Kasım 2014 - 01 Kasım 2013
- XLI. **Molecular rotational constants of N₂, O₂, CO, and C₂H₂ measured with photoelectron ionization yield**
KAYA G., KAYA N., Hart N. A., Sayraç M., Anumula S., Strohaber J., Kolomenskii A. A., Amani M., Schuessler H. A.
SIBOR 2014 - Workshop, Montgomery, Teksas, Amerika Birleşik Devletleri, 07 Kasım 2014 - 01 Kasım 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, Amerika Birleşik Devletleri, 01 Kasım 2013
- XLIII. **White-light generation by intense femtosecond pulses with different transverse modes**
KAYA N., Sayraç M., KAYA G., Strohaber J., Kolomenskii A. A., Schuessler H. A.

SIBOR 2013 - Workshop, Montgomery, Teksas, Amerika Birleşik Devletleri, 01 Kasım 2012 - 01 Kasım 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, Fransa, 23 - 27 Temmuz 2012, ss.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, Fransa, 23 - 27 Temmuz 2012, ss.274

XLVI. White light generation using spatially structured beams of femtosecond radiation

Kaya N., Strohaber J., Schroeder H., Kolomenskii 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, Fransa, 23 - 27 Temmuz 2012

Desteklenen Projeler

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

KAYA G., KAYA N., KURT M., KURT A., Yükseköğretim Kurumları Destekli Proje, Faz temelli uzamsal ışık modülatörü kullanarak holografik Airy ışınlarının üretilmesi, 2021 - 2023

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

KURT M., ÇİFTÇİ B. Ç., KAYA G., Yükseköğretim Kurumları Destekli Proje, PİEZOELERKTRİK TABANLI AKUSTİK FREKANS ÇÖZÜMLEYİCİ, 2019 - 2021

Kaya G., Diğer Uluslararası Fon Programları, Remote Measurements of Hydrocarbon and Greenhouse Gases in Fluids Carrying Them, 2013 - 2016

Kaya G., Diğer Uluslararası Fon Programları, Gas tracers for interwell exploring petroleum reservoir structure, 2012 - 2016

Kaya G., Diğer Uluslararası Fon Programları, Optical Studies of Ultra Cold Molecular Ions Using Femtosecond and XUV Laser Radiation, 2012 - 2014

Kaya G., Schuessler H. A., Diğer Uluslararası Fon Programları, Development of a Phase-coherent Laser System for Attosecond Science and Precision Spectroscopy, 2007 - 2013

Kaya G., Schuessler H. A., Diğer Uluslararası Fon Programları, Quantum Optics with Single Optical Cycles, 2006 - 2012

Bilimsel Kuruluşlardaki Üyelikler / Görevler

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

Metrikler

Yayın: 78

Atıf (WoS): 100

Atıf (Scopus): 120

H-İndeks (WoS): 7

H-İndeks (Scopus): 7