

Prof. MUSTAFA KURT

Personal Information

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

Email: mkurt@comu.edu.tr

Other Email: mustafa.kurt121314@gmail.com

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

Address: Mühendislik Fakültesi, Elektronik Müh. Bölümü, Çanakkale Onsekiz Mart Üniversitesi, 17100 ÇANAKKALE

International Researcher IDs

ORCID: 0000-0002-5021-992X

Yoksis Researcher ID: 124277

Education Information

Post Doctorate, Middle East Technical University, Fen Edebiyat Fak. Fizik Bölümü, Fizik, Turkey 2007 - 2009

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Atom Ve Molekül Fiziği, Turkey 2002 - 2007

Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Atom Ve Molekül Fiziği, Turkey 1999 - 2001

Undergraduate, Middle East Technical University, Fizik, Turkey 1995 - 1999

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Occupational Health and Safety, LAZER Güvenliği Eğitimi, TÜBİTAK BİLGEM, 2014

Dissertations

Doctorate, Lazer ile Oluşturulmuş Hava Plazmasının Zamansal Analizi, Middle East Technical University, Fen Bilimleri Enstitüsü, Fizik, 2007

Postgraduate, Fiber Optik Jiroskob' un Teorisi Ve Uygulama Olarak Pasif Yer Tayini Sisteminde Kullanımı, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Fizik, 2001

Research Areas

Physics, Atomic and Molecular Physics, Theory of Atoms and Molecules, Atomic Spectra and Photon Interactions, Interdisciplinary Physics and Related Science and Technology Areas, Materials Science, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Equations of State, Phase Equilibria, and Phase Transitions, Natural Sciences

Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2021 - Continues
Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2020 - 2021
Associate Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2014 - 2020
Assistant Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2009 - 2014
Other, Middle East Technical University, Fen Edebiyat Fakültesi, Fizik, 2007 - 2009
Research Assistant, Middle East Technical University, Fen Edebiyat Fakültesi, Fizik, 2001 - 2007
Research Assistant, Canakkale Onsekiz Mart University, Fen Edebiyat Fak., Fizik, 1999 - 2001

Academic and Administrative Experience

Head of Department, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2021 - Continues
Rector's Advisor, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2020 - 2023

Courses

Modern Fiziğe Giriş, Undergraduate, 2015 - 2016
Fizik III, Undergraduate, 2016 - 2017, 2015 - 2016
Faz geçişleri ve Kritik Fenomena, Doctorate, 2015 - 2016
Faz Geçişleri Teorisine Giriş, Doctorate, 2016 - 2017
Modern Physics, Undergraduate, 2015 - 2016, 2014 - 2015
İleri Optik Tasarım II, Postgraduate, 2014 - 2015
Lazer Tasarımı, Postgraduate, 2015 - 2016
Lasers and Applications, Undergraduate, 2014 - 2015
Genel Fizik 1, Undergraduate, 2015 - 2016

Advising Theses

KURT M., Diyot Lazer Kullanarak Metalik Yüzeylerdeki Mikrokırıkların Giderilmesi, Postgraduate, A.Can(Student), 2017
KURT M., FARKLI YÜZEYLERİN SÜTÜNME VE PÜRÜZLÜLÜKLERİNİN LAZER VE OPTİK SİSTEMYARDIMI İLE İNCELENMESİ, Postgraduate, M.ÖZTÜRK(Student), 2016
KURT M., Ultraviyole, görünür ve yakın kızılötesi dalga boylarına sahip lazerlerde M2 parametresinin ölçümü, Postgraduate, A.Başaran(Student), 2015
KURT M., Yüksek çözünürlüklü kamera tasarımı, Postgraduate, D.Dilar(Student), 2015
KURT M., Kan Lekesinin Yaş Tayininde Şeker Faktörünün Etkisinin Spektral Olarak Belirlenmesi, Postgraduate, K.Sümerbaş(Student), 2014
KURT M., Ferroelektrik Sıvı Kristal Karışımlarındaki Smektik Faz Geçişi Sırasında Eğim Açısı ve Kendiliğinden Kutuplanmanın Sıcaklık Bağımlılığının Belirlenmesi, Postgraduate, S.Avcı(Student), 2014
KURT M., Lazer ile Havada Oluşturulan Plazma İçindeki Bileşenlerin Hızlarının Belirlenmesi, Postgraduate, D.Çalışkan(Student), 2014
KURT M., Atmosferik Haberleşme Sistemleri İçin Optik Anten Tasarımı, Postgraduate, S.ÖZTÜRK(Student), 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Design of EM-artifact-free earphone based on the photoacoustic effect**
Musdal B. D., KURT M.
PHOTOACOUSTICS, vol.21, 2021 (SCI-Expanded)
- II. **Impact of UV-C radiation on growth of micro and macro algae in irrigation systems**

TEKİNER M., AK İ., KURT M.

SCIENCE OF THE TOTAL ENVIRONMENT, vol.672, pp.81-87, 2019 (SCI-Expanded)

- III. **Calculation of the infrared frequency and the damping constant (full width at half maximum) for metal organic frameworks**
Kurt M., Yurtseven H., Kurt A., Aksoy S.
CHINESE PHYSICS B, vol.28, no.6, 2019 (SCI-Expanded)
- IV. **Calculation of the Raman and IR frequencies as order parameters and the damping constant (FWHM) close to phase transitions in methylhydrazinium structures**
KURT M., YURTSEVEN H. H., KURT A.
Journal of Molecular Structure, vol.1181, pp.488-492, 2019 (SCI-Expanded)
- V. **Analysis of the peak position and linewidth as a function of temperature for the phase transitions in LiKSO₄**
YURTSEVEN H. H., KURT M.
MODERN PHYSICS LETTERS B, vol.30, no.5, 2016 (SCI-Expanded)
- VI. **Analysis of the Tilt Angle for a Binary Mixture of C7-70PDOB Liquid Crystal Close to the Smectic A-Smectic C* Transition**
Kurt M., Avci S.
FERROELECTRICS, vol.471, no.1, pp.118-127, 2014 (SCI-Expanded)
- VII. **Temperature dependence of the order parameters (spontaneous polarisation and the tilt angle) at various concentrations for a mixture of SCE9+SCE10**
YURTSEVEN H. H., KURT M.
LIQUID CRYSTALS, vol.39, no.5, pp.539-544, 2012 (SCI-Expanded)
- VIII. **Temperature Dependence of the Tilt Angle for the Smectic A-Smectic C* Transition in a Mixture of C7-70PDOB Ferroelectric Liquid Crystals near the Tricritical Point**
KURT M., Yurtseven H.
ADVANCES IN CONDENSED MATTER PHYSICS, vol.2012, 2012 (SCI-Expanded)
- IX. **PIPPARD RELATIONS MODIFIED FOR THE RAMAN FREQUENCY SHIFTS CLOSE TO I-II PHASE TRANSITION IN S-TRIAZINE**
YURTSEVEN H. H., KURT M.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.25, no.32, pp.4641-4653, 2011 (SCI-Expanded)
- X. **ANALYSIS OF THE FREQUENCY SHIFT AND THE LINEWIDTH AS A FUNCTION OF TEMPERATURE IN SOLID NITROGEN**
KURT M., YURTSEVEN H. H.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.25, no.27, pp.3679-3689, 2011 (SCI-Expanded)
- XI. **TILT ANGLE AND THE TEMPERATURE SHIFTS CALCULATED AS A FUNCTION OF CONCENTRATION FOR THE AC* PHASE TRANSITION IN A BINARY MIXTURE OF LIQUID CRYSTALS**
YURTSEVEN H. H., KURT M.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.25, no.13, pp.1791-1806, 2011 (SCI-Expanded)
- XII. **Pressure dependence of the Raman frequency shifts related to the thermodynamic quantities in phase II of s-triazine**
YURTSEVEN H. H., KURT M.
INDIAN JOURNAL OF PHYSICS, vol.85, no.4, pp.615-628, 2011 (SCI-Expanded)
- XIII. **ANALYSIS OF HEAT CAPACITY AND GLASS TRANSITION IN AMORPHOUS ICE**
YURTSEVEN H. H., KURT M.
MODERN PHYSICS LETTERS B, vol.24, no.17, pp.1915-1921, 2010 (SCI-Expanded)
- XIV. **Temperature Dependence of The Raman Frequency Shifts Related to The Specific Heat and Thermal Expansion Close To I-II Phase Transition in S-Triazine.**
KURT M., YURTSEVEN H. H.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.29, pp.89-101, 2010 (SCI-Expanded)
- XV. **CRITICAL BEHAVIOR OF THE SPECIFIC HEAT IN THE VICINITY OF THE TRANSITION TEMPERATURE FOR S-TRIAZINE**

- Kurt M., YURTSEVEN H. H.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.23, no.9, pp.2253-2259, 2009 (SCI-Expanded)
- XVI. **Calculation of the Specific Heat Close to Phase Transition in S-triazine**
KURT M., YURTSEVEN H. H.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.28, no.4, pp.217-222, 2009 (SCI-Expanded)
- XVII. **Refractive index and extinction coefficient determination of an absorbing thin film by using the continuous wavelet transform method**
COŞKUN E., SEL K., ÖZDER S., KURT M.
APPLIED OPTICS, vol.47, no.27, pp.4888-4894, 2008 (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. **Calculation of Residual Stress in Ships by the Method of the Fresnel Approximation**
Öztürk S., Kurt M.
acta natura et scientia, vol.3, no.1, pp.59-69, 2022 (Peer-Reviewed Journal)
- III. **Evaluation of Cross-Section and Wing Length in Free Vibration Analysis of Aircraft Wings**
Evrans S., Kurt M., Kurt A.
Journal of Aviation, vol.4, no.2, pp.17-24, 2020 (Peer-Reviewed Journal)
- IV. **Calculation of the ν_4 (NH₄) IR Mode Frequency and the Damping Constant (FWHM) close to the Phase Transitions in NH₄ZN(HCOO)₃ and ND₄ZN(DCOO)₃**
KURT A., YURTSEVEN H. H., KURT M.
International Journal of Chemistry and Research, vol.1, no.2, pp.46-50, 2019 (Peer-Reviewed Journal)
- V. **Calculation of the Frequency and Line width of the IR Modes as a Function of Temperature in DMMg and DM Cd**
KURT A., YURTSEVEN H. H., KURT M.
International Journal of Chemistry and Research, vol.1, no.1, pp.19-23, 2019 (Peer-Reviewed Journal)
- VI. **Determination of absorption coefficient of Chlorella vulgaris and Arthrospira maxima in water**
TEKİNER M., KURT M., AK İ., KURT A.
American Institute of Physics Conference Proceedings, vol.1935, no.1, 2018 (Peer-Reviewed Journal)
- VII. **Band-Widths Of the Raman Stretching Modes as A Function of Pressure In Solid Nitrogen**
Yurtseven H., KURT M.
Trends in Applied Physics, vol.9, pp.1, 2013 (Peer-Reviewed Journal)
- VIII. **Spontaneous Polarization and the Tilt Angle as a Function of Temperature in the Chiral Smectic C Phase C Of SCE9 and SCE10**
YURTSEVEN H. H., KURT M.
BALKAN PHYSICS LETTER, vol.19, no.191039, pp.335-340, 2011 (Peer-Reviewed Journal)
- IX. **Temperature Dependence of the Raman Frequency Shifts and the Linewidths in the Phase of Quartz**
KURT M., YURTSEVEN H. H.
BALKAN PHYSICS LETTER, vol.19, no.191042, pp.362-368, 2011 (Peer-Reviewed Journal)
- X. **Calculation of the temperature-induced frequency shifts of the raman modes as a function of pressure in phase I of s-triazine**
KURT M., Yurtseven H.
BALKAN PHYSICS LETTER, vol.18, pp.291-300, 2010 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **CALCULATION OF ENERGY CONVERSION EFFICIENCY IN PARABOLIC TROUGH SOLAR COLLECTORS**
KURT A., AVCI S., KURT M.
TURKISH PHYSICAL SOCIETY 39TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2023
- II. **CALCULATION OF DIELECTRIC SENSITIVITY AND RELAXATION TIME IN ETHYLAMMONIUM-SODIUM-CHROME-FORMATE BY USING LANDAU MEAN FIELD MODEL**
AKSOY S., KURT A., KURT M., AVCI S.
TURKISH PHYSICAL SOCIETY 38TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2022
- III. **Calculating of pressure dependent isothermal compressibility in Formamidinium Manganese-Hypophosphite Hybrid Perovskite**
AVCI S., KURT M.
Turkish Physical Society 38th International Physics Congress (TPS38), Muğla, Turkey, 31 August - 04 September 2022
- IV. **Investigation of Radiation-heat conversion efficiency for Absorbers Made by Different Materials in Parabolic Solar Collectors**
AVCI S., KURT A., KURT M.
Turkish Physical Society 38th International Physics Congress (TPS38), Muğla, Turkey, 31 August - 04 September 2022
- V. **Ba₂SmBiO₆ Perovskit malzemenin basınca bağlı izotermal sıkıştırılabilirlik ve Bulk modülünün analizi**
Avcı S., Kurt M.
IV. Ulusal Mühendislikte Bilimsel ve Mesleki Çalışmalar Kongresi – (UMUH BILMES 2021), Tokat, Turkey, 23 - 26 December 2021, pp.14-15
- VI. **FORMAMIDINIUM MAGNESIUM HYPOPHOSPHITE PEROVSKITE MALZEMENİN SICAKLIĞA BAĞLI FAZ GEÇİŞİNİN LANDAU ORTALAM ALAN TEORİSİ İLE MODELLENMESİ**
AKSOY S., KURT A., KURT M.
INTERNATIONAL SYMPOSIUM ON ENGINEERING, NATURAL AND SOCIAL SCIENCES - ISENS-21, Batman, Turkey, 25 - 28 November 2021
- VII. **Analysis of isothermal compressibility and bulk modulus as a function of pressure in Methylhydrazinium Manganese Hypophosphite Perovskites**
AVCI S., KURT M.
8th International Conference On Materials Science And Nanotechnology For Next Generation (MSNG2021), Elazığ, Turkey, 14 - 16 July 2021
- VIII. **Calculation of isothermal compressibility and bulk modulus as a function of pressure in a polar perovskite-like [C₂H₅NH₃]Na_{0.5}Cr_{0.5}(HCOO)₃ metal-organic framework**
Avcı S., Kurt M.
Turkish Physical Society 37th International Physics Congress (TPS37), Muğla, Turkey, 1 - 05 September 2021, pp.118
- IX. **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
- X. **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
- XI. **Solar Energy Potential in Turkey**
Avcı S., Kurt M.
INTERNATIONAL GLOBAL CLIMATE CHANGE CONGRESS, Çanakkale, Turkey, 3 - 05 June 2021
- XII. **THE FREQUENCY, LINEWIDTH (FWHM) AND THE ACTIVATION ENERGY CALCULATIONS AS A**

FUNCTION OF TEMPERATURE FOR THE INTERNAL MODES IN CH₃NH₂NH₂PbBr₃

AVCI S., KURT M.

4th International Conference on Physical Chemistry & Functional Materials (PCFM'21), Elazığ, Turkey, 08 April 2021

- XIII. **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
- XIV. **Smectic Phase Transition of Ferroelectric Liquid Crystals Under Influence Electric Field**
AVCI S., KURT M.
Turkish Physical Society 35th International Physics Congress (TPS35), Muğla, Turkey, 04 September 2019, vol.1, pp.266-273
- XV. **Smectic Phase Transition of Ferroelectric Liquid Crystals under Influence Electric Field**
KURT M., Avci S.
TURKISH PHYSICAL SOCIETY 35th INTERNATIONAL PHYSICS CONGRESS, Aydın, Turkey, 4 - 09 September 2019, vol.1, pp.266-273
- XVI. **PHASE TRANSITION MODELS OF FERROELECTRIC MOFs MATERIALS**
KURT M., KURT A.
INTERNATIONAL CONGRESS of SCIENCE CULTURE and EDUCATION (INCES 2019), Alanya, Turkey, 29 October - 02 November 2019, vol.1
- XVII. **Piezoelectric Based Acoustics Frequency Converter**
Kurt M., Çiftçi B. Ç.
TURKISH PHYSICAL SOCIETY 35th INTERNATIONAL PHYSICS CONGRESS (TPS35), Aydın, Turkey, 4 - 09 September 2019, vol.1, pp.67-73
- XVIII. **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
- XIX. **THE INVESTIGATION OF POTENTIAL MOLECULES WHICH CAN PRODUCE AUDIBLE RANGE BY PHOTOACOUSTIC EFFECT**
MUŞDAL B., KURT M.
INTERNATIONAL CONGRESS of SCIENCE CULTURE and EDUCATION, Alanya, Turkey, 29 October - 02 November 2019, vol.1, pp.179-184
- XX. **DETERMINATION OF HUMAN FOOT ACOUSTIC SIGNAL BY USING PIEZOELECTRIC SENSOR**
KURT M., ÇİFTÇİ B. Ç.
INTERNATIONAL CONGRESS of SCIENCE CULTURE and EDUCATION, Alanya, Turkey, 29 October - 02 November 2019, vol.1, pp.173-178
- XXI. **Ferroelektrik MOFs Malzemelerin Faz Geçiş Modelleri**
KURT M., KURT A.
International Congress of Science Culture and Education, Alanya, Turkey, 29 October - 02 November 2019
- XXII. **Solution of Gauss and Bessel Wave in KTP and BBO Nonlinear Crystals**
ÇELİK G., KURT M.
TURKISH PHYSICAL SOCIETY 35th INTERNATIONAL PHYSICS CONGRESS (TPS35), Bodrum, Turkey, 4 - 09 September 2019
- XXIII. **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
- XXIV. **Investigation of EM-free audible sound producing based on photoacoustic effect**
MUŞDAL B. D., KURT M.
20-th International Conference on Photoacoustic and Photothermal Phenomena, Moskva, Russia, 7 - 12 July 2019,

- XXV. **MODELING OF INTERACTION OF HIGH DENSITY LASER BEAM WITH Al AND Cu METALS**
KURT M., Demircioğlu Z.
INTERNATIONAL ACADEMIC RESEARCH CONGRESS (INES 2018), 30 October - 03 November 2018
- XXVI. **PHASE TRANSITIONS OF FERROELECTRIC LIQUID CRYSTALS UNDER ELECTRIC FIELD**
KURT M., Aksoy S.
INTERNATIONAL ACADEMIC RESEARCH CONGRESS 2018, 30 October - 03 November 2018
- XXVII. **KARAKILÇIK BUĞDAY ÇEŞİDİNDE FARKLI GAMA RADYASYON DOZLARININ M1 BİTKİLERİ GELİŞİMİ VE GAZ SALINIMLARI ÜZERİNE ETKİSİ**
AĞAÇ H., YALÇIN F. S., KURT A., KURT M.
INTERNATIONAL ACADEMIC RESEARCH CONGRESS (INES 2018), 30 October - 03 November 2018
- XXVIII. **DEVELOPMENT IN LASER COMMUNICATION SYSTEMS AND ITS CURRENT APPLICATIONS**
ÖZTÜRK S., KURT M.
III. INTERNATIONAL RATING ACADEMY CONGRESS ON APPLIED SCIENCES, 6 - 07 September 2018
- XXIX. **Calculation of the N4 (NH₄) IR Mode Frequency and the Damping Constant (FWHM) Close to the Phase Transitions in NH₄Zn(HCOO)₃ and Nd₄Zn(DCOO)₃**
KURT A., YURTSEVEN H. H., KURT M.
Turkish Physical Society 34th International Physics Congress, 5 - 09 September 2018
- XXX. **Linewidth of the IR Modes as a Function of Temperature in DMMG and DMCD**
KURT A., YURTSEVEN H. H., KURT M.
Turkish Physical Society 34th International Physics Congress, 5 - 09 September 2018
- XXXI. **Calculation of the Raman and IR Frequencies as Order Parameters and the Damping Constant (FWHM) Close to Phase Transitions in Methylhydrazinium Structures**
KURT M., YURTSEVEN H. H., KURT A.
XXXIV European Congress on Molecular Spectroscopy - EUCMOS 2018, 19 - 24 August 2018
- XXXII. **Temperature Dependence of the IR Frequencies and FWHM of the P (NH₂) Mode for DMFeCu, DMFeNi and DMFeZn Crystals**
KURT M., YURTSEVEN H. H., Aksoy S., KURT A.
4th International Conference on Engineering and Natural Sciences (ICENS 2018), 2 - 06 May 2018
- XXXIII. **Determination of Absorption Coefficient of Chlorella Vulgaris and Arthrospira Maxima in Water**
TEKİNER M., KURT M., AK İ., Kurt A.
33rd International Physics Congress of the Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 10 September 2017, vol.1935
- XXXIV. **TEMPERATURE DEPENDENCE OF THE ORDER PARAMETERS UNDER DIFFERENT ELECTRIC FIELD FOR C7 LIQUID CRYSTAL**
Aksoy S., KURT M.
TURKISH PHYSICAL SOCIETY 33RD INTERNATIONAL PHYSICS CONGRESS, Turkey, 6 - 10 September 2017
- XXXV. **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
- XXXVI. **CALCULATION OF THE TILT ANGLE AND SUSCEPTIBILITY AS FUNCTION OF TEMPERATURE AND THE ELECTRIC FIELD CLOSE TO THE SM A-SMC TRANSITION IN C7**
Aksoy S., KURT M., YURTSEVEN H. H.
TURKISH PHYSICAL SOCIETY 33RD INTERNATIONAL PHYSICS CONGRESS, Turkey, 6 - 10 September 2017
- XXXVII. **DIAGNOSIS OF SOME PARAMETERS OF LASER INDUCED BREAKDOWN**
kurt a., KURT M.
TURKISH PHYSICAL SOCIETY 33RD INTERNATIONAL PHYSICS CONGRESS, Bodrum, Turkey, 6 - 10 September 2017
- XXXVIII. **Diagnosis of Some Parameters of Laser Induced Breakdown**
KURT A., KURT M.
33rd International Physics Congress, 6 - 10 September 2017
- XXXIX. **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

- XL. **LAZER KULLANILARAK METALİK YÜZEYLERDEKİ MİKRO-KIRIKLARIN GİDERİLMESİ**
KURT M., Demirbilek A., KURT a.
ADIM FİZİK GÜNLERİ VI, Balıkesir, Turkey, 19 - 21 July 2017
- XLI. **Modeling of high power laser interaction with metals**
Mustafa K., ZAHIDE D.
Turkish Physical Society 32nd International Physics Congress, TPS 2016, Konacik-Bodrum, Turkey, 6 - 09 September 2016, vol.1815
- XLII. **Repair of Metallic Micro-Crack with Laser Diode**
Demirbilek A., KURT M.
Turkish Physical Society 32nd International Physics Congress, Aydın, Turkey, 6 - 09 September 2016, pp.90
- XLIII. **Characteristics and synthesis of fluorene copolymer thin films via plasma polymerization**
Özenir U., KURT M.
NANO TR-12, 3 - 05 June 2016
- XLIV. **Investigation of surface characteristic of any metal by using polarized laser light**
ÖZTÜRK M., KURT M.
Adım Fizik Günleri 5, Turkey, 21 - 23 April 2016
- XLV. **DETERMINATION OF VARIOUS SURFACE ROUGHNESS AND FRICTION RATES BY USING OPTICAL METHODS AND LASER LIGHT**
ÖZTÜRK M., KURT M.
9th International Physics Conference of the Balkan Physical Union, 24 - 27 August 2015
- XLVI. **OPTICAL ANTENNA DESIGN FOR ATMOSPHERIC COMMUNICATION SYSTEM**
KURT M., ÖZTÜRK s.
9th International Physics Conference of the Balkan Physical Union, 24 - 27 August 2015
- XLVII. **Analysis of the Frequency and Bandwidth as a Function of Temperature for the Phase Transitions in LiSO_4**
YURTSEVEN H. H., KURT M.
32th European Congress on Molecular Spectroscopy 2014, 24 - 29 August 2014
- XLVIII. **Design and Analysis of High Resolution Optical Camera**
KURT M., DİLAR D.
TFD 31, 21 - 24 July 2014
- XLIX. **Analysis Of The Tilt Angle For A Binary Mixture Of C7-70PDOB Liquid Crystals Close To The Smectic A-Smectic C* Transition**
AVCI S., KURT M.
Uluslararası Katılımlı XIII. Ulusal Spektroskopi Kongresi, Burdur, Turkey, 15 May 2013, pp.189
- L. **Half-Width of the Raman Stretching Modes as a Function of Pressure in Solid Nitrogen**
YURTSEVEN H. H., KURT M.
The Third Asian Spectroscopy Conference , Xiamen, China, 28 November - 01 December 2011
- LI. **Design and Production of 75 W DPSS Laser**
KURT M., BAŞARAN A.
TFD 28, 10 - 15 September 2011
- LII. **Spontaneous Polarization and the Tilt Angle as a Function of Temperature in Chiral Smectic C Phase of SCE9 and SCE10**
YURTSEVEN H. H., KURT M.
Turkish Physical Society 27th International Physics Conference, 14 - 17 October 2010
- LIII. **Temperature Dependence of the Raman Frequency Shifts and the Linewidths in the alpha-phase of Quartz**
KURT M., YURTSEVEN H. H.
Turkish Physical Society 27th International Physics Conference, 14 September - 17 October 2010

- LIV. **Analysis of the Frequency Shifts and the Linewidth as a Function of Temperature in Solid Nitrogen**
YURTSEVEN H. H., KURT M.
EUCMOS 2010, 29 August - 03 September 2010
- LV. **Calculation of the Temperature Induced Frequency Shifts of the Raman Modes as a Function of Pressure in Phase I of S Triazine**
KURT M., YURTSEVEN H. H.
International Physics Conference of the Balkan Physical Union, 24 - 27 August 2009

Supported Projects

- KURT M., TUBITAK Project, Uyarlamalı Optik Sistemler İçin Sabit Dereceli H₂Sonsuz Alt-Optimal Kontrolcü Geliştirilmesi, 2018 - Continues
- KURT M., TUBITAK Project, Lazer ve Fiberoptik Tabanlı Kataner Hattı Dezeksmen Ölçüm Cihazı, 2018 - Continues
- Çölgeçen Z., Kırca Toklucu A., Kurt M., Yavuz N., TUBITAK Project, Karbon Tabanlı Radyant Isıtıcı Kullanılarak Kurutma Fırını Tasarımı Ve Sistemin Optimizasyonu, 2023 - 2024
- KURT A., KURT M., AVCI S., Project Supported by Higher Education Institutions, Parabolik Güneş Kolektörlerinde Farklı Malzemeden Yapılan Soğurucuların Performans Analizi, 2021 - 2023
- KURT A., KURT M., AVCI S., AKSOY S., Project Supported by Higher Education Institutions, Ferroelektrik Metal Organik Çerçeve MOF Malzemelerin Faz Geçişlerinin Modellenmesi ve Karakterizasyonu, 2021 - 2023
- KAYA G., KAYA N., KURT M., KURT A., Project Supported by Higher Education Institutions, Faz temelli uzamsal ışık modülatörü kullanarak holografik Airy ışınlarının üretilmesi, 2021 - 2023
- Kurt M., Project Supported by Higher Education Institutions, Enerji Depolamada Kullanılabilecek Potansiyel Fotonik Malzemelerin İncelenmesi ve Geliştirilmesi, 2021 - 2023
- KURT M., ÇİFTÇİ B. Ç., KAYA G., Project Supported by Higher Education Institutions, PİEZOELERKTRİK TABANLI AKUSTİK FREKANS ÇÖZÜMLEYİCİ, 2019 - 2021
- Kurt M., TUBITAK Project, Güneş"Te Meydana Gelen Koronal Kütle Atımlarından Sonra Gezegenler Arası Ortamda Oluşan Şok Dalgalarının İncelenmesi, 2018 - 2021
- KURT M., YALÇIN F. S., KURT A., AĞAÇ H., Project Supported by Higher Education Institutions, Karakılıç Buğday Triticum durum L Çeşidinde Farklı Gama ve UVC Işını Dozlarının M1 Bitkilerinde Fide Gelişimi Üzerine Etkisi ve Uygun Dozun Belirlenmesi, 2018 - 2019
- KURT M., Aksoy S., Project Supported by Higher Education Institutions, FERROELEKTRİK SIVI KRİSTALLERDE ELEKTRİK ALAN ETKİSİ ALTINDA SM ASM C FAZ GEÇİŞİNİN MODELLEMESİ, 2018 - 2019
- TEKİNER M., KURT M., AK İ., Project Supported by Higher Education Institutions, UVC IŞIN TEKNOLOJİSİNİN SU YABANCI OTLARI MAKRO VE MİKRO ALGLER İLE MÜCADELEDE KULLANILABİLİRLİĞİNİN BELİRLENMESİ, 2016 - 2018
- KURT M., TUBITAK Project, OFTALMOLOJİ AMELİYAT LAZER SİSTEMLERİNİN GELİŞTİRİLMESİ, 2015 - 2018
- KURT M., Demirbilek A., Project Supported by Higher Education Institutions, Diyet Lazer Kullanarak Metalik Yüzeylerdeki Mikrokırıkların Giderilmesi, 2015 - 2017
- KURT M., Project Supported by Other Official Institutions, Tıbbi Uygulamalar İçin Diyet Lazer Cihazı Geliştirilmesi, 2014 - 2015
- KURT M., TUBITAK Project, Tıbbi Uygulamalar için 2.1 mikrometre Dalga Boyuna Sahip Lazer Sistemi Geliştirilmesi, 2013 - 2014
- KURT M., Industrial Thesis Project, Nano-Yapı Üretimine Uygun Morötesi Lazer Kaynağı Üretimi, 2011 - 2012
- KURT M., TUBITAK Project, Yüksek Çözünürlüklü Elektro-Optik Kamera Teknolojisi Geliştirilmesi Projesi, 2007 - 2011
- KURT M., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Nükleer füzyon ve endüstriyel uygulamalar için x-ışını lazeri tasarımı ve yapımı, 2004 - 2006
- KURT M., ATALAY B., TUBITAK Project, Fiber Bragg Grating Yapımı ve Uygulamaları, 2004 - 2006

Metrics

Publication: 95

Citation (WoS): 74

Citation (Scopus): 68

H-Index (WoS): 5

H-Index (Scopus): 5