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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Türkiye 1996 - 2003

Yüksek Lisans, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Türkiye 1993 - 1996

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Fizik Mühendisliği, Türkiye 1987 - 1993

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Fizik, Disiplinlerarası Fizik ve İlgili Bilim ve Teknoloji Alanları, Malzeme Bilimi, Yoğun Madde 2:Elektronik Yapı, Elektrik, Manyetik ve Optik Özellikler, Optik özellikler, Yoğun madde spektroskopisi, Temel Bilimler

Akademik Unvanlar / Görevler

Doç. Dr., Kocaeli Üniversitesi, Fen Edebiyat Fakültesi, Fizik, 1993 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Investigation of the Effects of Carbon Dioxide Laser Texturing Parameters on Roughness and Contact Angle for Dual-Phase Steel (DP 1180)**
ÜRGÜN S., CANEL T.
Journal of Materials Engineering and Performance, cilt.33, sa.14, ss.6880-6894, 2024 (SCI-Expanded)
- Improvement of reference gas calorimeter to measure the gross calorific value of the reference methane gas having high purity (99.995%) and calculation of uncertainty**
Ozcan K., CANEL T., TARCAN E.
ACCREDITATION AND QUALITY ASSURANCE, cilt.27, ss.85-91, 2022 (SCI-Expanded)
- Laser process parameter optimization of dimple created on oriented carbon fiber reinforced epoxy composites**
Canel T., Kayahan E., Fidan S., Sınmazçelik T.
JOURNAL OF COMPOSITE MATERIALS, cilt.55, sa.27, ss.4029-4043, 2021 (SCI-Expanded)

- IV. **Laser parameter optimization for surface texturing of inconel 626**Optimierung von Laserstrahlparametern zur Oberflächentexturierung von Inconel 625
FİDAN S., CANEL T., SINMAZÇELİK T.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, cilt.52, sa.3, ss.289-307, 2021 (SCI-Expanded)
- V. **Mathematical modeling of heat distribution on carbon fiber Poly(ether-ether-ketone) (PEEK) composite during laser ablation**
CANEL T., BAĞLAN İ., SINMAZÇELİK T.
Optics and Laser Technology, cilt.127, 2020 (SCI-Expanded)
- VI. **Laser parameters optimization of surface treating of Al 6082-T6 with Taguchi method**
CANEL T., ZEREN M., SINMAZÇELİK T.
OPTICS AND LASER TECHNOLOGY, cilt.120, 2019 (SCI-Expanded)
- VII. **Influence of laser parameters in surface texturing of polyphenylene sulfide composites**
CANEL T., KAYAHAN E., CANDAN L., FİDAN S., SINMAZÇELİK T.
Journal of Applied Polymer Science, cilt.136, sa.38, 2019 (SCI-Expanded)
- VIII. **Mathematical modelling of laser ablation of random oriented short glass fiber reinforced Polyphenylene sulphide (PPS) polymer composite**
CANEL T., BAĞLAN İ., SINMAZÇELİK T.
OPTICS AND LASER TECHNOLOGY, cilt.115, ss.481-486, 2019 (SCI-Expanded)
- IX. **Optimization of parameters for depth resolution of galvanized steel by LIBS technique**
CANEL T., DEMİR P., KAÇAR E., OZTOPRAK B., AKMAN E., GUNES M., DEMİR A.
OPTICS AND LASER TECHNOLOGY, cilt.54, ss.257-264, 2013 (SCI-Expanded)
- X. **Age, composition and paleoenvironmental significance of a Late Pleistocene eolianite from the western Black Sea coast of Turkey**
Erginal A. E., Kiyak N. G., Ekinci Y. L., DEMİRCİ A., Ertek A., CANEL T.
QUATERNARY INTERNATIONAL, cilt.296, ss.168-175, 2013 (SCI-Expanded)
- XI. **Parameter optimization of nanosecond laser for microdrilling on PVC by Taguchi method**
CANEL T., KAYA A. U., CELİK B.
OPTICS AND LASER TECHNOLOGY, cilt.44, sa.8, ss.2347-2353, 2012 (SCI-Expanded)
- XII. **Laser welding of Ti6Al4V titanium alloys**
AKMAN E., DEMİR A., CANEL T., SINMAZÇELİK T.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, cilt.209, sa.8, ss.3705-3713, 2009 (SCI-Expanded)
- XIII. **Characterization of the drilling alumina ceramic using Nd:YAG pulsed laser**
KAÇAR E., MUTLU M., AKMAN E., DEMİR A., CANDAN L., CANEL T., GUNAY V., SINMAZÇELİK T.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, cilt.209, sa.4, ss.2008-2014, 2009 (SCI-Expanded)
- XIV. **Optimization of Nd:YAG Laser Welding of Magnesium**
DEMİR A., AKMAN E., CANEL T., Ertuerk S., KAYA A. A., Kenar N., SINMAZÇELİK T., URHAN O.
JOURNAL OF LASER MICRO NANOENGINEERING, cilt.2, sa.1, ss.108-113, 2007 (SCI-Expanded)
- XV. **Equivalent dose in quartz from young samples using the SAR protocol and the effect of preheat temperature**
KIYAK N. G., Canel T.
RADIATION MEASUREMENTS, cilt.41, ss.917-922, 2006 (SCI-Expanded)
- XVI. **Investigation of effects of double pulse configuration on efficiency of Ni-like and Co-like X-ray resonance lines emitted from laser produced silver plasmas**
Canel T., DEMİR A., Kenar N.
CZECHOSLOVAK JOURNAL OF PHYSICS, cilt.56, 2006 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **The Effect of Laser Power and Laser Exposure Time for Cavity Created on Al₂O₃ Ceramic Surface**
Pilavcı Ç., Tabak Y., Ürgün S., Canel T.

Kocaeli Journal of Science and Engineering, cilt.7, sa.1, ss.81-88, 2024 (Hakemli Dergi)

- II. **Optimization of laser-texturing process parameters of Ti6Al4V alloys using metaheuristic algorithms**
Ürgün S., Yiğit H., Fidan S., Sinmazçelik T., Canel T.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS, PART E: JOURNAL OF PROCESS MECHANICAL ENGINEERING, cilt.238, sa.2, ss.1-10, 2024 (Scopus)
- III. **Determination of the CO₂ Laser Parameters on Dimple Geometry on Al₂O₃ Ceramic Surface**
Pilavcı Ç., TABAK Y., ÜRGÜN S., CANEL T.
Izmir Democracy University, 2023 (Hakemli Dergi)
- IV. **Using CO₂ Laser, Optimization of Laser Power, Exposure Time and Frequency for Cavity Formation on Hardox Steel Plate**
CANEL T., ÜRGÜN S.
Izmir Democracy University, 2023 (Hakemli Dergi)
- V. **Investigation of the Effects of the Different Laser Powers on the Steel Surface**
Canel T.
Kafkas Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.16, sa.1, ss.1-5, 2023 (Hakemli Dergi)
- VI. **Experimental Investigation and Mathematical Modeling of Heat Distribution on a Laser-Treated PMMA Surface**
Bağlan İ., Canel T., Bayrak M. A.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, cilt.11, ss.34-45, 2023 (Hakemli Dergi)
- VII. **Optimization with Taguchi Method of Laser Parameters Necessary for Smooth Groove Bottom in ZAMAK 5**
Canel T., Bağlan İ.
Kafkas Üniversitesi Fen Bilimleri Enstitüsü Dergisi / Institute of Natural and Applied Science Journal, cilt.15, sa.2, ss.60-64, 2023 (Hakemli Dergi)
- VIII. **Analysis of Inverse Euler-Bernoulli Equation with periodic boundary conditions**
BAĞLAN İ., CANEL T.
Turkish Journal of Science, cilt.7, sa.3, ss.146-156, 2022 (Hakemli Dergi)
- IX. **Mathematical Modeling of the Shape of Cavity Created with Laser Using Melting, Boiling Temperature.**
CANEL T., BAĞLAN İ.
Turkish Journal of Science, cilt.6, sa.3, ss.162-166, 2021 (Hakemli Dergi)
- X. **Continuous Dependence on Data for a Solution of Higher Order Quasi-Linear Parabolic Equation Using Fourier Method**
BAĞLAN İ., CANEL T.
Eastern Anatolian Journal, cilt.7, sa.2, ss.35-41, 2021 (Hakemli Dergi)
- XI. **Fourier Method for Higher Order Quasi-Linear Parabolic Equation Subject with Periodic Boundary Conditions**
BAĞLAN İ., CANEL T.
Turkish Journal of Science, cilt.6, sa.2, ss.110-121, 2021 (Hakemli Dergi)
- XII. **Mathematical Modeling of the Effect of CO₂ Laser Power on Texture Size on Polyoxmethylen (POM) Sheet**
Canel T., Bağlan İ.
Turkish Journal of Science, cilt.5, sa.3, ss.252-256, 2020 (Hakemli Dergi)
- XIII. **Mathematical Modeling of the Effect of CO₂ Laser Power on Texture Size on Polyoxmethylen (POM) Sheet**
CANEL T., BAĞLAN İ.
TURKISH JOURNAL OF SCIENCE, cilt.5, sa.3, ss.252-256, 2020 (Hakemli Dergi)
- XIV. **An inverse coefficient problem for quasilinear pseudo-parabolic of heat conduction of Poly(methyl methacrylate) (PMMA)**
Bağlan İ., Canel T.
Turkish Journal of Science, cilt.5, sa.3, ss.199-207, 2020 (Hakemli Dergi)

- XV. **Mathematical Modeling of the Effect of CO2 Laser Parameter on Shape and Geometry of Polymer Plate**
Canel T., Bađlan İ.
Turkish Journal of Science, cilt.5, sa.3, ss.257-261, 2020 (Hakemli Dergi)
- XVI. **Continuous Dependence on Data for a Solution of determination of an unknown source of Heat Conduction of Poly(methyl methacrylate) (PMMA)**
Bađlan İ., Canel T.
Turkish Journal of Science, cilt.5, sa.3, ss.214-219, 2020 (Hakemli Dergi)
- XVII. **MATHEMATICAL MODELLING OF ONE DIMENSIONAL TEMPERATURE DISTRIBUTION AS A FUNCTION OF LASER INTENSITY ON CARBON FIBER REINFORCED POLY(ETHER-ETHER-KETONE)-(PEEK) COMPOSITE**
Canel T., Bađlan İ.
TWMS J. App. and Eng. Math., cilt.127, sa.10, ss.769-777, 2020 (ESCI)
- XVIII. **MATHEMATICAL MODELING OF THE DEPENDENCE OF HEAT DISTRIBUTION ON DIRECTION IN SURFACE TEXTURING OF CONTINUOUS CARBON FIBRE REINFORCED EPOXY COMPOSITES BY ND.YAG LASER**
CANEL T., BAĐLAN İ.
TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, cilt.9, sa.1, ss.49-57, 2019 (ESCI)
- XIX. **Akdađ Kütlesinde Pleistosen buzullařmalarının jeomorfolojik özellikleri ve optik uyarmalı lüminesans (OSL) ile yařlandırılması**
BAYRAKDAR C., GÜNEÇ KIYAK N., TUROĐLU H., ÖZTÜRK T., CANEL T.
TÜRK COĐRAFYA DERĐİSİ, sa.69, ss.27-37, 2017 (Hakemli Dergi)
- XX. **Akdađ Kütlesi'nde (Batı Toroslar) Pleistosen buzullařmalarının jeomorfolojik özellikleri ve optik uyarmalı lüminesans (OSL) ile yařlandırılması**
Bayrakdar C., CANEL T., Kiyak N. G., Turođlu H., Öztürk T.
TÜRK COĐRAFYA DERĐİSİ, cilt.69, ss.27-37, 2017 (Hakemli Dergi)
- XXI. **INVESTIGATION OF EFFECT OF DIFFERENT ANODISATION CURRENT ON POROUS SILICON BY STM**
CANEL T., Bektöre Y.
SAÜ Fen Edebiyat Dergisi, cilt.2, ss.83-92, 2008 (Hakemli Dergi)
- XXII. **Optimizatin Of Pulsed Nd YAG Laser ParametersFor TitaniumSeam Welding**
AKMAN E., CANEL T., DEMİR A., SINMAZÇELİK T.
American Institute of Physics, ss.303-304, 2007 (Hakemli Dergi)
- XXIII. **Progresses on the Theoretical and Experimental Studies in Laser Technologies Research and Application Center In Kocaeli**
AKMAN E., ATALAY B., CANDAN L., CANEL T., DEMİR A., DEMİR P., ERTÜRK S., GENÇ ÖZTOPRAK B., KAÇAR E., KENAR N., et al.
American Institute of Physics, cilt.899, ss.331-332, 2007 (Hakemli Dergi)
- XXIV. **A METHOD OF PRECISE CALIBRATION FOR PIEZOELECTRICAL ACTUATORS**
CANEL T., Bektöre Y.
Uludađ University Journal of The Faculty of Engineering, cilt.9, sa.1, ss.147-152, 2004 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Investigation of the Effect of Laser Parameters on Grooves Created on S420MC Stainless Steel**
Canel T., Gezer Z.
6th INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Antalya, Türkiye, 2 - 05 Kasım 2023, cilt.1, sa.1, ss.73
- II. **Parameters Optimization for Grooves on Al2O3 Ceramic Surface Using CO2 Laser**
Piavcı Ç., Tabak Y., Ürgün S., Canel T.
6th INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Antalya, Türkiye, 2 Kasım - 05 Aralık

2023, cilt.1, sa.1, ss.69

- III. **Optimization of Depth and Width Size of Dimple's Heat Affected Zone Created by CO2 Laser on Polyamide Plate**
Canel T., Bađlan İ., Ürgün S.
6th INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Antalya, Türkiye, 2 Kasım - 05 Aralık 2023, cilt.1, sa.1, ss.11
- IV. **Investigation of an inverse coefficient problem for semi-linear parabolic heat conduction**
Bađlan İ., Canel T.
ICOLES,2023, Antalya, Türkiye, 2 - 04 Kasım 2023, ss.15
- V. **Mathematical Modelling of Boundary of Dimple Created on ZAMAK 5 plate with Nd:YAG Laser**
CANEL T., BAĐLAN İ.
icoles,2022, Antalya, Türkiye, 19 Mayıs 2022
- VI. **Investigation of the Effects of CO2 Laser Parameters on the Geometry of the Grooves Formed on the Transparent Polycarbonate (PC) Surface**
CANEL T., BAĐLAN İ.
icoles,2022, Antalya, Türkiye, 19 Mayıs 2022
- VII. **Solution of Higher Order Quasi-Linear Parabolic Equation Subject to Periodic Boundary Using Fourier Method**
Bađlan İ., Canel T.
Icoles 2022, Antalya, Türkiye, 19 - 22 Mayıs 2022, ss.220-228
- VIII. **Optimization of Laser Machining Parameters with Taguchi L9 Orthogonal Array**
CANEL T., BAĐLAN İ.
icoles,2022, Antalya, Türkiye, 19 Mayıs 2022
- IX. **Solution of Two Dimension Quasi-Linear Parabolic Equation with Inverse Coefficient**
BAĐLAN İ., CANEL T.
icoles,2022, Antalya, Türkiye, 19 Mayıs 2022
- X. **Solution of Higher Order Quasi-Linear Parabolic Equation Subject to Periodic Boundary Conditions Using Fourier Method**
BAĐLAN İ., CANEL T.
icmrs,2021, Türkiye, 22 Ekim 2021
- XI. **Mathematical Modeling of the Width of Grooves Created with Laser Beam on Dual-Phase Steel Surface**
BAĐLAN İ., CANEL T.
icmrs,2021, Türkiye, 22 Ekim 2021
- XII. **Fourier Methods for Determination of An Unknown Heat Source Poly(Methyl Methacrylate) (PMMA) with Periodic Boundary Conditions**
BAĐLAN İ., CANEL T.
3rd INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES:CURRENT TRENDS AND DEVELOPMENTSICMRS 2020, ONLINE MEETING, Türkiye, 20 - 22 Kasım 2020
- XIII. **Mathematical Modeling of the Effect of Laser Scan Speed on Size of Texture Created on Polyvinyl Chloride (PVC) Plate**
Bađlan İ., Canel T.
ICMRS 2020 , Ordu, Türkiye, 20 - 22 Kasım 2020, ss.5-20
- XIV. **Fourier methods for determination of an unknown heat source of Poly(methyl methacrylate) (PMMA) with periodic boundary conditions**
Bađlan İ., Canel T.
ICMRS 2020, Ordu, Türkiye, 20 - 22 Kasım 2020, ss.12-22
- XV. **Investigation of the Effect of Laser Scan Speed on Geometry of Grooves on Polyoxymethylene (POM) Sheet**
Bađlan İ., Canel T.
ICOLES, İstanbul, Türkiye, 11 - 13 Aralık 2020, ss.17-18

- XVI. **An inverse coefficient problem for quasilinear pseudo-parabolic of heat conduction of Poly(methyl methacrylate) (PMMA)**
Bağlan İ., Canel T.
ICOLES, İstanbul, Türkiye, 11 - 13 Aralık 2020, ss.70-71
- XVII. **TWO-DIMENSIONAL INVERSE PROBLEM FOR HEAT DISTRIBUTION WITH PERIODIC BOUNDARY CONDITION**
Bağlan İ., Canel T.
2ND INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES, Antalya, Türkiye, 27 - 30 Nisan 2019, cilt.1, sa.1, ss.84-92
- XVIII. **Directional Dependence of Cavity Geometry on Laser Pulse Duration in Composites**
Canel T., Bağlan İ.
2nd INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, İstanbul, Türkiye, 27 - 29 Haziran 2019, cilt.1, sa.1, ss.277-283
- XIX. **Analysis for the Inverse Coefficient of the Pseudo-Parabolic Equation with non-Local Boundary Condition**
BAĞLAN İ., CANEL T.
ICOLES 2019INTERNATIONAL CONFERENCEON LIFE AND ENGINEERING SCIENCES, İstanbul, Türkiye, 27 - 29 Haziran 2019, cilt.1, sa.1, ss.155-163
- XX. **Continuous Dependence on Data for a Solution of Heat Conduction of Polymeric Materials for Pseudo-Parabolic Equation**
Bağlan İ., Canel T.
2nd INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, İstanbul, Türkiye, 27 - 29 Haziran 2019, cilt.1, sa.1, ss.165-171
- XXI. **Investigation of Directional Dependence of Heat Affected Zone Limits on Laser Pulse Energy**
Canel T., Bağlan İ.
2nd INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIEN, İstanbul, Türkiye, 27 - 29 Haziran 2019, cilt.1, sa.1, ss.285-291
- XXII. **Continuous Dependence on Data for a Solution of Heat Conduction of Polymeric Materials**
Bağlan İ., Canel T.
2ND INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES, Antalya, Türkiye, 27 - 30 Nisan 2019, cilt.1, sa.1, ss.138-145
- XXIII. **Mathematical Modelling of the Effect of Laser Pulse Duration on Heat Affected Zone in Fiber Reinforced Polyphenylene Sulphide (PPS)**
Canel T., Bağlan İ.
2ND INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES, Antalya, Türkiye, 27 - 30 Nisan 2019, ss.146-151
- XXIV. **Investigation the Effect of Laser Energy on Heat Affected Zone (HAZ) in Fiber Reinforced Polyphenylene Sulphide (PPS) and Mathematical Simulation of HAZ Formation**
CANEL T., BAĞLAN İ.
2 ND INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES, Antalya, Türkiye, 27 - 30 Nisan 2019, cilt.1, sa.1, ss.119-124
- XXV. **An inverse coefficient problem for quasilinear pseudo-parabolic heat conduction of polymeric materials**
Bağlan İ., Canel T.
International Conference on Mathematics and Mathematics Education, Konya, Türkiye, 11 - 13 Temmuz 2019, cilt.1, sa.1, ss.208-209
- XXVI. **Modeling of temperature distribution as a function of laser energy: Parallel to the fiber axis on poly(ether-ether-ketone) composites**
Canel T., Bağlan İ.
International Conference on Mathematics and Mathematics Education (ICMME 2019), Konya, Türkiye, 11 - 13 Temmuz 2019, cilt.1, sa.1, ss.210-211

- XXVII. **980 MPA DUAL FAZ ÇELİĞE PROJeksiYON KAYNAĞI İLE CIVATA KAYNATILMASI VE TAGUCHİ YÖNTEMİNİ KULLANARAK PARAMETRE OPTİMİZASYONU SAĞLANMASI**
Sınmazçelik T., Canel T.
4. ULUSLARARASI MÜHENDİSLİK, MIMARLIK VE TASARIM KONGRESİ, İstanbul, Türkiye, 23 - 24 Nisan 2019, cilt.1, sa.1, ss.1115-1124
- XXVIII. **ND:YAG LASER DRILLING OF CONTINUOUS CARBON FIBRE REINFORCED EPOXY COMPOSITES**
CANEL T., ÇETİN B., FİDAN S., SINMAZÇELİK T.
1st International Conference on Life and Engineering Sciences ICOLES 2018, Girne, Kıbrıs (Kktc), 2 - 06 Eylül 2018, ss.76-93
- XXIX. **Mathematical Modeling of Ablation of Carbon Fiber Reinforced Plastics by Lase**
BAĞLAN İ., CANEL T.
International Conference on Mathematics and Mathematics Education, Ordu, Türkiye, 26 - 29 Haziran 2018
- XXX. **Mathematical Modeling of Ablation of Carbon Fiber Reinforced Plastics by Laser**
CANEL T., BAĞLAN İ.
ICMME-2018 International Conference on Mathematics and Mathematics Education, Ordu, Türkiye, 27 Haziran 2018, ss.614
- XXXI. **Investigation of the UV-VIS Spectra of UV-Irradiated CDI2 Particles**
CANEL T., Gezer Z., KAYA A. U., GÜNER S.
Turkish Physical Society 33rd International Physics Congress, Muğla, Türkiye, 6 - 10 Eylül 2017, ss.623
- XXXII. **Investigations Of Thermo-Optical Properties Of Nickel Coated On Glass Based Material Selective Sufraces**
Bektöre Y., CANEL T., ERTÜRK K.
First Hellenic-Turkish International Physics Conference, Muğla, Türkiye, 6 - 09 Eylül 2001, ss.80
- XXXIII. **Application of LIBS on Automotive Coatings**
Canel T., Genç Öztoprak B., Akman E., Güneş M., Demir A.
6th Euro Mediterranean Symposium on Laser Induced Breakdown Spectroscopy, İzmir, Türkiye, 11 Eylül 2011, ss.157
- XXXIV. **The Effects Of Nanosecond Pulsed Laser Parameters On The Cavity Which Was Formed On Polymer**
Çelik B., CANEL T., KAYA A. U.
Turkish Physical Society 28th International Physics Congress, Muğla, Türkiye, 02 Eylül 2011, ss.553
- XXXV. **Optical luminescence dating of eolianite, west Black Sea coast of Turkey**
Kiyak N. G., Erginal A. E., Ertek A., CANEL T.
13th International Conference on Luminescence and Electron Spin Resonance Dating, Torun, Polonya, 17 Temmuz 2011, ss.108
- XXXVI. **Firing temperature of pottery collected from the area of ancient Mesopotamia, Turkey, using luminescence techniques**
Polymeris G., CANEL T., Kiyak N. G., Öztürk Gökçöl T.
38th International Symposium on Archaeometry, Tampa Florida, Amerika Birleşik Devletleri, 10 Mayıs 2010, ss.53
- XXXVII. **Optically Stimulated Luminescence to Date Coastal Eolianite on the Sile coast, West Black Sea coast of Turkey**
Kiyak N. G., Erginal A. E., Ertek A., CANEL T.
Second Asia Pacific Conference on Luminescence and Electron Spin Resonance Dating, İslamabad, Hindistan, 12 Kasım 2009, ss.48
- XXXVIII. **Lazer Teknolojileri Araştırma ve Uygulama Merkezinde Gerçekleştirilen Nanosaniye Milisaniye ve Femtosaniye Nd YAG Lazerler ile Malzeme İşleme Çalışmaları**
AKMAN E., CANDAN L., MESURE M., BABUR S., GENÇ ÖZTOPRAK B., AKKAN Ç. K., SİPAHIOĞLU S., DEMİR A., DEMİR KUZU P., CANEL T., et al.
10. Ulusal Optik, Elektro-Optik ve Fotonik Toplantısı, Kocaeli Üniversitesi, Kocaeli, Türkiye, 17 Ekim 2008
- XXXIX. **The effect of the laser wavelength on PC drilled by using Nd YAG Laser**
CANDAN L., CANEL T., AKMAN E., DEMİR A., KAÇAR E.
Türk Fizik Derneği 25. Uluslararası Fizik Kongresi, Muğla, Türkiye, 25 - 29 Ağustos 2008

- XL. The effect of the vacuum with different pressure on laser drilled PC**
AKMAN E., CANDAN L., CANEL T., DEMİR A., KAÇAR E.
9th International Symposium on Laser Precision Microfabrication, 16 - 20 Haziran 2008
- XLI. Progresses on the theoretical and experimental studies in Laser Technologies Research and Application Center in Kocaeli**
AKMAN E., ATALAY B., CANDAN L., CANEL T., DEMİR A., DEMİR P., ERTÜRK S., Genc B., KAÇAR E., Kenar N., et al.
6th International Conference of the Balkan-Physical-Union, İstanbul, Türkiye, 22 - 26 Ağustos 2006, cilt.899, ss.331-332
- XLII. Optimizatin of pulsed Nd : YAG laser parameters for titanium seam-welding**
AKMAN E., CANEL T., DEMİR A., SINMAZÇELİK T.
6th International Conference of the Balkan-Physical-Union, İstanbul, Türkiye, 22 - 26 Ağustos 2006, cilt.899, ss.303-304
- XLIII. Investigation Of Electrical Properties Of Titanium Coated Copper Surfaces Using ARC-PVD**
TARCAN E., CANEL T.
TFD 23 International Physics Congress, Muğla, Türkiye, 7 - 10 Eylül 2005
- XLIV. Investigation Of Electrical Properties Of Titanium Coated Copper Surfaces Using ARC-PVD**
TARCAN E., CANEL T.
TFD 23 International Physics Congress, Muğla, Türkiye, 02 Eylül 2005, ss.448
- XLV. Dating of heated quartz samples using the generalized single aliquot regenerative dose protocol**
Canel T., Kiyak N. G., Dinçer B.
11 th International Conference and Electron Spin Resonance Dating, Cologne, Almanya, 17 - 19 Temmuz 2005, ss.36
- XLVI. Optically Stimulated Luminescence Dating Using Heated Quartz From Archeological Sites**
Kiyak N. G., Canel T.
35 th International Symposium on Archeometry, Beijing, Çin, 11 - 13 Mayıs 2005, ss.49
- XLVII. Optically Stimulated Luminescence (OSL) Age Determination Using Quartz From Şile**
Kiyak N. G., Canel T.
Int. Symp. on the Geody. of East. Med. Active Tect. of the Aegean Reg. İstanbul, Türkiye, 7 - 09 Haziran 2005, ss.149
- XLVIII. Application of Thermoluminescence Techniques on Dating of Archeological Materials**
Kiyak N. G., Dinçer B., CANEL T.
35 th International Symposium on Archeometry, Beijing, Çin, 11 Mayıs 2005, ss.50
- XLIX. Investigations Of Thermo-Optical Properties Of Nickel Coated On Copper-Oxide Selective Sufraces**
Bektöre Y., CANEL T., TARCAN E.
First Hellenic-Turkish International Physics Conference, Muğla, Türkiye, 11 Eylül 2001, ss.227
- L. Investigations Of Thermo-Optical Properties Of Nickel Coated On Glass Based Material Selective Sufraces**
CANEL T., Bektöre Y., Ertürk K.
First Hellenic-Turkish International Physics Conference, Muğla, Türkiye, 04 Eylül 2001, ss.80
- LI. Kimyasal Metotla Elde Edilmiş CuO Seçici Yüzeyin Thermo-Optik Özelliklerinin İncelenmesi**
Bektöre Y., TARCAN E., CANEL T.
TFD 17 Türk Fizik Derneği 17. Fizik Kongresi, Antalya, Türkiye, 27 - 31 Ekim 1998, ss.467
- LII. Sloxene Yapıların ve Gözenekli Silisyumun İnfrared Spektrumlarının İncelenmesi**
YÜKSEL B., KAYAHAN E., CANEL T., ÖZKAZANÇ E., KAYA A. U.
TFD Ulusal Fizik Kmgresi 17, Türkiye, 27 - 31 Ekim 1998
- LIII. Investigation of Thermo-Optical Properties of PMMA Spin on Coated Selective and Protective Surface**
Bektöre Y., CANEL T., TARCAN E.
International Wokshop on Solid State and Plasma Physics, Kocaeli, Türkiye, 19 Mayıs 1998, ss.187-188
- LIV. Scanning Tunneling Microscope**
Bektöre Y., CANEL T., Ellialtıoğlu R.
International Wokshop on Solid State and Plasma Physics, Kocaeli, Türkiye, 19 Mayıs 1998, ss.182-186
- LV. Heat Effect of Exposed MOS Structure**

CANEL T., Bektöre Y., KAYA A. U.

3. General Conference of The Balkan Physics Union, Cluj-Napoca, Romanya, 8 - 12 Eylül 1997, ss.2429-2432

LVI. Heat Effect of Exposed MOS Structure

CANEL T., Bektöre Y., Doğan N., KAYA A. U.

3. General Conference of The Balkan Physics Union, Cluj-Napoca, Romanya, 08 Eylül 1997, ss.2429-2432

LVII. MOS Yapılarda Gama Radyasyonunun Etkileri

CANEL T., Bektöre Y., TARCAN E., VAROL H. S.

TFD-16 Türk Fizik Derneği 16. Fizik Kongresi, 19 - 23 Ağustos 1996, ss.9

Desteklenen Projeler

CANEL T., Yükseköğretim Kurumları Destekli Proje, PPSin Yüzey Tekstüre İşleminde Lazer Atım Süresinin ve Atım Enerjisinin Yüzey Kalitesi Üzerine Etkisinin İncelenmesi, 2019 - 2021

Bayer Altın T. V., Canel T., TÜBİTAK Projesi, Bor Ovası'nda (Niğde) Pleistosen'xxden Holosen'xe Kadar Meydana Gelen İklimsel Değişiklikler, 2018 - 2020

CANEL T., GEZER Z., Yükseköğretim Kurumları Destekli Proje, POLİMER NANOKOMPOZİT FİLMLEİN OPTİK VE DİELEKTRİK ÖZELLİKLERİNİN KOŞULLARA BAĞLI OLARAK İNCELENMESİ, 2018 - 2019

CANEL T., Yükseköğretim Kurumları Destekli Proje, CD TUZU İÇEREN POLİMER MALZEMELERE UYGULANAN FARKLI DALGA., 2014 - 2015

Canel T., TÜBİTAK Projesi, Libs Tekniğini Uv Vis Spektrometre İle Geliştirerek Otomotiv Sektöründe Kullanılan Galvaniz Kaplı Saç Levhaların Boya Öncesi Ve Sonrası Kaplama Kalınlığının Ölçülmesi Ve Yüksek Çözünürlüklü Nitel Ve Nicel Analizi, 2008 - 2010

Canel T., Kaçar E., Candan L., Genç Öztoprak B., Akman E., Yükseköğretim Kurumları Destekli Proje, Uzun Milisaniye Ve Kısa Atımlı Nanosaniye Lazerler Kullanarak Polimer Ve Takviyeli Kompozit Polimerler Üzerinde Açılan Mikro Ölçekli Deliklerin Optimum Parametrelerinin Belirlenmesi, 2008 - 2009

Bilimsel Hakemlikler

OPTICS AND LASER TECHNOLOGY, SCI Kapsamındaki Dergi, Ocak 2020

ADVANCES IN MANUFACTURING, SCI Kapsamındaki Dergi, Aralık 2019

Turkish Journal of Physics, ESCI Kapsamındaki Dergi, Temmuz 2019

Surface and Coatings Technology, SCI Kapsamındaki Dergi, Temmuz 2016

Journal of King Saud University, SCI Kapsamındaki Dergi, Nisan 2016

Advances in Manufacturing, SCI Kapsamındaki Dergi, Mart 2014

Optics & Laser Technology, SCI Kapsamındaki Dergi, Eylül 2012

Journal of Materials Processing Technology, SCI Kapsamındaki Dergi, Nisan 2008

Etkinlik Organizasyonlarındaki Görevler

Güven E., CANEL T., 6. International Conference on Life and Engineering Sciences, Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Kasım 2023

Canel T., BAĞLAN İ., 4TH INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, İstanbul, Türkiye, Eylül 2021

Canel T., ICOLES 2021 4TH INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, İstanbul, Türkiye, Eylül 2021

Canel T., 3RD INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, İstanbul, Türkiye, Aralık 2020

Canel T., 3rd INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, 7STANBUL, TURKEY ICOLES 2020,

Bilimsel Kongre / Sempozyum Organizasyonu, Türkiye, Aralık 2020

Canel T., BAĞLAN İ., ICOLES 2019 INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, İstanbul, Türkiye, Aralık 2019

Canel T., BAĞLAN İ., ICOLES 2018 INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Bilimsel Kongre / Sempozyum Organizasyonu, İstanbul, Türkiye, Eylül 2018

Metrikler

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