

Prof. CENGİZ BEŞİKÇİ

Personal Information

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Education Information

Doctorate, Northwestern University, Elektrik Muh., United States Of America 1990 - 1994

Post Graduate, Illinois Institute Of Technology, Elektrik Müh., United States Of America 1989 - 1990

Under Graduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1982 - 1987

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Advanced Modeling Concepts and Material Considerations for III-V Heterostructure Electron Devices on GaAs Substrates, Northwestern University, Elektrik Muh., 1994

Post Graduate, The transient behavior of excess carriers in single valley semiconductors under different levels of injection, Illinois Institute Of Technology, Elektrik Müh., 1990

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 2004 - Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1999 - 2004

Assistant Professor, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1994 - 1998

Professional Experience

Deputy Head of Department, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1996 - 1997

Courses

SEMICONDUCTOR DEVICES& MODELING, Under Graduate, 2018 - 2019

Solid State Devices, Under Graduate, 2018 - 2019

INFRARED DEVICES AND SYSTEMS, Post Graduate, 2018 - 2019

Advising Theses

Beşikci C., Development of High Performance Long Wavelength Infrared HgCdTe Focal Plane Arrays, Post Graduate, B.BARUTCU(Student), 2019

BEŞİKÇİ C., Molecular beam epitaxial growth and characterization of extended short wavelength infrared mercury cadmium telluride detectors, Post Graduate, E.ŞAŞMAZ(Student), 2017

BEŞİKÇİ C., High performance short wavelength infrared focal plane arrays, Post Graduate, K.ÇIRÇIR(Student), 2017

BEŞİKÇİ C., IDENTIFICATION AND CHARACTERIZATION OF TRAPS IN InGaAs SHORT WAVELENGTH INFRARED PHOTODETECTORS BY DEEP LEVEL TRANSIENT SPECTROSCOPY, Post Graduate, N.AVISHAN(Student), 2016

BEŞİKÇİ C., High performance focal plane array technologies from short to long wavelength infrared bands, Doctorate, Y.ARSLAN(Student), 2014

PARLAK M., BEŞİKÇİ C., Molecular beam epitaxy growth of InP/InGaAs structures for short wavelength infrared photodetectors, Post Graduate, O.TEMEL(Student), 2014

TURAN R., BEŞİKÇİ C., Bulk growth and characterization of cadmium zinc telluride crystals for mercury cadmium telluride infrared detector applications, Post Graduate, H.YASİN(Student), 2012

PARLAK M., BEŞİKÇİ C., Fabrication and characterization of InP based quantum well infrared photodetectors, Post Graduate, G.TORUNOĞLU(Student), 2012

BEŞİKÇİ C., Numerical modeling and optimization of HgCdTe infrared photodetectors for thermal imaging, Doctorate, H.KOÇER(Student), 2011

PARLAK M., BEŞİKÇİ C., Molecular beam epitaxy growth and characterization of mercury cadmium telluride epilayers for infrared detector applications, Post Graduate, A.TOLUNGÜÇ(Student), 2011

BEŞİKÇİ C., Single and dual band quantum well infrared photodetector focal plane arrays on InP substrates, Doctorate, S.UMUT(Student), 2010

BEŞİKÇİ C., Large format dual-band quantum well infrared photodetector focal plane arrays, Post Graduate, Y.ARSLAN(Student), 2009

BEŞİKÇİ C., Dual and single color mid-wavelength infrared quantum well photodetectors, Post Graduate, M.KALDIRIM(Student), 2008

BEŞİKÇİ C., Ensemble Monte Carlo simulation of quantum well infrared photodetectors, and InP based long wavelength quantum well infrared photodetectors for thermal imaging, Doctorate, O.ORKUN(Student), 2006

BEŞİKÇİ C., Long wavelength infrared mercury cadmium telluride photodiodes and focal plane arrays, Post Graduate, B.AŞICI(Student), 2005

BEŞİKÇİ C., InSb and InAsSb infrared photodiodes on alternative substrates and InP/InGaAs quantum well infrared photodetectors: Pixel and focal plane array performance, Doctorate, S.ÖZER(Student), 2005

BEŞİKÇİ C., Long wavelength mercury cadmium telluride photodiodes and focal plane arrays, Post Graduate, B.Aşıcı(Student), 2005

BEŞİKÇİ C., Dark current mechanisms and passivation of InAsSb infrared photodiodes on alternative substrates, Post Graduate, Ö.ERSAGUN(Student), 2005

BEŞİKÇİ C., A digital signal processor based development platform for thermal imagers, Post Graduate, M.ÖZKAN(Student), 2003

BEŞİKÇİ C., TUNCER T. E. , A Digital signal processor based development platform for thermal imagers, Post Graduate, M.Özkan(Student), 2003

BEŞİKÇİ C., Design of a video processing and system control board for a compact thermal imager., Post Graduate, S.DİNMEZ(Student), 2002

BEŞİKÇİ C., Design of a front-end electronics and user interface board for a compact thermal imager., Post Graduate,

F.İŞİK(Student), 2002

BEŞİKCİ C., A Detailed investigation of bound to quasibound quantum well infrared photodetectors: An advanced Monte Carlo study, Post Graduate, E.ÖNCÜ(Student), 2001

BEŞİKCİ C., Design and implementation of front-end electronics for an infrared imaging system, Post Graduate, A.Yeler(Student), 2001

BEŞİKCİ C., Design and implementation of front-end electronics for an infrared imaging system, Post Graduate, A.YELER(Student), 2001

BEŞİKCİ C., Fabrication and characterization of Ga_{0.51}In_{0.49}P/In_xGa_{1-x}As/GaAs modulation doped field effect transistors, Post Graduate, T.Yalçın(Student), 2000

BEŞİKCİ C., Fabrication and characterization of GaInP/InGaAs/GaAs modulation doped field effect transistors, Post Graduate, T.YALÇIN(Student), 2000

BEŞİKCİ C., Performance assessment of pseudomorphic modfets through monte carlo simulations, Post Graduate, S.Özer(Student), 2000

BEŞİKCİ C., Performance assesment of pseudomorphicMODFETs through Monte Carlo simulations, Post Graduate, S.ÖZER(Student), 2000

BEŞİKCİ C., Advanced monte carlo modeling of III-V field-effect transistors, Post Graduate, A.TURABI(Student), 1999

BEŞİKCİ C., Indium antimonide infrared p-i-n photodetectors grown on galium arsenide coated silicon substrates by molecular beam epitaxy, Post Graduate, A.Tevke(Student), 1999

BEŞİKCİ C., Indium antimonide p-in photodetectors grown on galium arsenide coated silicon substroties by molecular beam epitaxy, Post Graduate, A.TEVKE(Student), 1999

BEŞİKCİ C., Electrical characterization of GaInP/InGaAs/GaAs modulation doped field-effect transistor structures, Post Graduate, Y.CİVAN(Student), 1998

Designed Lessons

Beşikci C., Solid State Devices, Under Graduate, 2011 - 2012

Beşikci C., Infrared Devices and Systems, Post Graduate, 2007 - 2008

Beşikci C., Semiconductor Devices and Modeling, Under Graduate, 1996 - 1997

Beşikci C., Transport Phenomena in Semiconductor Devices, Post Graduate, 1995 - 1996

Beşikci C., High Speed Semiconductor Devices and Circuits, Post Graduate, 1995 - 1996

Research Infrastructure Information

Beşikci C., Kuantum Aygıtları ve Nanofotonik Araştırma Laboratuvarı, December 2005

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Nature Allows High Sensitivity Thermal Imaging With Type-I Quantum Wells Without Optical Couplers: A Grating-Free Quantum Well Infrared Photodetector With High Conversion Efficiency**
BEŞİKCİ C.
IEEE JOURNAL OF QUANTUM ELECTRONICS, vol.57, no.2, 2021 (Journal Indexed in SCI)
- II. **High-x InP/In_xGa_{1-x}As quantum well infrared photodetector**
BEŞİKCİ C.
INFRARED PHYSICS & TECHNOLOGY, vol.95, pp.152-157, 2018 (Journal Indexed in SCI)
- III. **Theoretical assessment of electro-thermal imaging: A new technique for medical diagnosis**
Carlak H. F. , GENÇER N. G. , BEŞİKCİ C.
INFRARED PHYSICS & TECHNOLOGY, vol.76, pp.227-234, 2016 (Journal Indexed in SCI)
- IV. **Extended wavelength SWIR In GaAs focal plane array: Characteristics and limitations**

- Arslan Y., Oguz F., BEŞİKCİ C.
INFRARED PHYSICS & TECHNOLOGY, vol.70, pp.134-137, 2015 (Journal Indexed in SCI)
- V. **640 x 512 Extended Short Wavelength Infrared In_{0.83}Ga_{0.17}As Focal Plane Array**
Arslan Y., Oguz F., BEŞİKCİ C.
IEEE JOURNAL OF QUANTUM ELECTRONICS, vol.50, no.12, pp.957-964, 2014 (Journal Indexed in SCI)
- VI. **Enhanced performance QWIP FPAs**
Arslan Y., Colakoglu T., Torunoglu G., Aktas O., BEŞİKCİ C.
INFRARED PHYSICS & TECHNOLOGY, vol.59, pp.108-111, 2013 (Journal Indexed in SCI)
- VII. **Diffraction-Grating-Coupled High Quantum Efficiency InP/InGaAs Quantum Well Infrared Photodetector Focal Plane Array**
Arslan Y., Colakoglu T., BEŞİKCİ C.
IEEE JOURNAL OF QUANTUM ELECTRONICS, vol.49, no.2, pp.186-195, 2013 (Journal Indexed in SCI)
- VIII. **Numerical analysis of long wavelength infrared HgCdTe photodiodes**
Kocer H., Arslan Y., BEŞİKCİ C.
INFRARED PHYSICS & TECHNOLOGY, vol.55, no.1, pp.49-55, 2012 (Journal Indexed in SCI)
- IX. **PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON QUANTUM STRUCTURE INFRARED PHOTODETECTOR (QSIP) 2010 Preface**
BEŞİKCİ C., Gunapala S. D. , Razeghi M.
INFRARED PHYSICS & TECHNOLOGY, vol.54, no.3, pp.131, 2011 (Journal Indexed in SCI)
- X. **High speed QWIP FPAs on InP substrates**
Eker S. U. , Arslan Y., BEŞİKCİ C.
INFRARED PHYSICS & TECHNOLOGY, vol.54, no.3, pp.209-214, 2011 (Journal Indexed in SCI)
- XI. **High Conversion Efficiency InP/InGaAs Strained Quantum Well Infrared Photodetector Focal Plane Array With 9.7 μ m Cut-Off for High-Speed Thermal Imaging**
Eker S. U. , Arslan Y., Onuk A. E. , BEŞİKCİ C.
IEEE JOURNAL OF QUANTUM ELECTRONICS, vol.46, no.2, pp.164-168, 2010 (Journal Indexed in SCI)
- XII. **Large format voltage tunable dual-band QWIP FPAs**
Arslan Y., Eker S. U. , Kaldirim M., BEŞİKCİ C.
INFRARED PHYSICS & TECHNOLOGY, vol.52, no.6, pp.399-402, 2009 (Journal Indexed in SCI)
- XIII. **QWIP focal plane arrays on InP substrates for single and dual band thermal imagers**
Eker S. U. , Arslan Y., Kaldirim M., BEŞİKCİ C.
INFRARED PHYSICS & TECHNOLOGY, vol.52, no.6, pp.385-390, 2009 (Journal Indexed in SCI)
- XIV. **Large-format voltage-tunable dual-band quantum-well infrared photodetector focal plane array for third-generation thermal imagers**
Eker S. U. , Kaldirim M., Arslan Y., BEŞİKCİ C.
IEEE ELECTRON DEVICE LETTERS, vol.29, no.10, pp.1121-1123, 2008 (Journal Indexed in SCI)
- XV. **Lattice-matched AlInAs-InGaAs mid-wavelength infrared QWIPs: characteristics and focal plane array performance**
Kaldirim M., Arslan Y., Eker S. U. , BEŞİKCİ C.
SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.23, no.8, 2008 (Journal Indexed in SCI)
- XVI. **Large-format voltage-tunable dual-color midwavelength infrared quantum-well infrared photodetector focal plane array**
Kaldirim M., Eker S. U. , Arslan Y., TÜMKAYA U., BEŞİKCİ C.
IEEE PHOTONICS TECHNOLOGY LETTERS, vol.20, pp.709-711, 2008 (Journal Indexed in SCI)
- XVII. **Large format AlInAs-InGaAs quantum-well infrared photodetector focal plane array for midwavelength infrared thermal imaging**
Ozer S., Tumkaya U., Besikci C.
IEEE PHOTONICS TECHNOLOGY LETTERS, vol.19, pp.1371-1373, 2007 (Journal Indexed in SCI)
- XVIII. **Demonstration and performance assessment of large format InP-InGaAsP quantum-well infrared photodetector focal plane array**
Ozer S., Tumkaya U., Asici B., Besikci C.

- IEEE JOURNAL OF QUANTUM ELECTRONICS, vol.43, pp.709-713, 2007 (Journal Indexed in SCI)
- XIX. **A detailed ensemble Monte Carlo study of the effect of quantum well width on quantum well infrared photodetector characteristics**
Memiş S., Cellek O., Bostancı U., TOMAK M., BEŞİKÇİ C.
Turkish Journal of Physics, vol.30, no.4, pp.335-344, 2006 (Journal Indexed in SCI Expanded)
- XX. **Assessment of large format InP/InGaAs quantum well infrared photodetector focal plane array**
Ozer S., Cellek O., Besikci C.
INFRARED PHYSICS & TECHNOLOGY, vol.47, pp.115-118, 2005 (Journal Indexed in SCI)
- XXI. **High responsivity InP-InGaAs quantum-well infrared photodetectors: Characteristics and focal plane array performance**
Cellek O., Ozer S., Besikci C.
IEEE JOURNAL OF QUANTUM ELECTRONICS, vol.41, no.7, pp.980-985, 2005 (Journal Indexed in SCI)
- XXII. **Gain and transient photoresponse of quantum well infrared photodetectors: A detailed ensemble Monte Carlo study**
Cellek O., Memis S., Bostanci U., Ozer S., BEŞİKÇİ C.
Physica E: Low-Dimensional Systems and Nanostructures, vol.24, pp.318-327, 2004 (Journal Indexed in SCI)
- XXIII. **Detailed investigation of electron transport, capture and, gain in Al_{0.3}Ga_{0.7}As/GaAs quantum well infrared photodetectors**
Cellek O., Besikci C.
SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.19, no.2, pp.183-190, 2004 (Journal Indexed in SCI)
- XXIV. **Assessment of InSb photodetectors on Si substrates**
Ozer S., Besikci C.
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.36, no.5, pp.559-563, 2003 (Journal Indexed in SCI)
- XXV. **Characteristics of InAs(0.8)Sb(0.2) photodetectors on GaAs substrates**
Besikci C., Ozer S., Van Hoof C., Zimmermann L., John J., Merken P.
SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.16, no.12, pp.992-996, 2001 (Journal Indexed in SCI)
- XXVI. **Dielectric screening effects on electron transport in Ga_{0.51}In_{0.49}P/In_xGa_{1-x}As/GaAs quantum wells**
Besikci C., Bakir A., Tanatar B.
JOURNAL OF APPLIED PHYSICS, vol.88, no.3, pp.1504-1510, 2000 (Journal Indexed in SCI)
- XXVII. Beşikci C., Civan Y.
TURKISH JOURNAL OF PHYSICS, vol.23, pp.619-629, 1999 (Journal Indexed in SCI Expanded)
- XXVIII. **Characteristics of electron traps in Si-doped Ga_{0.51}In_{0.49}P and electrical properties of modulation doped GaInP/InGaAs/GaAs heterostructures**
Besikci C., Civan Y.
THIN SOLID FILMS, vol.338, pp.213-219, 1999 (Journal Indexed in SCI)
- XXIX. **Hydrodynamic approach for modelling transport in quantum well device structures**
Besikci C., Tanatar B., Sen O.
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.31, no.17, pp.2211-2218, 1998 (Journal Indexed in SCI)
- XXX. **InSb infrared p-i-n photodetectors grown on GaAs coated Si substrates by molecular beam epitaxy**
Tevke A., Besikci C., Van Hoof C., Borghs G.
SOLID-STATE ELECTRONICS, vol.42, no.6, pp.1039-1044, 1998 (Journal Indexed in SCI)
- XXXI. **Effects of screening on the two-dimensional electron transport properties in modulation doped heterostructures**
Sen O., Besikci C., Tanatar B.
SOLID-STATE ELECTRONICS, vol.42, no.6, pp.987-991, 1998 (Journal Indexed in SCI)
- XXXII. **Gas source molecular beam epitaxy growth and characterization of Ga_{0.51}In_{0.49}P/In_xGa_{1-x}As/GaAs modulation-doped field-effect transistor structures**
Besikci C., Civan Y., Ozder S., Sen O., Jelen C., Slivken S., Razeghi M.
SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.12, no.11, pp.1472-1478, 1997 (Journal Indexed in SCI)
- XXXIII. **MOLECULAR-BEAM EPITAXIAL-GROWTH OF HIGH-QUALITY INSB**
Michel E., Singh G., Slivken S., Besikci C., Bove P., Ferguson I., Razeghi M.

- APPLIED PHYSICS LETTERS, vol.65, pp.3338-3340, 1994 (Journal Indexed in SCI)
- XXXIV. **DETAILED ANALYSIS OF CARRIER TRANSPORT IN INAS_{0.3}SB_{0.7} LAYERS GROWN ON GAAS SUBSTRATES BY METALORGANIC CHEMICAL-VAPOR-DEPOSITION**
Besikci C., Choi Y., Labeyrie G., Bigan E., Razeghi M., Cohen J., Carsello J., Dravid V.
JOURNAL OF APPLIED PHYSICS, vol.76, pp.5820-5828, 1994 (Journal Indexed in SCI)
- XXXV. **On the Description of the Collision Terms in Three-Valley Hydrodynamic Models for GaAs Device Modeling**
Besikci C., Razeghi M.
IEEE Transactions on Electron Devices, vol.41, pp.1471-1475, 1994 (Journal Indexed in SCI)
- XXXVI. **Electron Transport Properties of Ga_{0.51}In_{0.49}P for Device Applications**
Besikci C., Razeghi M.
IEEE Transactions on Electron Devices, vol.41, no.6, pp.1066-1069, 1994 (Journal Indexed in SCI)
- XXXVII. **GROWTH OF IN₁-XTLXSB A NEW INFRARED MATERIAL, BY LOW-PRESSURE METALORGANIC CHEMICAL-VAPOR-DEPOSITION**
CHOI Y., BEŞİKCI C., SUDHARSANAN R., RAZEGHI M.
APPLIED PHYSICS LETTERS, vol.63, no.3, pp.361-363, 1993 (Journal Indexed in SCI)
- XXXVIII. **ANOMALOUS HALL-EFFECT IN INSB LAYERS GROWN BY METALORGANIC CHEMICAL-VAPOR DEPOSITION ON GAAS SUBSTRATES**
BEŞİKCI C., CHOI Y., SUDHARSANAN R., RAZEGHI M.
JOURNAL OF APPLIED PHYSICS, vol.73, no.10, pp.5009-5013, 1993 (Journal Indexed in SCI)

Books & Book Chapters

- I. **Proceedings of the International Conference on Quantum Structure Infrared Photodetectors (QSIP) 2010**
Beşikci C. (Editor), Gunapala S. D. (Editor), Razeghi M. (Editor)
Elsevier Science, Oxford/Amsterdam , Amsterdam, 2011

Refereed Congress / Symposium Publications in Proceedings

- I. **Quantum Well Infrared Photodetector Technology: Status and Outlook**
Beşikci C.
Quantum Structure Infrared Photodetectors Conference, Stockholm, Sweden, 17 - 21 June 2018
- II. **Extended Short Wavelength Infrared FPA Technology: Status and Trends**
BEŞİKCI C.
Conference on Quantum Sensing and Nano Electronics and Photonics XV, San-Francisco, Costa Rica, 28 January - 02 February 2018, vol.10540
- III. **Performance Enhancements in High Quantum Efficiency InP Based QWIPs**
Arslan Y., Çolakoğlu T., KOCAMAN S., BEŞİKCI C.
Quantum Structure Infrared Photodetector International Conference QSIP 2014, 29 June - 03 July 2014
- IV. **Medical Thermal Imaging of Electrically Stimulated Woman Breast: a simulation study**
Carlak H. F. , GENÇER N. G. , BEŞİKCI C.
33rd Annual International Conference of the IEEE Engineering-in-Medicine-and-Biology-Society (EMBS), Massachusetts, United States Of America, 30 August - 03 September 2011, pp.4905-4908
- V. **Large Format Dual Band QWIP Focal Plane Arrays for Third Generation Thermal Imagers**
BEŞİKCI C., Arslan Y., Eker S. U.
22nd Annual Meeting of the IEEE-Photonics-Society, Belek Antalya, Turkey, 4 - 08 October 2009, pp.162-163
- VI. **III-V infrared detectors on Si substrates**
Besikci C.

Supported Projects

- Beşikci C., Parlak M., TUBITAK Project, 2013 - 2018
Beşikci C., Parlak M., TUBITAK Project, SAVM022, 2008 - 2013
Beşikci C., Project Supported by Other Official Institutions, Hizmete Özel Proje, 2008 - 2012
Beşikci C., Özbay E., TUBITAK Project, 105A005, 2006 - 2009
Beşikci C., TUBITAK Project, SAVM004, 2006 - 2009
Beşikci C., TUBITAK Project, SAVM003, 2006 - 2009
Beşikci C., Project Supported by Other Official Institutions, Sensör Üretim Teknolojilerinin Geliştirilmesi, 2005 - 2006
Beşikci C., Project Supported by Other Official Institutions, Hizmete Özel Proje, 2004 - 2006
Beşikci C., TUBITAK Project, Kuantum Kuyulu Kızılötesi Dedektör Teknolojisinin Geliştirilmesi,, 2001 - 2003
Beşikci C., Project Supported by Other Official Institutions, Hizmete Özel Proje, 1999 - 2002
Beşikci C., Akin T., NATO Supported Research Project, Integrated Sensors and Sensor Systems for Industrial Applications, 1996 - 2000
Beşikci C., TUBITAK Project, GalnP/InGaAs/GaAs MODFET Yapılarının İncelenmesi ve Optimizasyonu, 1995 - 1998

Patent

- Gençer N. G. , Carlak H. F. , Besikci C., Method and System for Dual-band Active Thermal Imaging using Multi-frequency Currents, Patent, CHAPTER A Human Needs, Initial Registration, 2018

Contractual Researches

- Beşikci C., ASELSAN A.Ş., TUYGUN PROJESİ, 2010 - 2012
Beşikci C., ASELSAN A.Ş., ASELSAN A.Ş. Projesi, 2003 - 2005
Beşikci C., ASELSAN A.Ş., ASELSAN A.Ş. Projesi, 1999 - 2001

Activities in Scientific Journals

- Infrared Physics, Special Issue Editor, 2010 - 2010

Memberships / Tasks in Scientific Organizations

- TÜBİTAK BİDEB, Member of Advisory Board, 2019 - 2020

Tasks In Event Organizations

- Beşikci C., Scientific Congress, Krakow, Poland, Temmuz 2020
Beşikci C., Quantum Structure Infrared Photodetectors International Conference 2018, Scientific Congress, Stockholm, Sweden, Haziran 2018
Beşikci C., Quantum Structure Infrared Photodetector International Conference 2016, Scientific Congress, Tel-Aviv-Yafo, Israel, Haziran 2016
Beşikci C., Quantum Structure Infrared Photodetector International Conference 2014, Scientific Congress, New-Mexico,

United States Of America, Temmuz 2014

Beşikci C., Bois P., Gunapala S., Liu, Liu H., Costard E., Quantum Structure Infrared Photodetector International Conference 2012 , Scientific Congress, France, Haziran 2012

Beşikci C., Gunapala S., Razeghi M., Andersson J., Bandara S., Costard E., Liu H., Perera A., Quantum Structure Infrared Photodetector International Conference 2010, Scientific Congress, İstanbul, Turkey, Ağustos 2010

Beşikci C., Photodetector Materials and Devices VI, SPIE International Symposium on Optoelectronics 2001, Scientific Congress, California, United States Of America, Ocak 2001

Beşikci C., LSD '99 The Third International Conference on Low Dimensional Structures and Devices, Scientific Congress, Antalya, Turkey, Eylül 1999

Beşikci C., Photodetectors Materials and Devices IV, SPIE International Symposium on Optoelectronics '99, Scientific Congress, California, United States Of America, Ocak 1999

Edit Congress and Symposium Activities

SPIE Photonics West 2018, Invited Speaker, California, United States Of America, 2018

Citations

Total Citations (WOS):518

h-index (WOS):15

Awards

Beşikci C., ODTÜ Yılın Tezi Ödülü, Prof. Dr. Mustafa Parlar Eğitim Ve Araştırma Vakfı, December 2014

Beşikci C., ODTÜ Yılın Tezi Ödülü, Prof. Dr. Mustafa Parlar Eğitim Ve Araştırma Vakfı, December 2010

Beşikci C., ODTÜ Yılın Tezi Ödülü, Prof. Dr. Mustafa Parlar Eğitim Ve Araştırma Vakfı, December 2008

Beşikci C., ODTÜ Yılın Tezi Ödülü, Prof. Dr. Mustafa Parlar Eğitim Ve Araştırma Vakfı , December 2005

Beşikci C., TÜBİTAK TEŞVİK ÖDÜLÜ, Tübitak, July 2002

Beşikci C., Araştırma Teşvik Ödülü, Prof. Dr. Mustafa Parlar Eğitim Ve Araştırma Vakfı, December 2000

Beşikci C., ODTÜ Başarı Ödülü, Odtü, June 2000

Beşikci C., Vakıfbank ODTÜ Başarı Ödülü, Odtü, June 1999