Assoc. Prof. Namık AKÇAY



Personal Information

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International Researcher IDs
ScholarID: J6I1bGYAAAAJ
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Publons / Web Of Science ResearcherID: AAC-2725-2020
Yoksis Researcher ID: 121582

Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Fizik/ Katıhal Fiziği, Turkey 2004 - 2008
Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Fizik/ Katıhal Fiziği, Turkey 2001 - 2004
Undergraduate, Istanbul University, Faculty Of Science, Department Of Physics, Turkey 1997 - 2001

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Kuantum Noktaları Temelli Bellek Aygıtlar, Istanbul University, Faculty of Science, Fizik/ Katıhal Fiziği, 2008
Postgraduate, Azot İçeren Düşük Boyutlu Yarıiletkenlerde Foto Olayların İncelenmesi, Istanbul University, Faculty of Science, Fizik/ Katıhal Fiziği, 2004

Research Areas

Physics, Interdisciplinary Physics and Related Science and Technology Areas, Materials Science, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Transport Phenomena in Condensed Matter, Natural Sciences

Academic Titles / Tasks

Associate Professor, Istanbul University, Faculty of Science, Department of Physics, 2022 - Continues
Assistant Professor, Istanbul University, Faculty of Science, Department of Physics, 2018 - 2022
Assistant Professor, Istanbul University, Faculty of Science, Department of Physics, 2009 - 2018
Research Assistant, Istanbul University, Faculty of Science, Department of Physics, 2001 - 2008

Courses

ELEKRONİK II - DİJİTAL ELEKTRONİK, Undergraduate, 2023 - 2024
SOLID STATE PHYSICS, Undergraduate, 2022 - 2023
NANO TEKNOLOJİYE GİRİŞ II, Postgraduate, 2020 - 2021
İLERİ FİZİK UYGULAMALARI II, Undergraduate, 2020 - 2021
ELEKTRONİK II, Undergraduate, 2020 - 2021
NANO TEKNOLOJİYE GİRİŞ I, Postgraduate, 2020 - 2021
Elektronik 2, Undergraduate, 2019 - 2020
Nanoteknolojiye Giriş 2, Postgraduate, 2019 - 2020
ELEKTRONİK DEVRE TASARIMI VE UYGULAMALARI, Undergraduate, 2020 - 2021
Elektronik II, Undergraduate, 2019 - 2020
Elektronik Devre Tasarımı ve Uygulamaları, Undergraduate, 2020 - 2021
İş sağlığı ve Güvenliği, Undergraduate, 2020 - 2021
ELEKTRONİK II, Undergraduate, 2018 - 2019, 2017 - 2018
Elektronik II, Undergraduate, 2018 - 2019
NANO TEKNOLOJİYE GİRİŞ II, Postgraduate, 2018 - 2019, 2017 - 2018
Elektronik Devre Tasarımı ve Uygulamaları, Undergraduate, 2019 - 2020, 2018 - 2019
NANO TEKNOLOJİYE GİRİŞ I, Postgraduate, 2019 - 2020, 2017 - 2018
İLERİ FİZİK UYGULAMALARI II, Undergraduate, 2017 - 2018
Nanoteknolojiye Giriş I, Postgraduate, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2013 - 2014
İş Sağlığı ve Güvenliği, Undergraduate, 2018 - 2019
ELEKTRONİK II (İkinci Öğretim), Undergraduate, 2017 - 2018
İleri Fizik Uygulamaları, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
İş sağlığı ve Güvenliği, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Elektronik II, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Nanoteknolojiye Giriş II, Postgraduate, 2016 - 2017, 2015 - 2016, 2013 - 2014
ELEKTRONİK DEVRE TASARIMI VE UYGULAMALARI, Undergraduate, 2017 - 2018
İş Sağlığı ve Güvenliği, Undergraduate, 2017 - 2018
Elektronik Devre Tasarımı Ve Uygulamaları, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
Elektronik Devre Tasarımı Ve Uygulamaları(İ.Ö), Undergraduate, 2015 - 2016
Nanoteknolojiye Giriş I, Postgraduate, 2014 - 2015
Öğretmenlik Uygulaması, Undergraduate, 2012 - 2013, 2009 - 2010
İleri Fizik Uygulamaları, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
Fizik I, Undergraduate, 2013 - 2014
SEMİNER, Postgraduate, 2012 - 2013
Nanoteknolojiye Giriş II, Postgraduate, 2012 - 2013
Fizik I, Undergraduate, 2012 - 2013
Nanoteknolojiye Giriş II, Postgraduate, 2011 - 2012, 2010 - 2011
Elektronik Devre Tasarımı Ve Uygulamaları, Undergraduate, 2012 - 2013
Elektronik Devre Tasarımı Ve Uygulamaları, Undergraduate, 2012 - 2013
Nanoteknolojiye Giriş I, Postgraduate, 2012 - 2013
Fizik I, Undergraduate, 2012 - 2013
Nanoteknolojiye Giriş I, Postgraduate, 2011 - 2012, 2010 - 2011
Öğretim Teknolojisi ve Metariyel Geliştirme, Undergraduate, 2009 - 2010
GENEL FİZİK, Undergraduate, 2010 - 2011
Elektronik II, Undergraduate, 2009 - 2010
Bilgisayar I, Undergraduate, 2008 - 2009
FİZİK, Undergraduate, 2009 - 2010

Advising Theses

Akçay N., Katkılı ZnO/Si Heteroekleminin Üretimi ve Ara Yüzeyde Oluşan Kusur Seviyelerinin İncelenmesi, Doctorate, H.Onur(Student), Continues
Akçay N., Çok Katmanlı Yapılarda Ultrasonun Sıcaklık Etkisinin İncelenmesi, Doctorate, G.DÜNDAR(Student), Continues
Akçay N., Demir Vanadat (FeVO4) Nanoparçaçıklarının Üretimi ve Gaz Algılama Özelliklerinin İncelenmesi, Postgraduate, P.KAVRAZ(Student), Continues
Akçay N., "Cu Katkılı ZnSNanoyapıların Üretilmesi ve Optik Özelliklerinin İncelenmesi, Postgraduate, O.KUŞ(Student), 2019
AKÇAY N., IV-VI Grubu Bileşiklerin Nanoboyutta Üretimi ve Optik Özelliklerinin İncelenmesi, Postgraduate, H.Onur(Student), 2018
AKÇAY N., Nanoyapıların Fotovoltaik Özelliklerinin İncelenmesi, Postgraduate, M.DAĞ(Student), 2015

Jury Memberships

Post Graduate, Tez Savunma Jürisi, Yıldız Teknik Üniversitesi, April, 2014

Designed Lessons

Akçay N., CIRCUITS DESING IN ELECTRONICS AND APPLICATIONS, Undergraduate, 2012 - 2013

Research Infrastructure Information

Akçay N., Nanoteknoloji Araştırma Laboratuvarı, December 2011

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Synthesis and ultrafast humidity sensing performance of Sr doped ZnO nanostructured thin films: the effect of Sr concentration**
ALGÜN G., AKÇAY N., Öztel H. O., CAN M. M.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.107, no.3, pp.640-658, 2023 (SCI-Expanded)

II. **Fabrication of ultra-sensitive humidity sensors based on Ce-doped ZnO nanostructure with superfast response and recovery time**
AKÇAY N., ALGÜN G., Öztel H. O.
Journal of Materials Science: Materials in Electronics, vol.34, no.20, 2023 (SCI-Expanded)

III. **Effect of fluorine doping concentration on efficiency of ZnO/p-Si heterojunction solar cells fabricated by spray pyrolysis**
Akcay N.
Journal of Materials Science: Materials in Electronics, vol.31, no.24, pp.22467-22477, 2020 (SCI-Expanded)

IV. **Determination of Photovoltaic Properties for Nanostructures**
Dag M., Akcay N., KÖTEN H., Guner K.
JOURNAL OF ELECTRONIC MATERIALS, vol.48, no.11, 2019 (SCI-Expanded)

V. **Enhanced sensing characteristics of relative humidity sensors based on Al and F co-doped ZnO nanostructured thin films**
Algun G., Akcay N.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.30, no.17, pp.16124-16134, 2019 (SCI-Expanded)

VI. **The role of etching current density and porous structure on enhanced photovoltaic performance of**

ZnO/PS heterojunction solar cells
Algun G., Akcay N.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.125, no.8, 2019 (SCI-Expanded)

VII. **Influence of back gate voltage on electrical transport in Zn1-(y+x)(Al-x,Eu-y)O thin films**
Algun G., Akcay N., Can M. M., Kaneko S.
MATERIALS RESEARCH EXPRESS, vol.5, no.10, 2018 (SCI-Expanded)

VIII. **Structural, optical, electrical and humudity sensing properties of (Y/Al) co-doped ZnO thin films**
Uzar N., Algun G., Akcay N., Akcan D., Arda L.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.28, no.16, pp.11861-11870, 2017 (SCI-Expanded)

IX. **Europium dependent absorption properties of Zn1-(y+0.01)(Al-0.01,Eu (y))O (y=0.00, 0.01, 0.03 and 0.05) thin films grown on the soda-lime glass substrates by spin coating**
Akcay N., Algun G., Kilic N., Shawuti S., Can M. M.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.28, pp.4492-4497, 2017 (SCI-Expanded)

X. **Zinc oxide nanoparticles induced cyto- and genotoxicity in kidney epithelial cells**
Uzar N., Abudayyak M. F., Akcay N., Algun G., Ozhan G.
TOXICOLOGY MECHANISMS AND METHODS, vol.25, no.4, pp.334-339, 2015 (SCI-Expanded)

XI. **Temperature and electric field dependence of the carrier emission processes in a quantum dot-based memory structure**
Nowozin T., Marent A., GELLER M., BİMBERG D., Akcay N., Oencan N.
APPLIED PHYSICS LETTERS, vol.94, no.4, 2009 (SCI-Expanded)

XII. **Towards an universal memory based on self-organized quantum dots**
Geller M., Marent A., Nowozin T., Feise D., Poetschke K., Akcay N., Oncan N., Bimberg D.
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.40, no.6, pp.1811-1814, 2008 (SCI-Expanded)

XIII. **A write time of 6 ns for quantum dot based memory structures**
GELLER M., Marent A., Nowozin T., BİMBERG D., Akcay N., Oncan N.
APPLIED PHYSICS LETTERS, vol.92, no.9, 2008 (SCI-Expanded)

XIV. **10(6) years extrapolated hole storage time in GaSb/AlAs quantum dots**
Marent A., Geller M., Schliwa A., Feise D., Poetschke K., Bimberg D., Akcay N., Oncan N.
APPLIED PHYSICS LETTERS, vol.91, no.24, 2007 (SCI-Expanded)

XV. **Spectral photoconductivity and in-plane photovoltage studies of as-grown and annealed GaInNAs/GaAs and GaInAs/GaAs quantum well structures**
Erol A., Akcay N., Arikan M., Mazzucato S., Balkan N.
SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.19, no.9, pp.1086-1091, 2004 (SCI-Expanded)

XVI. **In-plane photovoltaic and photoconductive effects on GaInAs and GaInNAs double quantum well structures**
Akcay N., Erol A., Arikan M., Mazzucato S., Chalker P., Joyce T.
IEE PROCEEDINGS-OPTOELECTRONICS, vol.150, no.1, pp.96-98, 2003 (SCI-Expanded)

Articles Published in Other Journals

I. **Sol-Jel Yöntemi ile Üretilen ZnO(Al)/p-Si Heteroekleminin Elektriksel Karakterizasyonu**
AKÇAY N.
SÜLEYMAN DEMIREL ÜNIVERSITESI FEN EDEBIYAT FAKÜLTESI FEN DERGISI = SÜLEYMAN DEMIREL UNIVERSITY FACULTY OF ARTS AND SCIENCE JOURNAL OF SCIENCE, vol.13, no.2, pp.121-131, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Biyojenik Çinko Nanopartikülünün Farklı Buğday Türlerinde Çimlenme Ve Büyüme Karakterleri Üzerine Etkisinin İncelenmesi**
Duraklı Y., Yüzbaşıoğlu E., Dalyan E., Akçay N., Algün G.
25. Ulusal Biyoloji Kongresi, İzmir, Turkey, 13 - 15 July 2023, pp.113

II. **Producing of CuS thin films by different coating methods and investigation of optical properties**
AKÇAY N., Kuş O.
Turkish Physical Society 35th International Physics Congress, Muğla, Turkey, 4 - 08 September 2019, vol.1, no.1, pp.2-9

III. **Active Deep Energy Levels on Gas Sensing Performance of (Zn, Co)Ga2O4 thin films**
CAN M. M., Shawuti S., AKÇAY N., ALGÜN G.
Science and Applications of Thin Films, Conference & Exhibition (SATF 2018), İzmir, Turkey, 17 - 21 September 2018, pp.59

IV. **THE PRODUCTION OF n-ZnO/p- Si SOLAR CELL**
Güleş E., Akçay N.
Turkish Physical Society 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.523

V. **OPTICAL PROPERTIES OF CO-DOPED AZO TRANSPARENT CONDUCTING FILMS**
Akçay N.
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.78

VI. **Understanding The Gas Sensing Ability of (Zn,Co)Ga2O4 Thin Films Via Optical, Thermal Transport and DC Conductivity Measurements**
CAN M. M., SHAWUTI S., AKÇAY N., ALGÜN G.
2016 MRS spring Meeting&Exhibit, Phoenix, United States Of America, 28 March - 01 April 2016, pp.1-5

VII. **The Effect of ZnO Nanoparticles on Sensing Properties of Porous Silicon**
Algün G., Akçay N., Üzar Kılıç N., Dağ M.
Turkish Physical Society 31th International Physics Congress, Muğla, Turkey, 21 - 24 July 2014, pp.118

VIII. **Structural Properties of Nano Zinc Oxide Synthesized By Sol-Gel Method**
DAĞ M., AKÇAY N., ALGÜN G., ÜZAR KILIÇ N.
Turkish Physical Society 31th International Physics Congress, Muğla, Turkey, 21 - 24 July 2014, pp.126

IX. **ELECTRICAL PROPERTIES OF ZNO NANOPARTICLES ON POROUS SILICON**
AKÇAY N., ALGÜN G., Dağ M., ÜZAR KILIÇ N.
Turkish Physical Society, 31th International Physics Congress, Muğla, Turkey, 21 - 24 July 2014, pp.117

X. **SYNTHESIS AND TOXICITY PROFILES OF ZnO NANOPARTICLES**
ÜZAR KILIÇ N., AKÇAY N., ALGÜN G., Dağ M., Abudayyak M., ÖZHAN G.
Turkish Physical Society, 31th International Physics Congress, Muğla, Turkey, 21 - 24 July 2014, pp.153

XI. **STRUCTURAL PROPERTİES OF NANO ZİNC OXİDE SYNTHESİZED BY SOL-GEL METHOD**
Dağ M., AKÇAY N., ALGÜN G., ÜZAR KILIÇ N.
Turkish Physical Society, 31th International Physics Congress, Muğla, Turkey, 21 - 24 July 2014, pp.126

XII. **The Electrical Resistance Change in Bulk- and Nano- ZnO Crystal Structures**
Algün G., Comba B., Akçay N., Ünsalan O.
Turkish Physical Society, 28th International Physics Congress, Muğla, Turkey, 1 - 04 September 2011, pp.542

XIII. **Storage and Access Time of QD Memory Structures**
Akçay N., Öncan N., Algün G., Marent A., Bimberg D.
Turkish Physical Society, 28th International Physics Congress, Muğla, Turkey, 1 - 04 September 2011, pp.123

XIV. **A Non-volatile Memory Based on III-V Semiconductor Quantum Dots**
Marent A., Geller M., Schliwa A., Nowozin T., Feise D., Pötschke K., Akçay N., Öncan N., Bimberg D.
EUROMAT 2007 Nürnberg, Nuremberg, Germany, 10 - 13 September 2007, pp.13

XV. **A Semiconductor Memory Based on Quantum Dots**
Geller M., Marent A., Nowozin T., Beyer Y., Pötschke K., Akçay N., Öncan N., Bimberg D.
7th International workshop on Future information Processing Technologies, Dresden, Germany, 4 - 07 October 2007, pp.111

XVI. **A Semiconductor Memory Based on Self-Organized Quantum Dots**

Geller M., Marent A., Nowozin T., Feise D., Pötschke K., Akçay N., Öncan N., Bimberg D.
4.Treffen des DGM Arbeitskreises"Materalien für nichthflüchtige Speicer", Freiburg, Germany, 19 July 2007, pp.23-24

XVII. **Towards an Universal Memory Based on Self-Organized Quantum Dots**
Marent A., Geller M., Nowozin T., Feise D., Pötschke K., Akçay N., Öncan N., Bimberg D.
13. International conference on Modulated Semiconductor structures(MSS-13), Genoa, Italy, 15 - 20 July 2007, pp.9-11

XVIII. **In-Plane Photovoltaic and Photoconductive Effects in GaInAs and GaInNAs double quantum well structures**
Akçay N., Erol A., Arıkan Ç., Balkan N.
International Research Workshop Physics and Technology of Dilute Nitrides for Optical Communications, İstanbul, Turkey, 1 - 04 October 2002, pp.46

Other Publications

I. **Elektronik 2(dijital elektronik)Laboratuvar Deneyleri Föyü**
ÖNCAN N., AKÇAY N.
Experiment, pp.40, 2011

Supported Projects

AKÇAY N., ÖZTEL H. O., Project Supported by Higher Education Institutions, Katkılı ZnO/Si Heteroekleminin Üretimi ve Ara Yüzeyde Oluşan Kusur Seviyelerinin İncelenmesi, 2021 - Continues
AKÇAY N., KAVRAZ P., Project Supported by Higher Education Institutions, Mg katkılı ZnO nanoparçacıkların üretimi ve nem algılama özelliklerinin incelenmesi, 2021 - Continues
ALGÜN G., AKÇAY N., CAN M. M., Project Supported by Higher Education Institutions, Mg tatkılı ZnO nanoyapıların nem sensörü özelliklerinin incelenmesi, 2019 - 2022
AKÇAY N., CAN M. M., ALGÜN G., Project Supported by Higher Education Institutions, Mg katkılı Zno nanoparçacıkların Optik Özellikleri, 2018 - 2021
Can M. M., Algün G., Akçay N., TUBITAK Project, Katkı Atomlarının İyonik Durumlarına ve Konumlarına Bağlı Olarak Oksit Yarıiletken Heteroyapılarda Karbon Salınımı Düşük Yakıt Gazlarının Algılanması, Tutma ve Bırakma Kabiliyetinin Belirlenmesi, 2017 - 2020
AKÇAY N., KUŞ O., Project Supported by Higher Education Institutions, Cu Katkılı ZnS Nanoyapıların Üretilmesi ve Optik Özelliklerinin İncelenmesi, 2017 - 2019
AKÇAY N., ÖZTEL H. O., Project Supported by Higher Education Institutions, IV-VI Gurubu Bileşiklerin Nanoboyutta Üretimi ve Optik Özelliklerinin İncelenmesi, 2015 - 2018
ALGÜN G., AKÇAY N., DEMİR B., ŞAFAK BOROĞLU M., Project Supported by Higher Education Institutions, NANOPARÇACIKLARIN GÜNEŞ PİLİ VERİMLİLİĞİNE ETKİSİ, 2015 - 2017
CAN M. M., SHAWUTİ S., AKÇAY N., ALGÜN G., Project Supported by Higher Education Institutions, Understanding The Gas Sensing Ability of ZnCoGa2O4 Thin Films Via Optical Thermal Transport and DC Conductivity Measurements, 2016 - 2016
AKÇAY N., Project Supported by Higher Education Institutions, Nanoyapıların Fotovoltaik Özelliklerinin İncelenmesi, 2013 - 2015
AKÇAY N., Project Supported by Higher Education Institutions, Kuantum Noktalarının CV Analizi, 2010 - 2013
AKÇAY N., Project Supported by Higher Education Institutions, İki Boyutlu Boşluk Gazı ve Kuantum Noktaları İçeren Yarıiletken Yapıların Elektriksel Özelliklerinin İncelenmesi, 2009 - 2013

Scientific Refereeing

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, June 2021
Project Supported by Higher Education Institutions, BAP Research Project, Yildiz Technical University, Turkey, June 2021
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, April 2021
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, November 2020
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, September 2020
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, September 2020
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, March 2020
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, November 2019
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, March 2019
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, February 2019
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, February 2019
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, November 2018
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, October 2018
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, September 2018
NANOTECHNOLOGY, SCI Journal, September 2018
NANOTECHNOLOGY, SCI Journal, August 2018
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, June 2018
Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, National Scientific Refreed Journal, June 2018
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, May 2018
JOURNAL OF APPLIED PHYSICS, SCI Journal, April 2018
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, February 2018
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, February 2018
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, February 2018
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, January 2018
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, December 2017
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, December 2017
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Journal, October 2017
Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, National Scientific Refreed Journal, October 2017
JOURNAL OF MATERIALS RESEARCH, Journal Indexed in SCI-E, February 2017
JOURNAL OF APPLIED PHYSICS, Journal Indexed in SCI-E, January 2017
JOURNAL OF APPLIED PHYSICS, Journal Indexed in SCI-E, January 2017
Balkan Physics Letters, Other Indexed Journal, October 2014

Scientific Research / Working Group Memberships

Arbeitsgruppe von Prof. Bimberg, Technische Universitaet Berlin, Germany, http://www.ifkp.tu-berlin.de/menue/arbeitsgruppen/ag_bimberg/, 2008 - 2008

Metrics

Publication: 36
Citation (WoS): 345
Citation (Scopus): 352
H-Index (WoS): 8
H-Index (Scopus): 8

Congress and Symposium Activities

Recent Progress in QD Semiconductor Amplifiers at Long Wavelength, Dr. Tomoyaki Akiyama (Fujitsu), Audience, Berlin, Germany, 2007
Progress and Challenges of GaInNAsSb for Optical Communication, James Harris (Stanford University), Audience, Berlin, Germany, 2007
8. Ulusal Fotonik Çalıştayı , Audience, İstanbul, Turkey, 2006
7.Ulusal Optik, Elektro-optik ve Fotonik Çalışma toplantısı , Audience, Ankara, Turkey, 2005
World Year of Physics 2005-Turkish Physical Society 23rd. International Physics Congress, Audience, Muğla, Turkey, 2005
Düzensiz sistemler: Teori ve Uygulamalar Çalışma Grubu, V.Ulusal Sempozyumu, Audience, İzmir, Turkey, 2005
6.Ulusal Optik, Elektro-Optik ve Fonotik Çalışma Toplantısı, Audience, İstanbul, Turkey, 2004

Scholarships

Doktora Öğrencileri için Yurdışı Araştırma Bursu, TUBITAK, 2007 - 2007

Non Academic Experience

Berlin Teknik Üniversitesi