

Prof. VAGİF NEVRUZOĞLU

Personal Information

Email: vagif.nevruzoglu@erdogan.edu.tr

Web: <https://avesis.erdogan.edu.tr/vagif.nevruzoglu>

International Researcher IDs

ORCID: 0000-0002-8758-4760

Yoksis Researcher ID: 206385

Education Information

Doctorate, Azerbaycan Bilimler Akademisi, Fizik Enstitüsü, Alternatif Enerji Kaynakları, Azerbaycan 1985 - 1990

Undergraduate, Saratov State University, Türk Dili-Edebiyatı Araştırma-Uygulama M, Fizik Mühendisliği, Russia 1979 - 1984

Foreign Languages

Russian, C1 Advanced

Dissertations

Doctorate, Lazer Işınlarnın ve Foto Uyarmalı Süreçlerin Cu₂S-CdS Güneş Pillerine Etkisi, Azerbaycan Bilimler Akademisi, Fizik Enstitüsü, Alternatif Enerji Kaynakları, 1990

Research Areas

Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Natural Sciences

Academic Titles / Tasks

Professor, Recep Tayyip Erdogan University, MÜHENDİSLİK VE MİMARLIK FAKÜLTESİ, ENERJİ SİSTEMLERİ MÜHENDİSLİĞİ, 2020 - Continues

Associate Professor, Recep Tayyip Erdogan University, MÜHENDİSLİK VE MİMARLIK FAKÜLTESİ, ENERJİ SİSTEMLERİ MÜHENDİSLİĞİ, 2015 - 2020

Assistant Professor, Recep Tayyip Erdogan University, Mühendislik Fakültesi, Enerji Sistemleri Mühendisliği Bölümü, 2013 - 2015

Associate Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Fizik Bölümü, 2006 - 2013

Associate Professor, Karadeniz Technical University, Fen Edebiyat Fakültesi, Fizik, 1999 - 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Deposition and characterization of the Ag nanoparticles on absorbable surgical sutures at the cryogenic temperatures**
Altuntas M., Beris F. S., Nevruzoglu V., Karan Y., Kanat A., Tomakin M.
APPLIED PHYSICS A: MATERIALS SCIENCE AND PROCESSING, vol.129, pp.128-138, 2023 (SCI-Expanded)
- II. **Radiometric mapping and radiation dose assessments in sediments from Savsat Black Lake, Turkey**
DİZMAN S., AKDEMİR T., Yeşilkanat C. M., NEVRUZOĞLU V., Bal E., Keser R.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.331, no.6, pp.2533-2544, 2022 (SCI-Expanded)
- III. **Investigation and mapping of natural and artificial radioactivity in sediment samples from Borcka Black Lake, Artvin-Turkey**
Dizman S., Akdemir T., Yeşilkanat C. M., Nevruzoğlu V., Bal E., Keser R.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2022 (SCI-Expanded)
- IV. **The investigation of stability of n-CdS/p-Cu₂S solar cells prepared by cold substrate method**
MANIR M., NEVRUZOĞLU V., TOMAKİN M.
SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.36, no.3, 2021 (SCI-Expanded)
- V. **Synthesis of new carbon material produced from human hair and its evaluation as electrochemical supercapacitor**
Bal Altuntaş D., Aslan S., Akyol Y., Nevruzoğlu V.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.42, pp.2346-2356, 2020 (SCI-Expanded)
- VI. **Magneto-Impedance in Co₃₅Fe₆₅/Cu/Co₃₅Fe₆₅ Single and Bi-layer Thin Films**
Yuzuak G. D., Yuzuak E., Nevruzoglu V.
ELECTRONIC MATERIALS LETTERS, vol.16, no.5, pp.473-480, 2020 (SCI-Expanded)
- VII. **Synthesis and characterization of activated carbon produced from waste human hair mass using chemical activation**
BAL ALTUNTAŞ D., NEVRUZOĞLU V., Dokumacı M., Cam Ş.
Carbon Letters, vol.30, no.3, pp.307-313, 2020 (SCI-Expanded)
- VIII. **Use of the Cold Substrate Method for Biomaterials: The Structural and Biological Properties of the Ag Layers Deposited on Ti-6Al-4V**
DUYMUS Z., NOVRUZOGLU V., ATOS S. M., YUZUAK E., Tomakin M.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.29, no.5, pp.2909-2919, 2020 (SCI-Expanded)
- IX. **Investigation of the electrical properties of Ag/n-Si schottky diode obtained by two different methods**
Nevruzoglu V., Manir M., Ozturk G.
JOURNAL OF CERAMIC PROCESSING RESEARCH, vol.21, no.2, pp.256-262, 2020 (SCI-Expanded)
- X. **Cold substrate method to prepare plasmonic Ag nanoparticle: deposition, characterization, application in solar cell**
NEVRUZOGLU V., BAL ALTUNTAS D., Tomakin M.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.126, no.4, 2020 (SCI-Expanded)
- XI. **Role of low substrate temperature deposition on Co-Fe thin films**
Yuzuak G. D., Yuzuak E., Nevruzoglu V., Dincer I.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.125, no.11, 2019 (SCI-Expanded)
- XII. **Fabrication and characterization of Au/n-ZnO/p-Si/Al sandwich device with Sol-gel spin coating method**
Keskenler E. F., KESKENLER M. F., Tomakin M., Nevruzoglu V.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.30, no.6, pp.6082-6087, 2019 (SCI-Expanded)
- XIII. **Effects of Na doping on CdS thin films and n-CdS/p-Si solar cells via chemical bath deposition method**
NEVRUZOGLU V., Tomakin M., Keskenler E. F., Öztürk G.
JOURNAL OF CERAMIC PROCESSING RESEARCH, vol.18, no.7, pp.494-500, 2017 (SCI-Expanded)
- XIV. **Improving the stability of solar cells using metal-organic frameworks**

Nevruzoglu V., Demir S., Karaca G., Tomakin M., Bilgin N., Yilmaz F.

JOURNAL OF MATERIALS CHEMISTRY A, vol.4, no.20, pp.7930-7935, 2016 (SCI-Expanded)

XV. **Investigation of Cd_{1-x}CoxS diluted magnetic semiconductor thin films fabricated by chemical bath deposition method**

Tomakin M., Oncel Y., Keskenler E. F., Nevruzoglu V., Onuk Z., Gorur O.

JOURNAL OF ALLOYS AND COMPOUNDS, vol.616, pp.166-172, 2014 (SCI-Expanded)

XVI. **Light-assisted deposition of CdS thin films**

BACAŞIZ E., Novruzov V., KARAL H., YANMAZ E., ALTUNBAS M., KOPYA A.

JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.34, no.21, pp.3109-3112, 2001 (SCI-Expanded)

XVII. **Formation of p-type CdS thin films by laser-stimulated copper diffusion**

DZHAFAROV T., ALTUNBAS M., KOPYA A., Novruzov V., BACAŞIZ E.

JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.32, no.24, 1999 (SCI-Expanded)

XVIII. **EFFECT OF SODIUM IMPURITY ON THE PROPERTIES OF CD_{1-X}ZNXS FILMS PREPARED BY ATOMIZATION**

Bayramov A., Dzhafarov T., Nadzhafov K., NEVRUZOĞLU V., Rzakuliev N.

INORGANIC MATERIALS, vol.28, no.12, pp.1976-1979, 1992 (SCI-Expanded)

Articles Published in Other Journals

I. **Carbon Microrod Material Derived from Human Hair and Its Electrochemical Supercapacitor Application**

BAL ALTUNTAŞ D., Aslan S., NEVRUZOĞLU V.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.34, no.3, pp.695-708, 2021 (ESCI)

II. **Evaluation of waste human hair as graphene oxide and examination of some characteristics properties**

BAL ALTUNTAŞ D., NEVRUZOĞLU V.

El-Cezerî Journal of Science and Engineering, vol.7, no.1, pp.104-110, 2020 (Scopus)

III. **Influence of Substrate Type on Morphology and Photoluminescence Properties of ZnO Thin Films Prepared by Ultrasonic Spray Pyrolysis Method**

BİNGÖL E., BOZALİ F., KESKENLER E. F., NEVRUZOĞLU V., TOMAKİN M.

Turkish Journal of Materials, vol.1, no.1, pp.19-24, 2016 (Peer-Reviewed Journal)

IV. **n-CdS / p-CdTe İnce Film Heteroekitlerin Elde Edilmesi**

Bayramov A. I., Dzhafarov T. D., NEVRUZOĞLU V., Aliyeva L. A.

Journal Fizika, vol.2, pp.46-48, 2000 (Peer-Reviewed Journal)

V. **Photoelectrical Properties of Cu₂S-CdS and Cu₂S-Cd_{1-x}ZnxS (x=0.15) Solar Cell**

BAIRAMOV A. I., DZHAFAROV T. D., NADZHAFOV H. I., NEVRUZOĞLU V., RZAKULIEV N. A., AGAEV R. A.

TURKISH JOURNAL OF PHYSICS, vol.18, pp.103-109, 1993 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. **DOUBLE AND INVESTIGATION OF TEA BUSH-BASED NANOMATERIALS WITH SILVER ATOMS AT CRYOGENIC TEMPERATURES**

MANIR M., BAL ALTUNTAŞ D., Şeşen Z. K., Aytemiz G., NEVRUZOĞLU V., YILDIZBAKAN Z., YILDIZBAKAN Z.

2. International World Energy Conference, Kayseri, Turkey, 09 December 2022, pp.47-55

II. **Borçka Karagöl'den Alınan Su Örneklerinde Doğal Radyoaktivite Analizi**

DİZMAN S., YEŞİLKANAT C. M., AKDEMİR T., NEVRUZOĞLU V., BAL E., KESER R.

3. Uluslararası Katılımlı Radyasyondan Korunma Kongresi, Ankara, Turkey, 02 December 2022

III. **INVESTIGATION OF THE CHARACTERISTIC PROPERTIES OF BORON DOPED CDS THIN FILMS PRODUCED BY CHEMICAL SPRAY PYROLYSIS**

Manır M., Nevruzođlu V., Aytemiz G., Çetin M., Şeşen Z. K.

INTERNATIONAL SYMPOSIUM ON ENERGY MANAGEMENT AND SUSTAINABILITY ISEMAS-2022 , İstanbul, Turkey, 5 - 07 April 2022, pp.138

- IV. **PRODUCTION OF p-CdTe FILMS USED IN SOLAR CELL PRODUCTION BY CRYOGENIC SUBSTRATE EFFECT**
Manır M., Genç G., Tomakin M., İlk B., Nevruzođlu V.
International World Energy Conference, Kayseri, Turkey, 3 - 04 December 2021, pp.176-182
- V. **RECYCLING APPLICATIONS IN Si BASED SOLAR CELL**
Manır M., Genç G., Bal Altuntaş D., Tomakin M., Nevruzođlu V.
International World Energy Conference, Kayseri, Turkey, 3 - 04 December 2021, pp.183-188
- VI. **Çinko oksit ince filmlerinesođuk altlık metodu ile gümüş buharlaştırılarak diyot üretimi ve karakterizasyonu**
MANIR M., MANDO M., NEVRUZOĐLU V.
IV. Uluslararası Bilimsel ve Mesleki Çalışmalar Kongresi – Mühendislik, Ankara, Turkey, 7 - 10 November 2019, pp.275-283
- VII. **Physical Origin of Soliton Model Thin Film Growth: CoFe/Cu/CoFe Single Cell**
DURAK YÜZÜAK G., NEVRUZOĐLU V., YÜZÜAK E.
Nano TR -15, Antalya, Turkey, 3 - 06 November 2019, pp.131
- VIII. **Graphene Oxide Synthesis with Active Carbon Obtained from Waste Human Hair and Its Characterization**
Akyol Y., Ekmekçi M. C., NEVRUZOĐLU V., BAL ALTUNTAŞ D.
NanoTR-15, Antalya, Turkey, 3 - 06 November 2019, vol.77
- IX. **Çinko Oksit İnce Filmlerine Sođuk Altlık Metodu ile Gümüş Buharlaştırılarak Diyot Üretimi ve Karakterizasyonu**
MANIR M., MANDO M., NEVRUZOĐLU V.
IV. International Scientific and Vocational Studies Congress – Engineering (BILMES EN 2019), Ankara, Turkey, 7 - 10 November 2019, pp.275-273
- X. **Synthesis and characterization of activated carbon produced from waste human hair mass using chemical activation**
DOKUMACI M., CAM Ş., NEVRUZOĐLU V., BAL ALTUNTAŞ D.
4th International Energy Engineering Congress, Gaziantep, Turkey, 24 - 25 October 2019, pp.30-31
- XI. **Optical properties of evaporated CoFe and Cu metal films at low substrate temperatures**
Durak Yüzüak G., Nevruzođlu V., Yüzüak E.
Karadeniz 1. Uluslararası Multi Disipliner Çalışmalar Kongresi, Giresun, Turkey, 15 - 17 March 2019, pp.129
- XII. **The growth of silver based illuminated layer for solar cells with novel method.**
NEVRUZOĐLU V., Aktepe S., ÖZTÜRK G., BAL ALTUNTAŞ D., TOMAKİN M.
XI International Conference on Amorphous and Microcrystalline semiconductors, 19 - 21 November 2018
- XIII. **The Growth of Silver Based Illuminated Layer for Solar Cells with Novel Method**
NEVRUZOĐLU V., Aktepe S., ÖZTÜRK G., BAL ALTUNTAŞ D., TOMAKİN M.
XI International Conference on Amorphous and Microcrystalline Semiconductors, St Petersburg, Russia, 19 - 21 November 2018, pp.239
- XIV. **The Growth of Silver Based Illuminated Layer for Solar Cells with Novel Method**
NEVRUZOĐLU V., Aktepe S., ÖZTÜRK G., BAL ALTUNTAŞ D., TOMAKİN M.
XI International Conference on Amorphous and Microcrystalline Semiconductors, St Petersburg, Russia, 19 - 21 November 2018, pp.239
- XV. **TheGrowth of Silver Based Illuminated Layer for Solar Cells with Novel Method**
NEVRUZOĐLU V., Sidar A., ÖZTÜRK G., BAL ALTUNTAŞ D., TOMAKİN M.
XI International Conference on Amorphous and Microcrystalline Semiconductors, 19 - 21 November 2018, pp.239
- XVI. **Si- Based Solar Cell Recycling Study**
BAL ALTUNTAŞ D., Aktepe S., TOMAKİN M., NEVRUZOĐLU V.
International Conference on Energy Research (ENRES), Alanya, Turkey, 31 October - 02 November 2018

- XVII. **A New Approach For Fighting With Global Warming**
BAL ALTUNTAŞ D., NEVRUZOĞLU V.
2nd International Conference on Innovations in Natural Science and Engineering, Kyiv ,Ukraine, Kiev, Ukraine, 7 - 10 September 2018
- XVIII. **Examination of the Biocompatibility of Nano-sized Ag layer prepared on Ti-6Al-4V by New Experimental Procedures**
YEŞİL DUYSUŞ Z., ATEŞ S. M., NEVRUZOĞLU V., TOMAKİN M., YÜZÜAK E., HACIOĞLU G., YILMAZ E. Ç., SÜLEYMAN F.
Nanoscience and Nanotechnology Conference of Turkey NanoTr13, 22 - 25 October 2017
- XIX. **Examination of the Biocompatibility of Nano-sized Ag Layer Prepared on Ti-6Al-4V by New Experimental Procedures**
YEŞİL DUYSUŞ Z., ATEŞ S. M., NEVRUZOĞLU V., TOMAKİN M., YÜZÜAK E., HACIOĞLU G., YILMAZ E. Ç., Süleyman F.
13th Nanoscience and Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017
- XX. **Examination of the Biocompatibility of Nano-sized Ag Layer Prepared on Ti-6Al-4V by New Experimental Procedures**
YEŞİL DUYSUŞ Z., ATEŞ S. M., NEVRUZOĞLU V., TOMAKİN M., YÜZÜAK E., Hacıoğlu G., Yılmaz E. Ç., Süleyman F.
13th Nanoscience and Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017, pp.71
- XXI. **Investigation of Characteristic Properties of Ag coated Ti-based Material by Cold Substrate Method”**
NEVRUZOĞLU V., YEŞİL DUYSUŞ Z., TOMAKİN M., YÜZÜAK E., ATEŞ S. M., Buldu İ., YILMAZ E. Ç., SÜLEYMAN F.
8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017
- XXII. **Examination of the Biocompatibility of Nano-sized Ag Layer Prepared on Ti-6Al-4V by New Experimental Procedures**
YEŞİL DUYSUŞ Z., ATEŞ S. M., NEVRUZOĞLU V., TOMAKİN M., YÜZÜAK E., Hacıoğlu G., Yılmaz E. Ç., Süleyman F.
13th Nanoscience and Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017, pp.71
- XXIII. **Examination of the Biocompatibility of Nano-sized Ag Layer Prepared on Ti-6Al-4V by New Experimental Procedures**
YEŞİL DUYSUŞ Z., ATEŞ S. M., NEVRUZOĞLU V., TOMAKİN M., YÜZÜAK E., Hacıoğlu G., Yılmaz E. Ç., Süleyman F.
13th Nanoscience and Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017, pp.71
- XXIV. **Investigation of Characteristic Properties of Ag coated Ti-based Material by Cold Substrate Method**
NEVRUZOĞLU V., YEŞİL DUYSUŞ Z., TOMAKİN M., YÜZÜAK E., ATEŞ S. M., Buldu İ., Yılmaz E. Ç., Süleyman F.
8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.145
- XXV. **Investigation of Characteristic Properties of Ag coated Ti-based Material by Cold Substrate Method**
NEVRUZOĞLU V., YEŞİL DUYSUŞ Z., TOMAKİN M., YÜZÜAK E., ATEŞ S. M., Buldu İ., Yılmaz E. Ç., Süleyman F.
8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.145
- XXVI. **Investigation of Characteristic Properties of Ag coated Ti-based Material by Cold Substrate Method**
NEVRUZOĞLU V., YEŞİL DUYSUŞ Z., TOMAKİN M., YÜZÜAK E., ATEŞ S. M., Buldu İ., Yılmaz E. Ç., Süleyman F.
8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.145
- XXVII. **Au/n-ZnO/p-Si/Al Heterojunction Diode by Sol-Gel Method**
KESKENLER E. F., Öztürk G., TOMAKİN M., NEVRUZOĞLU V.
1st International Physics Conference at the Anatolian Peak, Erzurum, Turkey, 25 - 27 February 2016, pp.207
- XXVIII. **Effects of High Boron Doping on CdS Thin Films Prepared by Chemical Bath Deposition Method**
Bozali F., TOMAKİN M., NEVRUZOĞLU V., ONUK Z., KESKENLER E. F.
1st International Physics Conference at the Anatolian Peak, Erzurum, Turkey, 25 - 27 February 2016, pp.194
- XXIX. **Effects of High Boron Doping on CdS Thin Films Prepared by Chemical Bath Method**
Bozali F., TOMAKİN M., NEVRUZOĞLU V., ONUK Z., KESKENLER E. F.
International Physics Conference at the Anatolian Peak, 25 - 27 February 2016
- XXX. **Na Doped n CdS p Si Solar Cell**
ÖZTÜRK G., NEVRUZOĞLU V., KESKENLER E. F., TOMAKİN M.
International Physics Conference at the Anatolian Peak, 25 - 27 February 2016, pp.69
- XXXI. **Na Doped n-CdS/p-Si Solar Cell**
Öztürk G., NEVRUZOĞLU V., KESKENLER E. F., TOMAKİN M.
1st International Physics Conference at the Anatolian Peak, Erzurum, Turkey, 25 - 27 February 2016, pp.69

- XXXII. **Effects of High Boron Doping on CdS Thin Films Prepared by Chemical Bath Deposition Method**
Bozali F., TOMAKİN M., NEVRUZOĞLU V., ONUK Z., KESKENLER E. F.
1st International Physics Conference at the Anatolian Peak, Erzurum, Turkey, 25 - 27 February 2016, pp.194
- XXXIII. **Au n ZnO p Si Al Heterojunction Diode by Sol gel Method**
KESKENLER E. F., Öztürk G., TOMAKIN M., NEVRUZOGLU V.
International Physics Conference at the Anatolian Peak, 25 - 27 February 2016
- XXXIV. **Investigation of Some Physical Properties of Boron Doped CdS Thin Films Irradiated with Cs 137**
Bozali F., TOMAKİN M., KESKENLER E. F., BAYAZIT T., NEVRUZOĞLU V.
International Physics Conference at the Anatolian Peak, 25 - 27 February 2016
- XXXV. **Investigation of Some Physical Properties of Boron Doped CdS Thin Films Irradiated with Cs-137**
Bozali F., TOMAKİN M., KESKENLER E. F., Bayazit T., NEVRUZOĞLU V.
1st International Physics Conference at the Anatolian Peak, Erzurum, Turkey, 25 - 27 February 2016, pp.195
- XXXVI. **Structural and Optical Properties of ZnO Thin Films Prepared on Different Substrates by Ultrasonic Spray Pyrolysis Method**
Bingöl E., TOMAKİN M., KESKENLER E. F., Bozali F., NEVRUZOĞLU V.
International Physics Conference at the Anatolian Peak, 25 - 27 February 2016, pp.196
- XXXVII. **Structural and Optical Properties of ZnO Thin Films Prepared on Different Substrates by Ultrasonic Spray Pyrolysis Method**
Bingöl E., TOMAKİN M., KESKENLER E. F., Bozali F., NEVRUZOĞLU V.
1st International Physics Conference at the Anatolian Peak, Erzurum, Turkey, 25 - 27 February 2016, pp.196
- XXXVIII. **Influence of Precursor Solution on Structural and Optical Properties of ZnO Thin Films Prepared by Ultrasonic Spray Pyrolysis Method**
Bingöl E., TOMAKİN M., NEVRUZOĞLU V., Bozali F., KESKENLER E. F.
International Physics Conference at the Anatolian Peak, 25 - 27 February 2016
- XXXIX. **Influence of Precursor Solution on Structural and Optical Properties of ZnO Thin Films Prepared by Ultrasonic Spray Pyrolysis Method**
Bingöl E., TOMAKİN M., NEVRUZOĞLU V., Bozali F., KESKENLER E. F.
1st International Physics Conference at the Anatolian Peak, Erzurum, Turkey, 25 - 27 February 2016, pp.197
- XL. **Au/n-ZnO/p-Si/Al Heterojunction Diode by Sol-Gel Method**
KESKENLER E. F., Öztürk G., TOMAKİN M., NEVRUZOĞLU V.
1st International Physics Conference at the Anatolian Peak, Erzurum, Turkey, 25 - 27 February 2016, pp.207
- XLI. **Metal-Organic Frameworks Improve the Stability of Solar Cells**
NEVRUZOĞLU V., DEMİR S., Karaca G., TOMAKİN M., Bilgin N., YILMAZ F.
Physical-Chemical Problems of Renewable Energy, 11 International Conference, St Petersburg, Russia, 16 - 18 November 2015, pp.199-200
- XLII. **Effects of Co Doping and Annealing on CdS Thin Films Deposited Chemical Bath Method.**
ONCEL Y., TOMAKİN M., KESKENLER E. F., NEVRUZOĞLU V., ONUK Z.
31th International Physics Congress, Muğla, Turkey, 21 - 24 July 2014, pp.407
- XLIII. **Synthesis and Characterization of Na-doped CdS Films**
NEVRUZOĞLU V., TOMAKİN M., KESKENLER E. F., ONUK Z., Karaca G., BEDİR A.
International Semiconductor Science & Technology Conference, İstanbul, Turkey, 13 - 15 January 2014, pp.106
- XLIV. **Structural, Optical and Electrical Properties of Cd_{1-x}CoxS Thin Films Prepared by Chemical Bath Deposition Method**
ÖNCEL Y., ONUK Z., KESKENLER E. F., NEVRUZOĞLU V., TOMAKİN M.
International Semiconductor Science & Technology Conference, İstanbul, Turkey, 13 - 15 January 2014, pp.92
- XLV. **Determination of Linear Attenuation Coefficients of Polyethylene Samples with Boron and Barite Additives**
BALTAŞ H., Kuloğlu E., KIRIŞ E., Nevruzoğlu V.
Turkish Physics Society, 30th International Physics Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.54
- XLVI. **CdS-Pb İkili Yapılarının Sentezi ve Karakterizasyonu**
NEVRUZOĞLU V., Karaca G., KESKENLER E. F., TOMAKİN M.

30th International Physics Congress, İstanbul, Turkey, 2 - 05 September 2013, pp.434

- XLVII. **Photostimulated Processes in Boron-doped CdS and CdS-Cu₂S Structures**
NEVRUZOĞLU V., TOMAKİN M., KESKENLER E. F., ONUK Z., Karaca G.
Solar Energy for World Peace, İstanbul, Turkey, 17 - 19 August 2013, pp.183
- XLVIII. **Photostimulated Processes in Boron-doped CdS and CdS-Cu₂S Structures**
NEVRUZOĞLU V., TOMAKİN M., KESKENLER E. F., ONUK Z., Karaca G.
4th International Solar Energy for World Peace Congress, İstanbul, Turkey, 17 - 19 August 2013, pp.183
- XLIX. **Effect of substrate temperature (<300) and post deposition annealing on the properties of evaporated CdS thin films**
TOMAKİN M., POLAT I., YILMAZ S., NEVRUZOĞLU V., BACAĞSIZ E., ALTUNBAS M.
Türk Fizik Derneği 27. Uluslararası Fizik Kongresi, İstanbul, Turkey, 14 - 17 September 2010, pp.256
- L. **Computer Controlled Solar House For Measurement Rize City Solar Energy Potansiel**
ŞAHİN M. E., NEVRUZOĞLU V.
2nd International Conference on Nuclear & Renewable Energy Resources, Ankara, Turkey, 4 - 07 July 2010, vol.1, pp.310-314
- LI. **İnce Film Örneklerinin Soğuk Altlık Tekniği İle Üretimi**
NEVRUZOĞLU V., GÖRÜR O., TOMAKİN M., BAYRAMOV A. İ.
İleri Teknolojiler Çalıştayı ve Sergisi, Kocaeli, Turkey, 30 April 2010, pp.97-103
- LII. **Computer controlled solar house for measurement rize city solar energy potantial**
ŞAHİN M. E., NEVRUZOĞLU V.
NURER, 1 July - 05 January 2010
- LIII. **Rize İli için Tasarlanmış Bilgisayar Kontrollü Güneş Evi Modeli**
ŞAHİN M. E., NEVRUZOĞLU V., ŞENYURT Ö.
Ulusal Hidrojen Enerjisi Kongresi ve Sergisi(Uluslararası Katılımlı), Kocaeli, Turkey, 15 - 16 October 2009, vol.1, pp.273-278
- LIV. **Computer Controlled Solar House**
Şenyurt Ö., NEVRUZOĞLU V., ŞAHİN M. E.
Balkan Physical Union 2ND International Physics Project Competition For University, Bodrum, Turkey, 18 - 20 August 2008, pp.101
- LV. **Sulfur evaporation and oxidation in Cd_{1-x}Zn_xS thin films after annealing**
TOMAKİN M., NEVRUZOĞLU V., BACAĞSIZ E., CELİK S., ALTUNBAS M.
Türk Fizik Derneği 25. Uluslararası Fizik Kongresi, İstanbul, Turkey, 25 - 29 August 2008, pp.513
- LVI. **Pasif katmanlı ZnSCu p-n elemelerin hazırlanması ve incelenmesi**
NEVRUZOĞLU V., TOMAKİN M., KÜÇÜKÖMEROĞLU T., BACAĞSIZ E., GÖRÜR O., ALTUNBAŞ M., OKUMUŞOĞLU N. T.
Geleneksel Erzurum Fizik Günleri II konferansı, Erzurum, Turkey, 25 - 28 May 2005, pp.20
- LVII. **Photo-electronic properties of Cu-doped CdS thin films**
Dzhafarov T., NEVRUZOĞLU V., AYDIN S., ALTUNBAŞ M., ÖREN D., TOMAKİN M.
International Workshop: Quantum Particles, Fields and Strings, Baku, Azerbaijan, 20 - 24 September 2004, vol.10, pp.91-94
- LVIII. **Photo-electronic properties of Cu-doped CdS thin films", ", 91-94, Eylül 2004, Bakü, Azerbaycan**
DZHAFAROV T., NEVRUZOĞLU V., Aydın S., ALTUNBAS M., Ören D., TOMAKİN M.
International Workshop: Quantum Particles, Fields and Strings, Baku, Azerbaijan, 20 - 24 September 2004, vol.X, no.4, pp.91-94
- LIX. **İnce film örneklerin soğuk altlık tekniğiyle üretimi**
TOMAKİN M., NEVRUZOĞLU V., BACAĞSIZ E., ALTUNBAŞ M., ÇELİK Ş., OKUMUŞOĞLU N. T.
Türk Fizik Derneği 22. Fizik Kongresi konferansı, Bodrum, Turkey, 14 - 17 September 2004, pp.496
- LX. **Işınlamanın CdS ince filme ve CdS/CdTe güneş piline etkisi**
BACAĞSIZ E., NEVRUZOĞLU V., Altunbaş M., YANMAZ E., ÖZTÜRK K., TOMAKİN M., A İ K.
21. Fizik Kongresi konferansı, Isparta, Turkey, 11 - 14 September 2002, pp.408
- LXI. **In katkısının CdS ince filme ve CdS/CdTe güneş piline etkisi**
BACAĞSIZ E., NEVRUZOĞLU V., ALTUNBAŞ M., Görür O., ÖZTÜRK K., TOMAKİN M., Yanmaz E., Kobya A. İ.

Türk Fizik Derneği 21. Fizik Kongresi konferansı, Isparta, Turkey, 11 - 14 September 2002, pp.404

- LXII. **Physical Properties of CdS and Cd_{1-x}Zn_xS Films and Heterojunctions on Their Basis**
Bayramov A. I., Dzhafarov T. D., NEVRUZOĞLU V., Nadzhafov H. I., Rzakuliev N. A.
Satellite Conference of The XXX Annual Meeting of The European High Pressure Research Group, Baku, Azerbaijan, 12 October - 14 November 1992, pp.46-47
- LXIII. **Sodyum safsızlığının inçe film Cd_{1-x}Zn_xS -ün bazı özelliklerine etkisi**
Bayramov A. I., Dzhafarov T. D., Nadzhafov H. I., NEVRUZOĞLU V., Rzakuliyev N. A.
International Conference Kalkojenit Yarıiletken Malzemeler, Cernovsi, Ukraine, 5 - 10 October 1991, pp.192
- LXIV. **Cu₂S-Cd_{1-x}Zn_xS heteroçitlerin fotoelektrik özellikleri**
Bayramov A. I., Dzhafarov T. D., Nadzhafov H. I., NEVRUZOĞLU V.
International Conference Fotovoltaik güneş pilleri, Baku, Azerbaijan, 20 - 23 August 1991, pp.11
- LXV. **CdS ve CdS temelinde oluşturulmuş yapılarda fotouyarmalı süreçler**
Bayramov A. I., Dzhafarov T. D., NEVRUZOĞLU V.
International Conference ,Elektronik Teknolojilerinde Düşük Sıcaklık Süreçleri konferansı, İjevsk,Udmurtya, Russia, 4 - 07 June 1990, pp.75
- LXVI. **Cu₂S-CdS heteroçitlerde bozulma süreçleri**
Bayramov A. I., Dzhafarov T. D., NEVRUZOĞLU V., Fariver U. G., Abutalıbov G. I.
International Meeting On Photoelektrical Phenomena In Solit State konferansı, Varna, Bulgaria, 8 - 13 October 1989, pp.107

Supported Projects

NEVRUZOĞLU V., ILIK B., Project Supported by Higher Education Institutions, CdTe İnce Filmlerin Soğuk Altlık Yöntemiyle Üretilmesi ve Karakteristik Özelliklerinin İncelenmesi, 2021 - Continues

DİZMAN S., YEŞİLKANAT C. M., NEVRUZOĞLU V., AKDEMİR T., KESER R., BAL E., Project Supported by Higher Education Institutions, Artvin İli Borçka ve Şavşat Karagöllerinde Radyoaktivite ve Ağır Metal Düzeylerinin Araştırılması ve Dağılımlarının Haritalandırılması, 2019 - 2020

Nevruzoğlu V., Tomakin M., Ateş S. M., TUBITAK Project, Metal Organik Kafes Yapı Destekli Yeni Nesil İmplantların Üretilmesi, 2018 - 2020

ALTUNTAŞ M., NEVRUZOĞLU V., BERİŞ F. Ş., TOMAKİN M., KARAN Y., Project Supported by Higher Education Institutions, Polimer Temelli Sütürlerin Soğuk Altlık Yöntemi ile Kaplanması ve Biyofiziksel Özelliklerinin İncelenmesi, 2018 - 2020

YEŞİL DUYMUŞ Z., NEVRUZOĞLU V., TOMAKİN M., ATEŞ S. M., YÜZÜAK E., Project Supported by Higher Education Institutions, Soğuk altlık tekniğiyle titanyum esaslı malzemelerin gümüş kaplanarak biyoyumluluklarının değerlendirilmesi, 2017 - 2018

Yüzüak E., Yeşil Duymuş Z., Ateş S. M., Nevruzoğlu V., Tomakin M., TUBITAK Project, Soğuk altlık tekniğiyle gümüş kaplanan titanyum esaslı malzemelerin biyoyumluluklarının incelenmesi, 2016 - 2018

Demir S., Yılmaz F., Nevruzoğlu V., TUBITAK Project, Metal-Organik Kafes Yapılar ve Enerji Uygulamaları, 2013 - 2015

Patent

Tomakin M., Nevruzoğlu V., Altuntaş M., Beriş F. Ş., Karan Y., Mekanik ve antibakteriyel özellikleri artırılmış polimer temelli emilebilir cerrahi sütürlerin eldesi için kaplama yöntemi, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2018/11733 , Standard Registration, 2022

Nevruzoğlu V., Demir S., Bakır Deposu Olarak Kullanılan Kafes Yapılara Sahip Güneş Pilleri Ve Üretimi, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2018 01834 , Standard Registration, 2022

Tomakin M., Nevruzoğlu V., Yüzüak E., Eren H., Demir Y., Altuntaş M., Ovalı R. V., Bir ürünler sistem taş fragmantasyon yöntemi, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2019/02287 , Standard Registration, 2022

Tomakin M., Nevruzoğlu V., Biyouyu katmanların soguk altlık yöntemiyle olusturulması, Patent, CHAPTER A Human

Needs, The Invention Registration Number: TR 2017 21238 B , Standard Registration, 2021
Tomakin M., Nevruzođlu V., Yeřil Duymuř Z., Ateř S. M., Demir S., Beriř F. ř., RIMPLANT, Trademark, CHAPTER A Human Needs, The Invention Registration Number: 2021 039545 , Standard Registration, 2021
Nevruzođlu V., Demir S., Yeřil Duymuř Z., Ateř S. M., Çađlar İ., Tomakin M., Beriř F. ř., DENTAL IMPLANT WITH ANTIBACTERIAL/ ANTIMICROBIAL PROPERTY HAVING METAL-ORGANIC FRAMEWORK (MOF) STRUCTURE AND PRODUCTION METHOD THEREOF, Patent, CHAPTER A Human Needs, The Invention Recourse Number: PCT/TR2020/051391 , Standard Registration, 2020
Nevruzođlu V., Demir S., Yeřil Duymuř Z., Tomakin M., Çađlar İ., Ateř S. M., Metal organik kafes (mof) kaplamalı bir dental implant ve bunun üretim yöntemi, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2020/18630 , Standard Registration, 2020
Tomakin M., Nevruzođlu V., Bal Altuntař D., Güneř pillerinde geri dönüşüm uygulamaları., Patent, CHAPTER G Physics, The Invention Registration Number: TR 2018 03808 B , Standard Registration, 2020
Nevruzođlu V., Demir S., Yeřil Duymuř Z., Tomakin M., Beriř F. ř., Ateř S. M., Metal-organik kafes (mof) yapı içeren antibakteriyel/antimikrobiyal özellikli dental implant ve bunun üretim yöntemi., Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2019/23108 , Standard Registration, 2019
NEVRUZOĐLU V., ÖZEN KARSLI S., Pileki tařı'ndan yeni nesil tuđla üretimi, Patent, CHAPTER G Physics, 2018
NEVRUZOĐLU V., Mutfak dođalgaz ocakları için ayarlanabilir ızgara tasarımı, Patent, CHAPTER A Human Needs, 2017
NEVRUZOĐLU V., Alternatif Katı Biyoyakıtların Atık Çay Çalıřından Üretimi, Patent, CHAPTER G Physics, 2014
Nevruzođlu V., Caferov T., Fotovoltaik Aygıt Üretimi, Patent, CHAPTER G Physics, The Invention Registration Number: 1371460 , Standard Registration, 1987
Nevruzođlu V., Selektif Fotoalıcı Üretimi, Patent, CHAPTER G Physics, The Invention Registration Number: 1301249 , Standard Registration, 1986

Metrics

Publication: 90
Citation (WoS): 102
Citation (Scopus): 103
H-Index (WoS): 5
H-Index (Scopus): 5

Awards

řatrođlu Ö., Nevruzođlu V., Tümkaya L., Mercantepe T., Manır M., BİYOTEKNOLOJİ İNOVASYON YARIřMASI FİNALİST, Teknofest, September 2022
Demir S., Nevruzođlu V., Yeřil Duymuř Z., Tomakin M., Beriř F. ř., Çađlar İ., Ateř M. S., Verimlilik Proje Ödülleri 2021, T.C. Sanayi Ve Teknoloji Bakanlıđı , June 2022
Demir S., Nevruzođlu V., Yılmaz F., Proje Performans Ödülü, Tübitak, December 2018

Visual Activities

NEVRUZOĐLU V., Radio Program, 2018 - 2018
NEVRUZOĐLU V., Radio Program, 2017 - 2017