

Assoc. Prof. Banu SÜNGÜ MISIRLIOĞLU

Personal Information

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Education Information

Doctorate, Yildiz Technical University, Graduate School of Natural and Applied Sciences, Fizik Bölümü, Turkey 2000 - 2006

Postgraduate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Fizik Bölümü, Turkey 1997 - 2000

Undergraduate, Yildiz Technical University, Faculty of Arts & Science, Department of Physics, Turkey 1993 - 1997

Research Areas

Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Natural Sciences

Academic Titles / Tasks

Associate Professor, Yildiz Technical University, Fizik Bölümü, 2017 - Continues

Research Assistant PhD, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik, 2006 - 2017

Research Assistant, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 1998 - 2006

Courses

MODERN FİZİĞE GİRİŞ, Undergraduate, 2019 - 2020

Fizik 2 (Eğitim Fakültesi), Undergraduate, 2018 - 2019

Fizik2 (Hava Harp Okulu), Undergraduate, 2018 - 2019

KATIHAL FİZİĞİ II, Undergraduate, 2019 - 2020

Fizik 2 Grup 38, Undergraduate, 2018 - 2019

Fizik 1 Grup 40, Undergraduate, 2018 - 2019

Fizik 2 Grup 22, Undergraduate, 2017 - 2018

Fizik 2 Grup 37, Undergraduate, 2017 - 2018

Fizik 1 Grup 55, Undergraduate, 2018 - 2019

Fizik 1 Grup13, Undergraduate, 2018 - 2019

Advising Theses

Süngü Mısırlıoğlu B., KOBALT FERRİT TEMELLİ NANOKOMPOZİTLERİN ELEKTRİK VE MANYETİK ÖZELLİKLERİ,

Postgraduate, V.KURT(Student), Continues

jury memberships

Post Graduate, Yüksek Lisans Jürisi, Namık Kemal Üniversitesi, June, 2019

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

- I. **Dielectric and magnetic properties of CuFe₂O₄/ CuO nanocomposites**
Kılıç M., Kahya N. D. , Süngü Mısırlıoğlu B., Çakır Ö., Güven Özdemir Z.
Ferroelectrics, vol.571, no.1, pp.183-189, 2021 (Journal Indexed in SCI)
- II. **Assessment of structural and cytotoxic properties of cobalt ferrite nanoparticles for biomedical applications**
SÜNGÜ MISIRLIOĞLU B., ÇAKIR Ö., ÇALIK H., Cakir-Koc R.
INORGANIC AND NANO-METAL CHEMISTRY, 2020 (Journal Indexed in SCI)
- III. **A transition in the electrical conduction mechanism of CuO/CuFe₂O₄ nanocomposites**
Ozdemir Z. G. , Kılıç M., Karabul Y., Misirlioglu B., Çakır Ö., Kahya N. D.
JOURNAL OF ELECTROCERAMICS, vol.44, pp.1-15, 2020 (Journal Indexed in SCI)
- IV. **MWCNT induced negative real permittivity in a copolyester of BisphenolA with terephthalic and isophthalic acids**
Güven Özdemir Z., Şakar Daşdan D., Kavak P., Pionteck J., Pötschke P., Voit B., Süngü Mısırlıoğlu B.
MATERIALS RESEARCH EXPRESS, vol.7, no.1, pp.1-16, 2020 (Journal Indexed in SCI)
- V. **Improved Dielectric and Electrical Properties of PANI Achieved by Using Low Cost Mineral Additive**
Kılıç M., Karabul Y., Ozdemir Z., Misirlioglu B., İçelli O.
IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION, vol.26, pp.300-307, 2019 (Journal Indexed in SCI)
- VI. **Structural analysis and dielectric relaxation mechanism of conducting polymer/volcanic basalt rock composites**
Bulgurcuoğlu A. E. , Karabul Y., Kılıç M., Ozdemir Z., Erdonmez S., Misirlioglu B. S. , Okutan M., İçelli O.
Materials Science- Poland, 2019 (Journal Indexed in SCI Expanded)
- VII. **Polyvinyl Alcohol/EuBa₂Ca₂Cu₃O_{9-x} Composites: Dielectric and Mechanical Properties**
Süngü Mısırlıoğlu B., Ozdemir Z., Aksakal B., Salt Y., Tırnakçı B., Denктаş C.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.28, pp.1968-1979, 2018 (Journal Indexed in SCI)
- VIII. **Synthesis and characterization of EuBa₂Ca₂Cu₃O_{9-x}: The influence of temperature on dielectric properties and charge transport mechanism**
Ozdemir Z., Kılıç M., Karabul Y., Misirlioglu B., Cataltepe O. A. , İçelli O.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.63, pp.196-202, 2017 (Journal Indexed in SCI)
- IX. **Kinetic Studies of the Adsorption of Chlorinated Hydrocarbons Onto Phthalocyanine Thin Film**
MISIRLIOGLU B., OZDEMIR O., ALTINDAL A.
IEEE SENSORS JOURNAL, vol.17, no.1, pp.121-126, 2017 (Journal Indexed in SCI)
- X. **Vacancy Induced Energy Band Gap Changes of Semiconducting Zigzag Single Walled Carbon Nanotubes**
DERELİ G., Eyecioglu O., SÜNGÜ MISIRLIOĞLU B.
ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, vol.17, no.3, pp.11-18, 2017 (Journal Indexed in SCI)
- XI. **Optical Properties of Polyaniline Synthesized by Oxidative Polymerization and Electrical Characterization of Ag/PANI/PEDOT:PSS/Ag Structures**
Misirlioglu B., SERİN M., Kuruoglu F., Dasdan D.
JOURNAL OF NANO ELECTRONICS AND OPTOELECTRONICS, vol.11, no.2, pp.219-224, 2016 (Journal Indexed in SCI)
- XII. **Dielectric relaxation in camphorsulfonic acid-doped polyaniline thin film**
SÜNGÜ MISIRLIOĞLU B., KARAMAN F., UĞRAŞKAN V., SERİN M., YAZICI Ö.
Journal Of Optoelectronics And Advanced Materials, vol.17, pp.1874-1879, 2015 (Journal Indexed in SCI Expanded)

- XIII. **Strain modulated band gaps of semiconducting zigzag single walled carbon nanotubes**
DERELİ G., EYECİOĞLU Ö., SÜNGÜ MISIRLIOĞLU B.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.17, pp.918-924, 2015 (Journal Indexed in SCI Expanded)
- XIV. **A new lower limit for the bond breaking strains of defect-free carbon nanotubes: Tight binding MD simulation study**
Dereli G., Misirlioglu B., Eyecioglu O., Vardar N.
COMPUTATIONAL MATERIALS SCIENCE, vol.69, pp.234-242, 2013 (Journal Indexed in SCI)
- XV. **Thermal stability of metallic single-walled carbon nanotubes: an O(N) tight-binding molecular dynamics simulation study**
Dereli G., Suengue B., Oezdogan C.
NANOTECHNOLOGY, vol.18, no.24, 2007 (Journal Indexed in SCI)
- XVI. **Temperature dependence of the tensile properties of single-walled carbon nanotubes: O(N) tight-binding molecular-dynamics simulations**
Dereli G., Sungu B.
PHYSICAL REVIEW B, vol.75, no.18, 2007 (Journal Indexed in SCI)
- XVII. **The effect of Ag photodiffusion on characteristics of Ag-CdS diode structures**
Dzhafarov T., Serin M., Oren D., Sungu B., Sadigov M.
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.32, no.5, 1999 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Vacancy Effect on the Thermal and Tensile Stability of (10,10) Single Walled Carbon Nanotube**
SÜNGÜ MISIRLIOĞLU B., Eyecioglu Ö.
Balkan Physics Letters, vol.18, no.181023, pp.171-179, 2010 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Some Recent and Remarkable Applications of Carbon Nanotube and Graphene Based Materials**
Süngü Mısırlıoğlu B., Güven Özdemir Z.
in: Concept, Property and Application of Micro/Nanostructured Materials, Jinjin Li, Sen Du, Editor, NOVA Science Publishers Inc., New-York, pp.21-65, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **THE EFFECT OF COBALT DOPING ON THE CYTOTOXICITY OF IRON OXIDE NANOPARTICLES ON FIBROBLAST AND GASTRIC CANCER CELLS**
Çalık H., Çakır Koç R., Kahya N. D., Kurt V., Süngü Mısırlıoğlu B., Çakır Ö.
TURKISH PHYSICAL SOCIETY 37TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 1 - 05 September 2021, pp.121
- II. **The Structural and Magnetization Analysis of Co substituted Iron Oxide Nanoparticles**
Kurt V., Çakır Ö., Kahya N. D., Süngü Mısırlıoğlu B.
8th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2021), Hatay, Turkey, 14 - 16 July 2021, pp.161
- III. **Metal/Insulating Poly(vinyl acetate) Latex with Silicon Surfactant /Si MIS Structure**
Çalışkan M., Kuruoğlu F., Süngü Mısırlıoğlu B., Serin M., Yılmaz M., Saraç Özkan A.
Turkish Physical Society 35rd International Physical Congress, MUĞLA, Turkey, Muğla, Turkey, 4 - 08 September 2019, pp.344-0

- IV. **A Comparison Study of Synthesis and Structural Analyses of Magnesium Oxide Doped Cobalt Ferrite Nanocomposites**
Kurt V., Süngü Mısırlıoğlu B., Çakır Ö., Kahya N. D. , Aşıkoğlu Bozkurt A.
Turkish Physical Society 35rd International Physical Congress, Muğla, Turkey, 4 - 08 September 2019, pp.185-0
- V. **Structural Flexibility of Zigzag Single Walled Carbon Nanotubes**
Dereli G., Süngü Mısırlıoğlu B., Vardar N., Eyecioğlu Ö.
21. İstatistiksel Fizik Günleri, Kayseri, Turkey, 19 - 21 June 2014, pp.32
- VI. **Complex Impedance and Ac Conductivity Analyze of Ceramic Doped Poly(Vinil Alcohol) Composites**
Süngü Mısırlıoğlu B., Güven Özdemir Z., Salt Y., Tırnakçı B.
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), Kırklareli, Turkey, 20 - 22 September 2018, pp.155
- VII. **Complex Electrical Modulus Spectra Analysis of Multi Walled Carbon Nanotube Doped Ardel Composites**
KAVAK P., SÜNGÜ MISIRLIOĞLU B., GÜVEN ÖZDEMİR Z., ŞAKAR DAŞDAN D., Pionteck J., Pötschke P., Voit B.
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), Kırklareli, Turkey, 20 September 2018, pp.144
- VIII. **Temperature Dependent Magnetization and Dielectric Properties Of Copper Ferrite/Copper Oxide Nano Composites**
Kılıç M., Güven Özdemir Z., Süngü Mısırlıoğlu B., Çakır Ö., Kahya N. D. , Acet M.
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), Kırklareli, Turkey, 20 - 22 September 2018, pp.156
- IX. **Adjustable AC Conductivity in ARDEL/MWCNT Composites**
Şakar Daşdan D., Süngü Mısırlıoğlu B., Güven Özdemir Z., Kavak P., Pionteck J., Pötschke P., Voit B.
4th International Conference on New Trends in Chemistry, Sankt-Peterburg, Russia, 11 - 13 May 2018, pp.79
- X. **EuBa₂Ca₂Cu₃O_{9-x} Ceramic Additive on Micro-Structural and Mechanical Properties of Polyvinil Alcohol (PVA)**
Güven Özdemir Z., Süngü Mısırlıoğlu B., Aksakal B., Tırnakçı B., Salt Y., Denkdaş C.
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 - 13 October 2017, pp.49
- XI. **Dielectric Spectra of Copper Ferrite/Copper Oxide Nano Composites**
Güven Özdemir Z., Kılıç M., Süngü Mısırlıoğlu B., Çakır Ö., Kahya N. D.
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 - 13 October 2017, pp.125
- XII. **Impedance Spectrum of Poly(vinyl acetate) Latex with Silicon Surfactant**
SÜNGÜ MISIRLIOĞLU B., Gülşen D., GÜVEN ÖZDEMİR Z., ÇALIŞKAN M., SARAÇ A., SERİN M.
Turkish Physical Society 33rd International Physical Congress, 6 - 10 September 2017, pp.616
- XIII. **THE IMPACT OF DIFFERENT TYPE OF ZEOLITES ON DIELECTRIC SPECTRUM OF POLYVINYL ALCOHOL**
DENKDAŞ C., GÜVEN ÖZDEMİR Z., SÜNGÜ MISIRLIOĞLU B., Yılmaz Baysoy D., SALT Y.
2nd International Conference on Viable Energy Trends (InVenT-2017), Helsinki, Finland, 28 April 2017, pp.189-197
- XIV. **Eu-Ba-Ca-Cu-O Perovskite Material as a Negative Temperature Coefficient Thermistor**
Güven Özdemir Z., Kılıç M., Karabul Y., Süngü Mısırlıoğlu B., Aslan Çataltepe Ö., İçelli O.
2nd International Congress on The World of Technology and Advanced Materials (WITAM-2016), Kırşehir, Turkey, 28 September - 02 October 2016, pp.160
- XV. **Temperature Dependence of Dielectric Properties and Electrical Conductivity of EuBa₂Ca₂Cu₃O_{9-x}**
Güven Özdemir Z., Kılıç M., Karabul Y., Süngü Mısırlıoğlu B., Aslan Çataltepe Ö., İçelli O.
2nd International Congress on The World of Technology and Advanced Materials (WITAM-2016), Kırşehir, Turkey, 28 September - 02 October 2016, pp.161
- XVI. **The Influence of Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) doping on the Impedance Spectra of NiPc Thin Films**
SÜNGÜ MISIRLIOĞLU B., Güven Özdemir Z., Altındal A.

- XVII. **The Effect of Dipole Moment of Analytes on the Response of Phthalocyanine Thin Films**
OZDEMIR O., MISIRLIOGLU B., ALTINDAL A.
9th International Physics Conference of the Balkan-Physical-Union (BPU), İstanbul, Turkey, 24 - 27 August 2015, vol.1722
- XVIII. **Tight Binding Molecular Dynamics Simulations of Vacancy Defected Single Walled Carbon Nanotubes**
Dereli G., Ferman Gülmez C., Süngü Mısırhoğlu B.
19. Ulusal Sıvihal Fizigi Sempozyumu, İstanbul, Turkey, 19 December 2015, pp.22
- XIX. **Second-order kinetic model for the adsorption of chlorinated hydrocarbons on ball-type phthalocyanine thin film**
SÜNGÜ MISIRLIOĞLU B., Altındal A.
International Conference on Nanoscience and Nanotechnology For Next Generation-NANONG2015, 01 October 2015
- XX. **Vacancy induced energy band gap changes of semiconducting zigzag single walled carbon nanotubes**
DERELİ G., SÜNGÜ MISIRLIOĞLU B., EYECİOĞLU Ö.
International Conference on Diamond and Carbon Materials–DIAM2015, Bad Homburg, Germany, 6 - 10 September 2015
- XXI. **Dye-sensitized solar cell based on ball type phthalocyanine dyes**
Erdönmez S., Süngü Mısırhoğlu B., Altındal A.
9th International Physics Conference of the Balkan Physical Union – BPU9, İstanbul, Turkey, 24 - 27 August 2015, pp.518
- XXII. **Electrical Characterization of Ag/Polyaniline (Pedot:PSS)/ITO Structure**
Süngü Mısırhoğlu B., Serin M., Kuruoğlu F., Şakar Daşdan D.
OEMT2015: First International Conference on Organic Electronic Material Technologies, Elazığ, Turkey, 25 - 28 March 2015, pp.226
- XXIII. **Heating Carbon Nanotubes: Tight Binding MD Simulations**
Dereli G., Süngü Mısırhoğlu B., Eyecioğlu Ö.
Graphene and Related Technologies: from Laboratory to Industry - 2014, İstanbul, Turkey, 13 - 14 October 2014, pp.44
- XXIV. **Thermal Study of Carbon Nanotubes: Tight-Binding Molecular Dynamics Simulations**
Dereli G., Süngü Mısırhoğlu B., Özdoğan C.
Türk Fizik Derneği 22. Fizik Kongresi, Muğla, Turkey, 14 - 17 September 2004, pp.161-168
- XXV. **Correlations between structural change and the electronic behavior of Carbon Nanotubes**
Dereli G., Vardar N., Eyecioğlu Ö., Süngü Mısırhoğlu B.
Türk Fizik Derneği 31.Uluslararası Fizik Kongresi, Muğla, Turkey, 21 - 24 July 2014, pp.154
- XXVI. **Tensile Elongation Limits of Defect-free Single Walled Carbon Nanotubes**
Dereli G., Süngü Mısırhoğlu B., Eyecioğlu Ö., Vardar N.
10th Nanoscience and Nanotechnology Conference NANOTR-10, İstanbul, Turkey, 21 - 24 July 2014, pp.333
- XXVII. **Performance Analysis Of Parallel Algorithms Used In Simulations of (7,7) Metallic Single Wall Carbon Nanotubes**
Dereli G., Eyecioğlu Ö., Vardar N., Süngü Mısırhoğlu B., Arı I.
17. Ulusal Sıvihal Fizigi Sempozyumu, İstanbul, Turkey, 13 - 14 December 2013, pp.1-2
- XXVIII. **Durability Simulations of (n,0) Zigzag SWCNTs by Tight-Binding Molecular Dynamics**
Dereli G., Vardar N., Eyecioğlu Ö., Süngü Mısırhoğlu B.
Türk Fizik Derneği 30.Uluslararası Fizik Kongresi, İstanbul, Turkey, 2 - 05 September 2013, pp.192
- XXIX. **Strain Energy of the (12,0) and (14,0) Carbon Nanotubes**
Dereli G., Eyecioğlu Ö., Süngü Mısırhoğlu B., Vardar N.
Türk Fizik Derneği 30.Uluslararası Fizik Kongresi, İstanbul, Turkey, 2 - 05 September 2013, pp.183
- XXX. **Vacancy Depended Band Gap Modification of Carbon Nanotubes**
Dereli G., Eyecioğlu Ö., Vardar N., Süngü Mısırhoğlu B.
9th Nanoscience and Nanotechnology Conference, Erzurum, Turkey, 24 - 28 June 2013, pp.230

- XXXI. **How far can you stretch the seamless carbon nanotubes?**
Dereli G., Sng Mısırhođlu B., Eyeciođlu ., Vardar N.
16. Ulusal Sıvıhal Fiziđi Sempozyumu, İstanbul, Turkey, 21 - 22 December 2012, pp.1
- XXXII. **Physical Characteristics of Carbon Nanotubes Under Tensile Elongations**
DERELİ G., SNG MISIRLIOđLU B.
Trk Fizik Derneđi 29.Uluslararası Fizik Kongresi, Bodrum, Turkey, 5 - 08 September 2012
- XXXIII. **Breaking Strains of Defect-free Carbon Nanotubes: Tight Binding MD Simulation study**
SNG MISIRLIOđLU B., Eyeciođlu ., Vardar N.
19. İstanbul İstatistiksel Fizik Gnleri, 01 June 2012
- XXXIV. **Tensile Stability of Topologically Defective Armchair and Zigzag Nanotubes**
Dereli G., Sng Mısırhođlu B., Eyeciođlu .
Turkish Physical Society 28th International Physics Congress, Bodrum-TURKEY, Muđla, Turkey, 6 - 09 September 2011, pp.267
- XXXV. **Karbon Nanotp Simlasyon Laboratuvarı 2003**
Dereli G., Sng Mısırhođlu B., Eyeciođlu ., Eyeciođlu N.
Fikirler Pazarı, İstanbul, Turkey, 24 - 25 May 2011, pp.55
- XXXVI. **The Effect of Vacancy Density on the Fracture of an Armchaired Carbon Nanotube**
SNG MISIRLIOđLU B., Eyeciođlu .
Trk Fizik Derneđi 27.Uluslararası Fizik Kongresi, 01 September 2010
- XXXVII. **Diameter Effect on the Tensile Properties of Defected Armchair Single Walled Carbon Nanotubes**
SNG MISIRLIOđLU B., Eyeciođlu .
17. İstanbul İstatistiksel Fizik Gnleri, 01 July 2010
- XXXVIII. **The Effect of Vacancies on the Mechanical Properties of (10.10) Single Walled Carbon Nanotubes**
Dereli G., Sng B., Eyeciođlu .
6. Nanobilim ve Nanoteknoloji Konferansı (NanoTR-VI), İzmir, Turkey, 15 - 18 June 2010, pp.399
- XXXIX. **Vacancy Effect On The Thermal Stability of 10 10 Single Walled Carbon Nanotubes**
DERELİ G., SNG B.
Trk Fizik Derneđi 26.Uluslararası Fizik Kongresi, bodrum, 24 - 27 September 2009
- XL. **Low Temperature Thermal Behaviour of Armchair Single Walled Carbon Nanotubes**
DERELİ G., SNG B.
16. İstanbul İstatistiksel Fizik Gnleri, Turkey, 25 - 27 June 2009
- XLI. **Diameter and Chirality Effect on the Thermal Expansion of Single Walled Carbon Nanotubes**
DERELİ G., SNG B.
5.Ulusal Nanobilim ve Nanoteknoloji Konferansı (NanoTR-V), Turkey, 8 - 12 June 2009
- XLII. **A Molecular Dynamics Study of the Young Modulus of Single Walled Carbon Nanotubes with Respect to Tube Radius**
DERELİ G., SNG B.
12. Ulusal Sıvıhal Fiziđi Sempozyumu, Turkey, 31 October - 02 November 2008
- XLIII. **Tensile Strength of Thermally Deformed Carbon Nanotubes**
DERELİ G., SNG B.
Turkish Physical Society 25th International Physical Congress, bodrum, Turkey, 25 - 29 September 2008
- XLIV. **Chirality Dependence of the Tensile Properties of Carbon Nanotubes**
DERELİ G., SNG B.
15. İstanbul İstatistiksel Fizik Gnleri, Turkey, 19 - 21 June 2008
- XLV. **High Temperature Chirality Effects on the Mechanical Properties of Single Walled Carbon Nanotubes**
DERELİ G., SNG B.
4.Nanobilim ve Nanoteknoloji Konferansı (NanoTRIV), Turkey, 9 - 13 June 2008
- XLVI. **Temperature Dependence of the Tensile Properties of Carbon Nanotubes**
DERELİ G., SNG B.
11. Ulusal Sıvıhal Fiziđi Sempozyumu, Turkey, 27 - 30 September 2007
- XLVII. **High Temperature Tensile Properties of Single Walled Carbon Nanotubes**

- DERELİ G., SÜNGÜ B.
NanoTR-III Nanoscience Nanotechnology Conference, Turkey, 11 - 14 June 2007
- XLVIII. **Temperature effect on the physical and electronic properties of Single Walled Carbon Nanotubes**
Dereli G., Suengue B., Eyecioglu O., Vardar N.
6th International Conference of the Balkan-Physical-Union, İstanbul, Turkey, 22 - 26 August 2006, vol.899, pp.381-0
- XLIX. **Temperature Effect in Streching the Single Walled Carbon Nanotubes**
DERELİ G., SÜNGÜ B.
X. Ulusal Sivihal Fiziği Sempozyumu, Turkey, 28 September - 01 October 2006
- L. **Tight Binding Molecular Dynamic Simulation of Single Walled Carbon Nanotubes Under Uniaxial Strain**
DERELİ G., SÜNGÜ B.
13. İstatistik Fizik Günleri, İstanbul, Turkey, 6 - 08 July 2006
- LI. **Mechanical Properties of Single Walled Carbon Nanotubes**
DERELİ G., SÜNGÜ B.
NanoTR-II Nanoscience and Nanotechnology 2006, Turkey, 3 - 05 May 2006
- LII. **Effects of Temperature on the Tensile Properties of Single Walled Carbon Nanotubes**
Dereli G., Süngü Mısırhoğlu B., Özdoğan C.
World Year of Physics 2005 Turkish Physical Society 23rd International Physics Congress, Muğla, Turkey, 13 - 16 September 2005, pp.505
- LIII. **How Strong are Single-Walled Carbon Nanotubes? Order (N) Tight-Binding MD Simulations of Carbon Nanotubes**
Dereli G., Özdoğan C., Süngü Mısırhoğlu B., Eyecioglu Ö.
NanoTR-I Nanoscience and Nanotechnology 2005,, Ankara, Turkey, 25 - 27 May 2005, pp.74-75
- LIV. **Thermal Study of (10,10) Carbon Nanotubes Using Tight-Binding Molecular Dynamics Simulations**
SÜNGÜ MISIRLIOĞLU B., Özdoğan C.
11. İstatistik Fizik Günleri, 01 June 2004
- LV. **CuInSe2-GaAs Fotopillerin Özellikleri**
Caferov T., Süngü Mısırhoğlu B., Sadıgov M., Bacaksız E.
Türk Fizik Derneği 18. Fizik Kongresi,, Adana, Turkey, 25 - 28 October 1999, pp.356
- LVI. **Fotodifüzyonun Ag-CdS Eklemlerinin Elektrik ve Fotoelektrik Özelliklerine Etkisi**
Caferov T., Serin M., Ören D., Süngü Mısırhoğlu B., Çevik U.
Türk Fizik Derneği 17. Fizik Kongresi,, Antalya, Turkey, 27 - 31 October 1998, pp.140

Supported Projects

Süngü Mısırhoğlu B., Kurt V., Project Supported by Higher Education Institutions, Kobalt Ferrit Temelli Nanokompozitlerin Manyetik Dielektrik ve Biyouyumluluk Özelliklerinin İncelenmesi, 2021 - 2022

GÜVEN ÖZDEMİR Z., KILIÇ M., KAHYA N. D. , ÇAKIR Ö., SÜNGÜ MISIRLIOĞLU B., Project Supported by Higher Education Institutions, BAKIR FERRİT TEMELLİ NANO KOMPOZİTLERİN ÜRETİMİ, DİELEKTRİK ve MANYETİK ÖZELLİKLERİNİN KARAKTERİZASYONLARI, 2017 - 2020

SÜNGÜ MISIRLIOĞLU B., TUBITAK Project, 2209/A -Üniversite Öğrencileri Yurt İçi Araştırma Projeleri Destek Programı- Kobalt Ferrit / Magnezyum Oksit Nanokompozitlerin Sentezi ve Yapısal Özelliklerinin Analizi", 2018 - 2019

CAN N., ÖZDEMİR O., KESKİN B., ALTINDAL A., SÜNGÜ MISIRLIOĞLU B., Project Supported by Higher Education Institutions, Pestisitlerin (Pesticides) Algılanmasına Yönelik Biyosensörlerin Geliştirilmesi, 2016 - 2019

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