

Prof. FUNDA ATALAY

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAA-4130-2021

Yoksis Researcher ID: 28800

Education Information

Doctorate, Inonu University, Fen Edebiyat Fakültesi, Katıhal Fiziği, Turkey 1994 - 2000

Postgraduate, Inonu University, Fen Edebiyat Fakültesi, Katıhal Fiziği, Turkey 1991 - 1994

Undergraduate, Inonu University, Fen Edebiyat Fakültesi, Fizik, Turkey 1987 - 1991

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazı $[CuCl_3]$ - Komplekslerinde Farklı Manyetik Etkileşmeler, Inonu University, Fen Edebiyat, Fizik, 2000

Postgraduate, İnce $YBa_2Cu_3O_{7-x}$ Üstüniletken Filimlerin Elektrokimyasal Olarak $SrTiO_3$ Taban Üzerinde Eldesi, Inonu University, Fen Edebiyat, Fizik, 1994

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Nanomaterials, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Inonu University, Fen Edebiyat, Fizik, 2012 - Continues

Associate Professor, Inonu University, Fen Edebiyat, Fizik, 2006 - 2012

Assistant Professor, Inonu University, Fen Edebiyat, Fizik, 2001 - 2006

Research Assistant, Inonu University, Fen Edebiyat, Fizik, 1992 - 2000

Academic and Administrative Experience

Courses

Supercapacitors, Postgraduate, 2022 - 2023
Electrochemical Impedance Spectroscopy, Doctorate, 2020 - 2021
Uzmanlık Alan Dersi, Postgraduate, 2016 - 2017
Elektrik, Undergraduate, 2016 - 2017
Manyetodirenç, Postgraduate, 2016 - 2017
Kompleks Fonks., Undergraduate, 2016 - 2017
Tez Yönetimi, Postgraduate, 2016 - 2017
Manyetodirenç, Undergraduate Double Major, 2016-2017
Uzmanlık Alan Dersi, Undergraduate Double Major, 2016-2017
Kompleks Fonks., Undergraduate, 2016-2017
Tez Yönetimi, Undergraduate Double Major, 2016-2017
Elektrik, Undergraduate, 2016-2017
Genel Fizik I (Mekanik), Undergraduate, 2013-2014
Genel Fizik II (Elektrik), Undergraduate, 2013-2014
Fizik için Matematik 2, Undergraduate, 2013-2014
Bitirme Çalışması, Undergraduate, 2013-2014
NANOMALZEMELER VE TEKNOLOJİLER, Undergraduate Double Major, 2012-2013
Genel Fizik II (Elektrik), Undergraduate, 2012-2013
Manyetik İnce Filimler ve Uygulamaları, Undergraduate Double Major, 2012-2013
Fizik için Matematik 2, Undergraduate, 2012-2013
Bitirme Çalışması, Undergraduate, 2012-2013
İstatistik Fizik, Undergraduate, 2012-2013
Mekanik, Undergraduate, 2012-2013
Çağdaş Fizik, Undergraduate, 2011-2012
Bitirme Çalışması, Undergraduate, 2011-2012
Elektrokimyasal Empedans Spektroskopisi, Undergraduate Minor, 2011-2012
Fizik için Matematik 2, Undergraduate, 2011-2012
İstatistik Fizik, Undergraduate, 2011-2012
Fizik için Matematik 2, Undergraduate, 2010-2011
İstatistik Fizik, Undergraduate, 2010-2011
NANOMALZEMELER VE TEKNOLOJİLER, Undergraduate Minor, 2010-2011
Elektrokimyasal Empedans Spektroskopisi, Undergraduate Minor, 2010-2011
Bitirme Çalışması, Undergraduate, 2010-2011
İstatistik Fizik, Undergraduate, 2009-2010
NANOMALZEMELER VE TEKNOLOJİLER, Undergraduate Minor, 2009-2010
Bitirme Çalışması, Undergraduate, 2009-2010
Genel Fizik I (Mekanik), Undergraduate, 2009-2010
İstatistik Fizik, Undergraduate, 2008-2009
Genel Fizik I (Mekanik), Undergraduate, 2008-2009
Fizik için Matematik 2, Undergraduate, 2008-2009
Bitirme Çalışması, Undergraduate, 2008-2009
Bitirme Çalışması, Undergraduate, 2007-2008
Fizik için Matematik 2, Undergraduate, 2007-2008
İstatistik Fizik, Undergraduate, 2007-2008
Genel Fizik I (Mekanik), Undergraduate, 2007-2008
İstatistik Fizik, Undergraduate, 2006-2007

Fizik için Matematik 2, Undergraduate, 2006-2007
Bitirme Çalışması, Undergraduate, 2006-2007
Kathal Manyetizması, Undergraduate Minor, 2005-2006
Bitirme Çalışması, Undergraduate, 2005-2006
Genel Fizik I (Mekanik), Undergraduate, 2005-2006
Genel Fizik I (Mekanik), Undergraduate, 2004-2005
Fizik için Matematik 2, Undergraduate, 2004-2005
Bitirme Çalışması, Undergraduate, 2004-2005
Genel Fizik II (Elektrik), Undergraduate, 2004-2005
Fizik için Matematik 2, Undergraduate, 2003-2004
Bitirme Çalışması, Undergraduate, 2003-2004
Genel Fizik II (Elektrik), Undergraduate, 2003-2004
Bitirme Çalışması, Undergraduate, 2002-2003
Genel Fizik II (Elektrik), Undergraduate, 2002-2003
Genel Fizik I (Mekanik), Undergraduate, 2002-2003
Bitirme Çalışması, Undergraduate, 2001-2002
Genel Fizik I (Mekanik), Undergraduate, 2001-2002
Fizik için Matematik 2, Undergraduate, 2001-2002
Genel Fizik II (Elektrik), Undergraduate, 2001-2002
Bitirme Çalışması, Undergraduate, 2000-2001

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Sol-gel synthesis of TiO₂ on Co₃O₄-coated sporopollenin exine microcapsules (SECs) and photocatalytic performance of new semiconductor heterojunction material**
Yilmaz H. C., ATALAY F., Kaya H., ERDEMOĞLU S.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.29, no.52, pp.78620-78636, 2022 (SCI-Expanded)
- II. **Juglans Sporopollenin for High-Performance Supercapacitor Electrode Design**
ATALAY F., Bingol A., Kaya H., Emre Y., Bas H. H., Culum A. A.
ACS OMEGA, vol.5, no.32, pp.20417-20427, 2020 (SCI-Expanded)
- III. **A Rapid Response Humidity Sensor for Monitoring Human Respiration with TiO₂-Based Nanotubes as a Sensing Layer**
ATALAY S., ERDEMOĞLU S., KOLAT V. S., İZGİ T., Akgeyik E., Yilmaz H. C., Kaya H., ATALAY F.
JOURNAL OF ELECTRONIC MATERIALS, vol.49, no.5, pp.3209-3215, 2020 (SCI-Expanded)
- IV. **Formation and Detection of Magnetic CoNiFe Nanowire Network Using Magnetoelastic Sensor**
Atalay S., Kaya H., Atalay F., Izgi T., Kolat V. S.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.32, no.12, pp.3907-3913, 2019 (SCI-Expanded)
- V. **The Use of Pistachio Pollen for the Production of Nanostructured Porous Nickel Oxide**
Atalay F., Yigit E., Biber Z. S., Kaya H.
NANO, vol.13, no.12, 2018 (SCI-Expanded)
- VI. **Magnetoelastic sensor for magnetic nanoparticle detection**
Atalay S., Kolat V. S., Atalay F., Bayri N., Kaya H., Izgi T.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.465, pp.151-155, 2018 (SCI-Expanded)
- VII. **Magnetoimpedance Effect on Single NiFe Nanowire**
ATALAY F., KAYA H., ATALAY S.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.30, no.7, pp.1795-1800, 2017 (SCI-Expanded)
- VIII. **La-Based Material for Energy Storage Applications**
ATALAY F., KAYA H., BINGOL A., ASMA D.
ACTA PHYSICA POLONICA A, vol.131, no.3, pp.453-456, 2017 (SCI-Expanded)
- IX. **Synthesis of NiO Nanostructures Using Cladosporium cladosporioides Fungi for Energy Storage**

Applications

ATALAY F., ASMA D., KAYA H., BINGOL A., YAYA P.

NANOMATERIALS AND NANOTECHNOLOGY, vol.6, 2016 (SCI-Expanded)

- X. **The fabrication of metal oxide nanostructures using *Deinococcus radiodurans* bacteria for supercapacitor**
ATALAY F., ASMA D., KAYA H., OZBEY E.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.38, pp.314-318, 2015 (SCI-Expanded)
- XI. **Magnetoresistance of Electrodeposited Co/Cu Multilayer Nanowires**
AVCU D., ATALAY F., ATALAY S., KAYA H., AYDOGMUS E.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.1115-1117, 2015 (SCI-Expanded)
- XII. **The Formation of Free Standing NiO Nanostructures on Nickel Foam for Supercapacitors**
ATALAY F., AYDOGMUS E., YIGIT H., AVCU D., KAYA H., ATALAY S.
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.224-226, 2014 (SCI-Expanded)
- XIII. **The Fabrication of NiO Microtubes Using *Bacillus subtilis* Bacteria**
ATALAY F., ASMA D., AYDOGMUS E., TURANCI H., KAYA H.
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.235-237, 2014 (SCI-Expanded)
- XIV. **Magnetoresistance of Electrochemically Produced NiFe and CoNiFe Nanowires**
AVCU D., ATALAY F., AYDOGMUS E., KAYA H., ATALAY S.
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.230-231, 2014 (SCI-Expanded)
- XV. **Magnetoimpedance Effects in Electrodeposited NiFe Nanowire Array**
AYDOGMUS E., KAYA H., ATALAY F., ATALAY S., AVCU D.
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.227-229, 2014 (SCI-Expanded)
- XVI. **Magnetoimpedance effects in a CoNiFe nanowire array**
ATALAY S., KAYA H., ATALAY F., AYDOGMUS E.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.561, pp.71-75, 2013 (SCI-Expanded)
- XVII. **Electrochemical Capacitance of Cobalt Oxide Nanotubes on Nickel Foam**
YAGMUR V., ATALAY F., KAYA H., AVCU D., AYDOGMUS E.
ACTA PHYSICA POLONICA A, vol.123, no.2, pp.215-217, 2013 (SCI-Expanded)
- XVIII. **Coil-Less Fluxgate Effect in Negatively Magnetostrictive Co_{72.5}Si_{12.5}B₁₅ Amorphous Wire**
ATALAY S., BAYRI N., FIDAN A., YAGMUR V., İZGİ T., ATALAY F., KOLAT V. S.
SENSOR LETTERS, vol.11, no.1, pp.195-198, 2013 (SCI-Expanded)
- XIX. **Torsion sensor based on the coil-less fluxgate effect**
ATALAY S., BAYRI N., FIDAN A., ATALAY F., YAGMUR V.
SENSORS AND ACTUATORS A-PHYSICAL, vol.178, pp.100-103, 2012 (SCI-Expanded)
- XX. **Coil-less fluxgate effect in CoNiFe/Cu wire electrodeposited under torsion**
ATALAY S., YAGMUR V., ATALAY F., BAYRI N.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.323, no.22, pp.2818-2822, 2011 (SCI-Expanded)
- XXI. **Nanowires of Lead-Free Solder Alloy SnCuAg**
ATALAY F., AVSAR D., KAYA H., YAGMUR V., ATALAY S., SEÇKİN T.
JOURNAL OF NANOMATERIALS, vol.2011, 2011 (SCI-Expanded)
- XXII. **Coil-less fluxgate effect in amorphous wires**
ATALAY S., BAYRI N., İZGİ T., ATALAY F., KOLAT V. S.
SENSORS AND ACTUATORS A-PHYSICAL, vol.158, no.1, pp.37-42, 2010 (SCI-Expanded)
- XXIII. **The synthesis of ferromagnetic La_{0.75}Ca_{0.25}MnO₃ nanowires by a sol-gel method**
ATALAY F., YAGMUR V., ATALAY S., KAYA H., TARI S., AVSAR D.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.12, no.2, pp.392-396, 2010 (SCI-Expanded)
- XXIV. **Magnetic and magnetoimpedance properties of Mn-doped FINEMET**
KOLAT V. S., BAYRI N., MICHALIK S., İZGİ T., SOVAK P., ATALAY F., GENÇER H., ATALAY S.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.355, pp.2562-2566, 2009 (SCI-Expanded)
- XXV. **Effect of tensile stress on magnetoimpedance properties of CoNiFe/Cu wire**
BAYRI N., KOLAT V. S., KAYA H., ATALAY F., İZGİ T., ATALAY S.

- JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.42, no.17, 2009 (SCI-Expanded)
- XXVI. **Influences of deposition time and pH on magnetic NiFe nanowires fabrication**
Atalay F., Kaya H., ATALAY S., Tari S.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.469, pp.458-463, 2009 (SCI-Expanded)
- XXVII. **Fluxgate effect in twisted magnetic wire**
BUTTA M., RIPKA P., ATALAY S., ATALAY F., Li X. P.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.320, no.20, 2008 (SCI-Expanded)
- XXVIII. **Magnetoimpedance effect of current-annealed CoNiFe/Cu microtubes**
ATALAY F., KAYA H., ATALAY S.
PHYSICA B-CONDENSED MATTER, vol.403, no.17, pp.2917-2923, 2008 (SCI-Expanded)
- XXIX. **Characterisation of magnetic wires for fluxgate cores**
Ripka P., Butta M., Malatek M., Atalay S., Atalay F.
SENSORS AND ACTUATORS A-PHYSICAL, vol.145, pp.23-28, 2008 (SCI-Expanded)
- XXX. **Magnetic and magnetoimpedance properties of NiFe and conife films produced by electrodeposition technique**
ATALAY F., KAYA H., ATALAY S.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.21, no.22, pp.3869-3876, 2007 (SCI-Expanded)
- XXXI. **Field-dependent young's modulus and magnetoimpedance in electrodeposited NiFe and NiFeCo microtubes**
ATALAY S., Atalay F., KAYA H.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.316, no.2, 2007 (SCI-Expanded)
- XXXII. **Giant magnetoimpedance effect in electroplated CoNiFe/Cu wires with varying Ni, Fe and Co content**
Atalay F., KAYA H., ATALAY S.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.420, pp.9-14, 2006 (SCI-Expanded)
- XXXIII. **Unusual grain growth in electrodeposited CoNiFe/Cu wires and their magnetoimpedance properties**
Atalay F., KAYA H., ATALAY S.
MATERIALS SCIENCE AND ENGINEERING B-SOLID STATE MATERIALS FOR ADVANCED TECHNOLOGY, vol.131, pp.242-247, 2006 (SCI-Expanded)
- XXXIV. **Magnetoimpedance effect in electroplated NiFeRu/Cu wire**
Atalay F., Kaya H., Atalay S.
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.39, no.3, pp.431-436, 2006 (SCI-Expanded)
- XXXV. **Effect of pH on the magnetoimpedance properties of electrodeposited CoNiFe microtubes**
Atalay F., Kaya H., Atalay S.
PHYSICA B-CONDENSED MATTER, vol.371, no.2, pp.327-331, 2006 (SCI-Expanded)
- XXXVI. **Magnetoimpedance effect in electrochemically etched CoFeSiB amorphous wires**
Atalay F., Atalay S., Kaya H., Bahadir A. R.
PHYSICA B-CONDENSED MATTER, vol.364, pp.294-299, 2005 (SCI-Expanded)
- XXXVII. **Influence of hydrogen charging on magnetic and magnetoimpedance properties of FeSiB and CoFeSiB amorphous wires**
Atalay F., Atalay S.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.396, pp.69-73, 2005 (SCI-Expanded)
- XXXVIII. **The effect of furnace annealing and surface crystallization on the anisotropy, Delta E and magnetoimpedance effects in Fe₇₁Cr₇Si₉B₁₃ amorphous wires**
Bayri N., KOLAT V. S., Atalay F., ATALAY S.
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.37, no.22, pp.3067-3072, 2004 (SCI-Expanded)
- XXXIX. **Symmetry and bonding interactions in [Cu₂Cl₆]⁽⁻⁾ complexes**
Atalay F.
PHYSICA STATUS SOLIDI A-APPLIED RESEARCH, vol.189, no.3, pp.913-918, 2002 (SCI-Expanded)
- XL. **An alternative measurement method for magneto-impedance effect in amorphous alloys**
Atalay F., ATALAY S.
SENSORS AND ACTUATORS A-PHYSICAL, vol.94, pp.39-43, 2001 (SCI-Expanded)

- XLI. **Infrared absorption study of Fe₂O₃-CaO-SiO₂ glass ceramics**
Atalay S., Adiguzel H. İ., Atalay F.
MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING, vol.304, pp.796-799, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **Different Plant Sporopollenin Exine Capsules and Their Multifunctional Usage**
ATALAY F., Culum A. A., Kaya H., Gokturk G., YİĞİT E.
ACS APPLIED BIO MATERIALS, vol.5, no.3, pp.1348-1360, 2022 (ESCI)
- II. **High- Performance Supercapacitor Electrode Based on NiFe Nanowire Networks/PEDOT:PSS**
ATALAY F., sener m., KAYA H.
MATERIALS TODAY : PROCEEDINGS, vol.22, pp.172-179, 2020 (Peer-Reviewed Journal)
- III. **Helical microtubules of nanostructured cobalt oxide for electrochemical energy storage applications**
ATALAY F. E., Kaya H., ASMA D., BINGOL A.
BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, vol.6, no.2, pp.1099-1103, 2016 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Hidrotermal Yöntemle TiO₂ İçerikli Nanoyapılı Malzemelerin Eldesi ve Superkapazitör Elektrot Olarak Geliştirilmesi**
Göktürk G., Kaya H., Atalay F.
6. Uluslararası Akademik Araştırmalar Kongresi'ne (ICAR), Ankara, Turkey, 23 - 25 August 2021, pp.141
- II. **Supercapacitor electrode design including uniformly dispersed Mn microcapsules in PVP using electrospinning method**
Atalay F., Kaya H.
Uluslararası Katılımlı VIII. Polimer Bilim ve Teknoloji Kongresi, Malatya, Turkey, 20 - 22 June 2022, pp.140
- III. **Abilities of Pistachia Sporopollenin Exine Capsules for Drug Delivery**
Culum A. A., Atalay F., Yigit E., Kaya H.
ICENSS, Ankara, Turkey, 7 - 09 May 2021, pp.115-118
- IV. **Cobalt Oxide Coated Different Plant based Microcapsules for Supercapacitor Application**
Göktürk G., Bingöl A., KAYA H., Emre Y., CULUM A. A., Baş H. H., ATALAY F.
3rd International Conference on Physical Chemistry Functional Materials, 22 - 24 September 2020
- V. **Electrochemically Formed Graphene Network for Supercapacitor**
Bas H. H., Kaya H., Şener M., Atalay F.
pcfm 2020, Malatya, Turkey, 22 - 24 September 2020, pp.22
- VI. **Cobalt Oxide Coated Different Plant Based Microcapsules for Supercapacitor Application**
Gokturk G., Bingol A., Kaya H., Sengul Y. E., Culum A. A., Bas H. H., Atalay F.
PCFM'20, Malatya, Turkey, 22 - 24 September 2020, pp.12
- VII. **Synthesis of TiO₂ on Cobalt Oxide Coated Pollen Microcapsules by Sol-Gel Process for Photocatalytic Applications**
Çağlar Yılmaz H., Bingöl A., KAYA H., ERDEMOĞLU S., ATALAY F.
3rd International Conference on Physical Chemistry Functional Materials, 22 - 24 September 2020
- VIII. **Pine Pollen Based Porous Carbon Production by CuCl₂ Activation**
Sengul Y. E., Kaya H., Culum A. A., Bingol A., Bas H. H., Gokturk G., Atalay F.
PCFM'2020, Malatya, Turkey, 22 - 24 September 2020, pp.21
- IX. **Sporopollenin exine capcules: Unique Structure and Functions Protecting Bio-Materials For Drug Delivery**
Culum A. A., Atalay F., Kay H., Bingol A., Sengul Y. E., Yigit E.

PCFM20, Malatya, Turkey, 22 - 24 September 2020, pp.31

- X. **High-Performance Supercapacitor Electrode Based on NiFe Nanowire Networks/PEDOT:PSS**
ATALAY F., Sener M., Kaya H.
2nd International Conference on Nanomaterials and Biomaterials (ICNB), Barcelona, Spain, 10 - 12 December 2018, vol.22, pp.172-179
- XI. **Pinus Pollen based Porous Carbon Synthesis for Supercapacitors Applications**
Sengul Y. E., Bingol A., Culum A. A., Kaya H., Yigit E., Bas H. H., Atalay F.
PPM 2019, Aydın, Turkey, 9 - 11 October 2019, pp.23
- XII. **Production of Porous Materials using Sporopollenin Exine Capsules**
Culum A. A., Bingol A., Sengul Y. E., Saatçioğlu G., Yigit E., Atalay F.
PPM 2019, Aydın, Turkey, 9 - 11 October 2019, pp.23
- XIII. **Juglans Sporopollenin-Based Supercapacitor Electrode and Electrochemical Capacitive Properties**
Bingol A., Kaya H., Sengul Y. E., Culum A. A., Saatcioglu G., Bas H. H., Atalay F.
ppm 2019, Aydın, Turkey, 9 - 11 October 2019, pp.27
- XIV. **Fabrication of Graphene/Ni Foam for Supercapacitor Electrodes**
Bas H. H., Emre Y., Kaya H., Şener M., Atalay F.
PPM2019, Aydın, Turkey, 9 - 11 October 2019, pp.24
- XV. **Uses of PlantViruses as Biotemplates Material in Nanotechnology**
OKSAL H. D., ASMA D., ATALAY F., SİPAHİOĞLU H. M.
International Conference on Physical Chemistry and Functional Materials, Elazığ, Turkey, 19 - 21 June 2018, vol.-
- XVI. **Hydrothermally Producednickel Oxides For Supercapacitor Electrodes**
Biber Z. S., KAYA H., Şener M., Uluğ A., ATALAY F.
International Conference On Physical Chemistry Functional Materials, Elazığ-Türkiye, Elazığ, Turkey, 19 - 21 June 2018, pp.284
- XVII. **Pistachio Pollens for Porous Metal Oxide Nanoparticle Production**
ATALAY F., YİĞİT E., Biber Z. S., KAYA H.
International Porous and Powder Materials Symposium and Exhibition (PPM 2017), Aydın, Turkey, 12 - 15 September 2017, pp.290
- XVIII. **Pistachio Pollens for Porous Metal Oxide Nanoparticle Production**
ATALAY F., YİĞİT E., KAYA H., BİBER Z. S.
The Porous and Powder Materials Symposium and Exhibitions (PPM 2017), 12 - 15 September 2017
- XIX. **Helical Microtubules of Nanostructured Cobalt Oxide for Supercapacitor Applications**
ATALAY F., KAYA H., ASMA D., BİNGÖL A.
22nd International Symposium on Metastable, Amorphous and Nanostructured Materials (ISMANAM-2015), 13 - 17 July 2015
- XX. **The Mesoporous Semiconductive Co₃O₄ Synthesis Using Fungal Spores for Supercapacitor Electrodes**
ATALAY F., ASMA D., KAYA H., Bingöl A.
international semiconductor science technology conference 2015 (ISSTC), 11 - 13 May 2015
- XXI. **The Mesoporous Cobalt Oxide Microtubes Synthesis for Supercapacitor Electrodes**
BİNGÖL A., ATALAY F., ASMA D., KAYA H., KAMA Ş.
Organic Electronic Material Technologies Conference (OEMT2015), 25 - 28 March 2015
- XXII. **Coil-less Fluxgate Effect in Amorphous Co₇₁Fe₁Mo₁Mn₄Si₁₄B₉ Ribbon**
FIDAN A., ATALAY S., BAYRİ N., ATALAY F., YAGMUR V.
5th Moscow International Symposium on Magnetism (MISM 2011), Moscow, Russia, 21 - 25 August 2011, vol.190, pp.167-170
- XXIII. **The Dynamic Effects in Electrodeposited NiFe/Cu Wire with Preliminary Torsion**
YAGMUR V., ATALAY F., BAYRİ N., ATALAY S.
5th Moscow International Symposium on Magnetism (MISM 2011), Moscow, Russia, 21 - 25 August 2011, vol.190, pp.243-246
- XXIV. **Characterisation of magnetic wires for fluxgate cores**

RIPKA P., BUTTA M., MALATEK M., ATALAY S., ATALAY F.

14th International Conference on Solid-State Sensors, Actuators and Microsystems/21st European Conference on Solid-State Transducers, Lyon, France, 10 - 14 June 2007

XXV. Torsional stress impedance effect in Fe₇₁Cr₇Si₉B₁₃ amorphous wire

Atalay F., Bayri N., Bahadır A. R., ATALAY S.

2nd Seeheim Conference on Magnetism (SCM2004), Seeheim, Germany, 27 June - 01 July 2004, pp.3328-3331

Supported Projects

ATALAY F., TUBITAK Project, Farklı Bitki Sporopolenlerinin Kullanılması İle Elde Edilecek Poroz Nanoyapılı Metal Oksit/Hidroksit Malzemelerin Elektrokimyasal Kapasitans Ve Fotokatalitik Özelliklerinin Araştırılması, 2019 - Continues

ATALAY F., TUBITAK Project, Süperkapasitör Uygulamaları için İki Farklı Geçiş Metali İçeren Metal Oksitlerinin Hazırlanması, 2018 - Continues

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Non Academic Experience

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