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### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Yoksis Araştırmacı ID: 112478

### Eğitim Bilgileri

Doktora, Anadolu Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 2002 - 2007

Yüksek Lisans, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 1999 - 2001

Lisans, İnönü Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1992 - 1996

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Yaptığı Tezler

Doktora, 2-(1-Siklohekzenil)Etilamin Tetrasiyanonikelat Kompleksleri İle Hofmann-Tipi klatratlarının Spektroskopik ve Gravimetrik Olarak İncelenmesi, Anadolu Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, 2007

Yüksek Lisans, YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7</sub>-& bileşiğinde Y yerine farklı iyonik yarıçapa sahip Nd katılanmasının etkisi, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, 2001

### Araştırma Alanları

Fizik, Atom ve Molekül Fiziği, Atom ve Moleküllerin Elektronik Yapısı Kuramı, Yoğun Madde 1:Yapısal, Mekanik ve Termal Özellikler , Yoğun maddenin termal özellikleri, Yoğun Madde 2:Elektronik Yapı, Elektrik, Manyetik ve Optik Özellikler, Manyetik özellikler ve malzemeler, Temel Bilimler

### Akademik Unvanlar / Görevler

Prof. Dr., İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2017 - Devam Ediyor

Doç. Dr., İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2011 - 2016

Yrd. Doç. Dr., İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2009 - 2011

Araştırma Görevlisi Dr., İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2007 - 2009

Araştırma Görevlisi, İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 1998 - 2007

## Akademik İdari Deneyim

Dekan, İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2021 - Devam Ediyor

## Verdiği Dersler

Molekül Fiziği-I, Lisans Çift Anadal, 2012-2013  
Grup Teorisi, Lisans Çift Anadal, 2012-2013  
Malzeme üretim teknikleri, Lisans Çift Anadal, 2012-2013  
Spektroskopik Yöntemler, Lisans Çift Anadal, 2012-2013  
Elektronik Laboratuvarı, Lisans, 2009-2010  
Teknolojinin Bilimsel İlkeleri, Lisans, 2009-2010  
Atom ve Molekül Fiziği, Lisans, 2009-2010  
Dalgalar Laboratuvarı, Lisans, 2009-2010  
Genel Fizik Laboratuvarı, Lisans, 2009-2010  
Genel Fizik, Lisans, 2009-2010

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Structural, magnetic and magnetocaloric properties of Ru doped Pr<sub>0.67</sub>Ca<sub>0.33</sub>Mn<sub>1-x</sub>Ru<sub>x</sub>O<sub>3</sub> manganites**  
Kanikirmizi T., İZGİ T., BAYRİ N., GENÇER H., KOLAT V. S., Pektas M., ATALAY S.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.33, sa.27, ss.21778-21795, 2022 (SCI-Expanded)
- II. **Structural, magnetic, and magnetocaloric properties of (1-x)La<sub>0.7</sub>Ca<sub>0.3</sub>MnO<sub>3</sub>/(x)La<sub>0.7</sub>Ag<sub>0.3</sub>MnO<sub>3</sub> composites**  
Yigiter N., Pektas M., Kolat V. S., Izgi T., Bayri N., Gencer H., Atalay S.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.33, sa.7, ss.4721-4735, 2022 (SCI-Expanded)
- III. **Detection of Diazinon Organophosphates Using Magnetoelastic Sensor**  
ATALAY S., ATEŞ B., Balcioglu S., Inan O. O., Kolak S., ŞİMŞEK M., KOLAT V. S., KÖYTEPE S., İZGİ T.  
IEEE TRANSACTIONS ON MAGNETICS, cilt.58, sa.2, 2022 (SCI-Expanded)
- IV. **Magnetic and Magnetocaloric Properties of Pr<sub>2</sub>Fe<sub>17-x</sub>Cu<sub>x</sub> Intermetallic Compounds**  
Cengiz N. E., Pektas M., KOLAT V. S., İZGİ T., GENÇER H., BAYRİ N., ATALAY S.  
JOURNAL OF MAGNETICS, cilt.26, sa.3, ss.332-340, 2021 (SCI-Expanded)
- V. **Magnetic field sensor using the asymmetric giant magnetoimpedance effect created by micromagnets**  
Pektas M., Kolat V. S., Bayri N., Izgi T., Atalay S.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.32, sa.10, ss.13062-13067, 2021 (SCI-Expanded)
- VI. **Influence of Ferromagnetic Ribbon Width on Q Factor and Magnetoelastic Resonance Frequency**  
Atalay S., Inan O. O., Kolat V. S., Izgi T.  
ACTA PHYSICA POLONICA A, cilt.139, sa.2, ss.159-163, 2021 (SCI-Expanded)
- VII. **Effects of Ru substitution on the structural, magnetic and magnetocaloric properties of Pr<sub>0.68</sub>Ca<sub>0.22</sub>Sr<sub>0.1</sub>Mn<sub>1-x</sub>Ru<sub>x</sub>O<sub>3</sub> (x=0, 0.05, 0.1 and 0.2) compounds**  
Pektas M., İZGİ T., GENÇER H., ATALAY S., KOLAT V. S., BAYRİ N.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.31, sa.18, ss.15731-15741, 2020 (SCI-Expanded)
- VIII. **A Rapid Response Humidity Sensor for Monitoring Human Respiration with TiO<sub>2</sub>-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, cilt.49, sa.5, ss.3209-3215, 2020 (SCI-Expanded)
- IX. **Magnetoelastic Humidity Sensors with TiO<sub>2</sub> Nanotube Sensing Layers**

ATALAY S., İZGİ T., KOLAT V. S., ERDEMOĞLU S., Inan O. O.

SENSORS, cilt.20, sa.2, 2020 (SCI-Expanded)

- X. **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, cilt.32, sa.12, ss.3907-3913, 2019 (SCI-Expanded)
- XI. **Asymmetric Delta E Effect and its Use as a Magnetic Field Sensor**  
Atalay S., Kolat V. S., Izgi T.  
ACTA PHYSICA POLONICA A, cilt.136, sa.3, ss.531-535, 2019 (SCI-Expanded)
- XII. **Magnetic and magnetocaloric properties of La<sub>0.94</sub>Bi<sub>0.06</sub>Mn<sub>1-x</sub>Cr<sub>x</sub>O<sub>3</sub> (x= 0; 0.05; 0.1; 0.15; 0.2; 0.25) samples**  
İZGİ T., KOLAT V. S., GENÇER H., BAYRİ N., ÖZKAN U.  
ACTA PHYSICA POLONICA A, cilt.135, ss.100-105, 2019 (SCI-Expanded)
- XIII. **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, cilt.465, ss.151-155, 2018 (SCI-Expanded)
- XIV. **Asymmetric giant magnetoimpedance effect created by micro magnets**  
Atalay S., Izgi T., Buznikov N. A., Kolat V. S.  
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.453, ss.163-167, 2018 (SCI-Expanded)
- XV. **Magnetic-propelled Fe<sub>3</sub>O<sub>4</sub>-chitosan carriers enhance l-asparaginase catalytic activity: a promising strategy for enzyme immobilization**  
ATEŞ B., ULU A., KÖYTEPE S., ALI NOMA S. A., KOLAT V. S., İZGİ T.  
RSC ADVANCES, cilt.8, sa.63, ss.36063-36075, 2018 (SCI-Expanded)
- XVI. **Effect of Fe Substitution on Magnetic and Magnetocaloric Properties of La<sub>0.94</sub>Bi<sub>0.06</sub>Mn<sub>1-x</sub>Fe<sub>x</sub>O<sub>3</sub> (x=0, 0.05, 0.075 and 0.1) Compounds**  
Gencer H., Kolat V. S., Bayri N., Izgi T., Atalay S.  
JOURNAL OF MAGNETICS, cilt.22, sa.3, ss.443-449, 2017 (SCI-Expanded)
- XVII. **Structural, Magnetic and Magnetocaloric Properties of Pr<sub>0.68</sub>Ca<sub>0.32-x</sub> Bi (x) MnO<sub>3</sub> (x=0, 0.1, 0.18, 0.26 and 0.32) Compounds**  
GENÇER H., İZGİ T., BAYRİ N., PEKTAS M., KOLAT V. S., ATALAY S.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.29, sa.9, ss.2443-2450, 2016 (SCI-Expanded)
- XVIII. **Magnetoelastic Sensor Studies on Amorphous Magnetic FeSiB Wire and the Application in Viscosity Measurement**  
ATALAY S., KOLAT V. S., BAYRİ N., İZGİ T.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.29, sa.6, ss.1551-1556, 2016 (SCI-Expanded)
- XIX. **Crystallisation Kinetics of Co<sub>75-x</sub>M<sub>x</sub>Si<sub>15</sub>B<sub>10</sub> (M = Fe, Mn, Cr and x=0, 5) Amorphous Alloys**  
BAYRİ N., KOLAT V. S., İZGİ T., ATALAY S., GENÇER H., SOVAK P.  
ACTA PHYSICA POLONICA A, cilt.129, sa.1, ss.84-87, 2016 (SCI-Expanded)
- XX. **Surface modification of YIG by magnet array**  
ATALAY S., KOLAT V. S., BAKIR H. G., İZGİ T., KAYA A., KAYA O. A., GENÇER H.  
APPLIED SURFACE SCIENCE, cilt.354, ss.337-341, 2015 (SCI-Expanded)
- XXI. **Study of nanocrystallization process in FeCrCuNbSiB amorphous alloys by Young's modulus measurements**  
BAYRİ N., ATALAY S., KOLAT V. S., İZGİ T., SOVAK P.  
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, cilt.17, ss.1372-1378, 2015 (SCI-Expanded)
- XXII. **One-Dimensional Magnonic Crystal for Magnetic Field Sensing**  
ATALAY S., KAYA A., KOLAT V. S., GENÇER H., İZGİ T.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.28, sa.7, ss.2071-2075, 2015 (SCI-Expanded)
- XXIII. **Structural, Magnetic, and Magnetocaloric Properties of La<sub>1-x</sub> Bi (x) MnO<sub>3</sub> (x=0.01, 0.03, 0.06, 0.1, 0.2) Compounds**  
KOLAT V. S., ATALAY S., İZGİ T., GENÇER H., BAYRİ N.  
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, sa.6,

ss.2591-2597, 2015 (SCI-Expanded)

- XXIV. **The structural, magnetic and magnetocaloric properties of La<sub>0.67</sub>Ca<sub>0.33-x</sub>Mg<sub>x</sub>MnO<sub>3</sub> (x=0, 0.02, 0.05, 0.1, 0.2, 0.33) compounds**  
KOLAT V. S., ESTURK U., İZGİ T., GENÇER H., ATALAY S.  
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- XXV. **YIG Film for Magnetic Field Sensor**  
KAYA A., ATALAY S., GENÇER H., KAYA O. A., KOLAT V. S., İZGİ T.  
ACTA PHYSICA POLONICA A, cilt.127, sa.4, ss.937-939, 2015 (SCI-Expanded)
- XXVI. **Structural, magnetic and magnetocaloric properties of the compound La<sub>0.94</sub>Bi<sub>0.06</sub>MnO<sub>3</sub>**  
İZGİ T., KOLAT V. S., BAYRİ N., GENÇER H., ATALAY S.  
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.372, ss.112-116, 2014 (SCI-Expanded)
- XXVII. **Production of LaCaMnO<sub>3</sub> Composite by Ball Milling**  
GENÇER H., CENGİZ N. E., KOLAT V. S., İZGİ T., ATALAY S.  
ACTA PHYSICA POLONICA A, cilt.125, sa.2, ss.214-216, 2014 (SCI-Expanded)
- XXVIII. **Crack Detection Using Fluxgate Magnetic Field Sensor**  
İZGİ T., Göktepe M., BAYRİ N., KOLAT V. S., ATALAY S.  
ACTA PHYSICA POLONICA A, cilt.125, sa.2, ss.211-213, 2014 (SCI-Expanded)
- XXIX. **Field Induced Unusual Magnetic Behavior at Low Temperature in Pr<sub>0.67</sub>Ca<sub>0.33</sub>MnO<sub>3</sub>**  
PEKTAS M., GENÇER H., İZGİ T., KOLAT V. S., ATALAY S.  
ACTA PHYSICA POLONICA A, cilt.125, sa.2, ss.217-219, 2014 (SCI-Expanded)
- XXX. **The crystallisation kinetics, magnetic and magnetocaloric properties of Gd<sub>55</sub>Co<sub>20</sub>Fe<sub>5</sub>Al<sub>20</sub> (-) Si<sub>-x</sub>(x) (x=0, 5, 10, 15) alloys**  
GENÇER H., İZGİ T., KOLAT V. S., BAYRİ N., KAYA A., ATALAY S.  
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- XXXI. **Influence of Si substitution on the structural, magnetic and magnetocaloric properties of Gd<sub>55</sub>Co<sub>20</sub>Fe<sub>5</sub>Al<sub>20-x</sub>Si<sub>x</sub> alloys**  
ATALAY S., GENÇER H., KAYA A., KOLAT V. S., İZGİ T.  
JOURNAL OF NON-CRYSTALLINE SOLIDS, cilt.365, ss.99-104, 2013 (SCI-Expanded)
- XXXII. **Coil-Less Fluxgate Effect in Negatively Magnetostrictive Co<sub>72.5</sub>Si<sub>12.5</sub>B<sub>15</sub> Amorphous Wire**  
ATALAY S., BAYRİ N., FIDAN A., YAGMUR V., İZGİ T., ATALAY F., KOLAT V. S.  
SENSOR LETTERS, cilt.11, sa.1, ss.195-198, 2013 (SCI-Expanded)
- XXXIII. **Electrical Transport and Magnetoresistance of La<sub>0.67</sub>Ca<sub>0.33</sub>MnO<sub>3</sub>: Ag<sub>-x</sub> (x=0, 0.1, 0.2, 0.3, 0.4) Composites**  
GENÇER H., PEKTAS M., Babur Y., KOLAT V. S., İZGİ T., ATALAY S.  
JOURNAL OF MAGNETICS, cilt.17, sa.3, ss.176-184, 2012 (SCI-Expanded)
- XXXIV. **Magnetic and magnetocaloric properties of GdB<sub>2</sub> compound**  
GENÇER H., İZGİ T., KOLAT V. S., ATALAY S.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, cilt.6, ss.875-878, 2012 (SCI-Expanded)
- XXXV. **Magnetic and Magnetocaloric Properties of (Gd<sub>1-x</sub>Ce<sub>x</sub>)Al<sub>2</sub> (x=0, 0.25, 0.5, 0.75) Compounds**  
GENÇER H., İZGİ T., KOLAT V. S., KAYA A., ATALAY S.  
JOURNAL OF MAGNETICS, cilt.16, sa.4, ss.337-341, 2011 (SCI-Expanded)
- XXXVI. **THE VARIATION OF EXCHANGE CONSTANT AND MAGNETOCALORIC EFFECT IN LaFe<sub>13-x</sub>Si<sub>x</sub> (x=1.6, 1.9 AND 2.2) COMPOUNDS**  
İZGİ T., KOLAT V. S., GENÇER H., ATALAY S.  
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.25, sa.25, ss.3303-3313, 2011 (SCI-Expanded)
- XXXVII. **Vibrational spectroscopic study on some Hofmann type clathrates: M(2-(1-cyclohexenyl)ethylamine) (2)Ni(CN)(4)center dot 2benzene (M = Ni and Cd)**  
İZGİ T., Parlak C., Senyel M.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.79, sa.2, ss.308-311, 2011 (SCI-Expanded)

- XXXVIII. **Magnetotransport and magnetoresistance properties of Pr<sub>0.68</sub>Ca<sub>0.32</sub>-xSrxMnO<sub>3</sub> (x=0, 0.1, 0.18, 0.26 and 0.32) manganites**  
 İZGİ T., KOLAT V. S., BAYRİ N., KAYA A., GENÇER H., ATALAY S.  
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- XXXIX. **SIZE-INDUCED EFFECTS IN NANOSTRUCTURED NiFe<sub>2</sub>O<sub>4</sub>**  
 GUNES M., GENÇER H., İZGİ T., KOLAT V. S., ATALAY S.  
 INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.24, sa.30, ss.5973-5985, 2010 (SCI-Expanded)
- XL. **Influence of the wire length on the of coil-less fluxgate properties of amorphous (Co<sub>0.94</sub>Fe<sub>0.06</sub>) (72.5)Si<sub>12.5</sub>B<sub>15</sub> wire**  
 ATALAY S., BAYRİ N., İZGİ T., YAGMUR V., ATALAY F., KOLAT V. S.  
 SENSORS AND ACTUATORS A-PHYSICAL, cilt.163, sa.1, ss.122-127, 2010 (SCI-Expanded)
- XLII. **Vibrational spectroscopic investigations of some Hofmann-T-d-type complexes: Ni(2-(1-cyclohexenyl)ethylamine)(2)M(CN)(4) (M = Cd or Hg)**  
 İZGİ T., Parlak C., Senyel M.  
 SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.76, sa.5, ss.435-438, 2010 (SCI-Expanded)
- XLIII. **Influence of Ge and Bi substitution on the magnetic and magnetocaloric properties of LaFe<sub>11.4</sub>Si<sub>1.6</sub>**  
 KOLAT V. S., KAYA A., İZGİ T., GENÇER H., BAYRİ N., ATALAY S.  
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- XLIV. **Coil-less fluxgate effect in amorphous wires**  
 ATALAY S., BAYRİ N., İZGİ T., ATALAY F., KOLAT V. S.  
 SENSORS AND ACTUATORS A-PHYSICAL, cilt.158, sa.1, ss.37-42, 2010 (SCI-Expanded)
- XLV. **Metamagnetic transition and magnetocaloric effect in charge-ordered Pr<sub>0.68</sub>Ca<sub>0.32</sub>-xSrxMnO<sub>3</sub> (x=0, 0.1, 0.18, 0.26 and 0.32) compounds**  
 KOLAT V. S., İZGİ T., KAYA A., BAYRİ N., GENÇER H., ATALAY S.  
 JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.322, sa.4, ss.427-433, 2010 (SCI-Expanded)
- XLVI. **Magnetic and magnetoimpedance properties of Mn-doped FINEMET**  
 KOLAT V. S., BAYRİ N., MICHALIK S., İZGİ T., SOVAK P., ATALAY F., GENÇER H., ATALAY S.  
 JOURNAL OF NON-CRYSTALLINE SOLIDS, cilt.355, ss.2562-2566, 2009 (SCI-Expanded)
- XLVII. **Effect of tensile stress on magnetoimpedance properties of CoNiFe/Cu wire**  
 BAYRİ N., KOLAT V. S., KAYA H., ATALAY F., İZGİ T., ATALAY S.  
 JOURNAL OF PHYSICS D-APPLIED PHYSICS, cilt.42, sa.17, 2009 (SCI-Expanded)
- XLVIII. **Production of LaFe<sub>11.4</sub>Si<sub>1.6</sub> compound at high temperature with a very short annealing time**  
 KOLAT V. S., İZGİ T., GENÇER H., KAYA A., BAYRİ N., ATALAY S.  
 JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, cilt.11, sa.8, ss.1106-1110, 2009 (SCI-Expanded)
- XLIX. **Crystallization kinetics of Fe<sub>73.5</sub>-xMnxCu<sub>1</sub>Nb<sub>3</sub>Si<sub>13.5</sub>B<sub>9</sub> (x=0, 1, 3, 5, 7) amorphous alloys**  
 BAYRİ N., İZGİ T., GENÇER H., SOVAK P., GUNES M., ATALAY S.  
 JOURNAL OF NON-CRYSTALLINE SOLIDS, cilt.355, sa.1, ss.12-16, 2009 (SCI-Expanded)
- L. **FT-IR spectroscopic investigation of some Hofmann type complexes: M(2-(1-Cyclohexenyl)ethylamine)(2)Ni(CN)(4) (M = Ni, Co)**  
 İZGİ T., Parlak C., Aytekin T., Senyel M.  
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- L. **Infrared spectrum and STM images of cyclohexene-2-ethanamine: First principle investigation**  
 Izgi T., Akturk E., Gulseren O., Senyel M.  
 JOURNAL OF MOLECULAR STRUCTURE, cilt.886, ss.144-147, 2008 (SCI-Expanded)
- LI. **FT-IR and NMR investigation of 2-(1-cyclohexenyl)ethylamine: A combined experimental and theoretical study**  
 Izgi T., ALVER O., PARLAK C., AYTEKIN M. T., SENYEL M.  
 SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.68, sa.1, ss.55-62, 2007 (SCI-Expanded)
- LII. **Infrared and structural properties of Y<sub>1-x</sub>NdxBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-delta</sub> (0 <= x <= 1)**

ADIGUZEL H. İ., İzgi T.

JOURNAL OF SUPERCONDUCTIVITY, cilt.15, sa.6, ss.549-551, 2002 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

### **I. Al-Si-Mg Foam Produced by 3D Printer**

ATALAY S., BAYRİ N., KAYA H., İZGİ T., KOLAT V. S.

Adiyaman University Journal of Science, cilt.8, sa.1, ss.13-23, 2018 (Hakemli Dergi)

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

### **I. Magnetic Field Enhances Catalytic Activity of L-Asparaginase Conjugated on Fe3O4-Chitosan Nanoparticles**

ATEŞ B., ULU A., KÖYTEPE S., Noma S. A. A., KOLAT V. S., İZGİ T.

SANKO University Innovation in Medicine Summit-4, 11 - 13 Ekim 2018

### **II. Surface Modification Of Yıg By Magnet Array,**

BAKIR H. G., KOLAT V. S., İZGİ T., KAYA A. O., KAYA O. A., GENÇER H., ATALAY S.

European Conference On Surface Science, 31 Ağustos - 04 Eylül 2014

## **Desteklenen Projeler**

İZGİ T., Yükseköğretim Kurumları Destekli Proje, SOL JEL YÖNTEMİ İLE ÜRETİLEN NUMUNELERİN MANYETOEMPEDANS ÖZELLİKLERİNİN BELİRLENMESİ, 2016 - Devam Ediyor

İZGİ T., ATALAY S., KOLAT V. S., Yükseköğretim Kurumları Destekli Proje, Pr067Ca033Mn1XAX03 ARu x000050102 numunelerinde farklı oranlarda Ru katkılmasının yapısal manyetik ve manyetokalorik özelliklerinin İncelenmesi, 2021 - 2023

ATALAY S., KOLAT V. S., İZGİ T., ULU A., DİK G., Yükseköğretim Kurumları Destekli Proje, Mikro Manyetoelastik Sensör Üretimi ve İmmüno-sensör Uygulaması, 2021 - 2022

ATALAY S., İZGİ T., ERDEMOĞLU S., KOLAT V. S., Yükseköğretim Kurumları Destekli Proje, TiO2 kaplanmış kuartz mikro terazi QCM ile Nem hidrojen ve NO2 dedektasyonu, 2019 - 2020

GENÇER H., ATALAY S., İZGİ T., KOLAT V. S., Yükseköğretim Kurumları Destekli Proje, Pr06Ca04Mn1xAxO3 ve Pr06Ca04Mn1xAxO3 A Ru ve Au numunelerinin manyetik ve manyetokalorik özelliklerinin incelenmesi, 2019 - 2020

ATALAY S., KAYA H., İZGİ T., KOLAT V. S., Yükseköğretim Kurumları Destekli Proje, Ultra Hassas Manyetik Alan Sensörü, 2018 - 2019

İZGİ T., BAYRİ N., KOLAT V. S., Yükseköğretim Kurumları Destekli Proje, LaXMnO Bi Cr Ca vs numunelerin yapısal manyetik ve manyetokalorik özelliklerinin belirlenmesi, 2017 - 2019

İZGİ T., KOLAT V. S., ATALAY S., KAYA H., Yükseköğretim Kurumları Destekli Proje, La094Bi006Mn1xAxO3 ACr Co Fe Ni Ag vs numunelerin yapısal manyetik ve manyetokalorik özelliklerinin belirlenmesi, 2017 - 2018

## **Bilimsel Hakemlikler**

Journal of Magnetism and Magnetic Materials, SCI Kapsamındaki Dergi, Nisan 2017

## **Metrikler**

Yayın: 55

Atıf (WoS): 385

Atif (Scopus): 268

H-índeks (WoS): 10

H-índeks (Scopus): 9