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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: B-5012-2017

ScopusID: 57142599300

Yoksis Researcher ID: 2241

Research Areas

Mechanical Properties, Physical Properties, Electrical and Magnetic Properties, Polymeric Materials, Biomaterials, Material Characterization, Thermal Properties, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties

Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Fizik, 2013 - Continues

Professor, Gazi University, Atatürk Meslek Yüksekokulu, Elektrik ve Otomasyon, 2011 - 2012

Professor, Firat University, Faculty Of Science, Department Of Physics, 2005 - 2011

Associate Professor, Firat University, Faculty Of Science, Department Of Physics, 2000 - 2005

Assistant Professor, Firat University, Faculty Of Science, Department Of Physics, 1994 - 2000

Lecturer, Firat University, Tunceli Vocational School, 1989 - 1994

Lecturer, Van Yüzüncü Yil University, 1988 - 1989

Research Assistant, Inonu University, Fen-Edebiyat Fakültesi, Fizik, 1985 - 1988

Academic and Administrative Experience

Head of Department, Gazi University, Fen Fakültesi, Fizik, 2020 - 2023

Gazi University, Atatürk Meslek Yüksekokulu, Elektronik Ve Otomasyon Bölümü, 2011 - 2012

Director of the Center, Firat University, Advanced Technology Application And Research Center, 2010 - 2011

Member of the Senate, Firat University, Faculty Of Science, 2010 - 2011

Firat University, Fen Fakültesi, Fizik Bölümü, 2008 - 2011

Firat University, Fen Fakültesi, Fizik Bölümü, 2007 - 2011

Yüksekokul Yönetim Kurulu Üyesi, Firat University, School Of Physical Education And Sports, 2005 - 2007

Fakülte Kurulu Üyesi, Firat University, Faculty Of Arts And Sciences, 2001 - 2004

Fakülte Yönetim Kurulu Üyesi, Firat University, Faculty Of Arts And Sciences, 2001 - 2004

Firat University, Fen Fakültesi, 2001 - 2004

Firat University, Fen Fakültesi, Fizik Bölümü, 1999 - 2001

Advising Theses

- Aydođdu Y., The investigation of physical properties of boron doped Ni-Mn based polycrystalline shape memory alloys, Doctorate, G.KILIÇ(Student), 2023
- Aydođdu Y., The Investigation Of Thermal And Antimicrobial Properties Of NiMn Based Shape Memory Alloys, Doctorate, O.Kareem(Student), 2020
- AYDOĐDU Y., Investigation Of Thermal And Electrical Properties Of Ni-Mn-Sn Shape Memory Alloys, Postgraduate, S.DAĐ(Student), 2019
- AYDOĐDU Y., Metal Oxide Uv Detector Array Fabrication And Characterization, Postgraduate, G.MEHMETOĐLU(Student), 2019
- AYDOĐDU Y., Őekil hatırlamalı Cu-Al-Co alařımının üretimi ve fiziksel özelliklerinin incelenmesi, Postgraduate, F.KÜRÜM(Student), 2013
- AYDOĐDU Y., NiMnGa alařımının fiziksel özelliklerine termal yařlandırmanın etkisi ve x ışını mikrotomografi analizi, Postgraduate, C.YALÇIN(Student), 2012
- AYDOĐDU Y., Ni-Mn-Ga ferromanyetik Őekil hatırlamalı alařımının fiziksel özellikleri üzerine alařım oranı ve ısıl iřlem etkisinin incelenmesi, Doctorate, M.KÖK(Student), 2011
- AYDOĐDU Y., Cuaumn ferromanyetik Őekil hafızalı alařım üretimi, termal ve manyetik özelliklerinin incelenmesi, Postgraduate, M.ŐAŐMAZ(Student), 2010
- AYDOĐDU Y., Ultrasonik spreyleme ve termal buharlařtırma yöntemleri kullanılarak MgB2 süperiletken ince filmlerin üretilmesi ve karakterizasyonu, Doctorate, Z.DENİZ(Student), 2010
- AYDOĐDU Y., DSC ile termal iletkenlik ölçümü ve uygulamaları, Postgraduate, M.KÖK(Student), 2006
- AYDOĐDU Y., Geçiř metal komplekslerinin elektrik ve elektronik özelliklerinin incelenmesi, Doctorate, F.YAKUPHANOĐLU(Student), 2002
- AYDOĐDU Y., Bazı polimerlerin elektriksel iletkenlik özelliklerinin incelenmesi, Postgraduate, D.ÖZMEN(Student), 1999
- AYDOĐDU Y., Bazı amin-metal komplekslerinin elektriksel özelliklerinin incelenmesi, Postgraduate, F.YAKUPHANOĐLU(Student), 1998

Research Infrastructure Information

- Aydođdu Y., Aydođdu A., İleri Teknolojik Malzemeler Arařtırma Laboratuvarı, January 2013
- Aydođdu Y., Aydođdu A., Yarıiletken Malzemeler Arařtırma Laboratuvarı, January 2000

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Valorization of bio-calcium carbonate based Chamelea gallina shell waste fillers in shape memory polymer composites**
Selçuk Pekdemir S., ONAY H., Özen Öner E., Pekdemir M. E., Kök M., ATEŐ B., AYDOĐDU Y., DALGIÇ G.
Journal of Applied Polymer Science, vol.141, no.14, 2024 (SCI-Expanded)
- II. **Production of smart polymer blend filament from waste PET obtained water bottles: investigation of thermal and shape memory behavior**
Öner E. Ö., Kök M., Pekdemir M. E., Aydođmuş E., Saydam S., AYDOĐDU Y.
Macromolecular Research, 2024 (SCI-Expanded)
- III. **Structural and molecular characterization of collagen-type I extracted from lamb feet**
Ata O., Bakar B., Turkoz B. K., Kumcuoglu S., AYDOĐDU Y., Gumustas B., Doganay G. D., Basturk E., Tavman S.
Journal of Food Science, vol.89, no.1, pp.330-341, 2024 (SCI-Expanded)
- IV. **A study on isothermal oxidation kinetics using thermogravimetric method of TiNiNb shape memory alloys**
Balci E., Somunkiran I., Ercan E., Dagdelen F., AYDOĐDU Y.
Journal of Thermal Analysis and Calorimetry, vol.148, no.24, pp.14253-14260, 2023 (SCI-Expanded)
- V. **Investigation on the transport and magnetism properties of the boron-substituted NiMnSb**
Kılıç G., Abboosh O., Kirat G., Aksan M. A., Aydođdu A., Aydođdu Y.

Journal of Thermal Analysis and Calorimetry, vol.148, no.17, pp.8871-8878, 2023 (SCI-Expanded)

- VI. **Physicochemical properties of magnetically enhanced shape memory polymer composites doped with NiMnGa**
Pekdemir M. E., Kaya M., COŞKUN M., AYDOĞDU Y., Kök M., Kuzu S. Y.
Journal of Polymer Research, vol.30, no.8, 2023 (SCI-Expanded)
- VII. **Mathematical Calculation of Material Reliability Using Surface Roughness Feature Based on Plasma Material Interaction Experiment Results**
Pahsa A., Aydoğdu Y., Gökteş F.
EKSPLOATACJA I NIEZAWODNOSC, vol.25, no.3, pp.1-10, 2023 (SCI-Expanded)
- VIII. **Active Films Based on Faba Bean (*Vicia faba* L.) Flour Incorporated with Sumac (*Rhus coriaria*): Assessment of Antioxidant and Antimicrobial Performances of Packaging for Shelf Life of Chicken Breast**
Emir A. A., YILDIZ E., AYDOĞDU Y., ŞÜMNÜ S. G.
FOOD AND BIOPROCESS TECHNOLOGY, vol.16, no.2, pp.327-341, 2023 (SCI-Expanded)
- IX. **Investigation of Thermal and Antimicrobial Properties of NiTiX (X = Ta, Ag, and Nb) Shape Memory Alloys**
AYDOĞDU Y., Abboosh O., SOYER P., Kilic G., Savur A., Dagdelen F., AYDOĞDU A., TUNALI Y.
PHYSICS OF METALS AND METALLOGRAPHY, vol.123, no.13, pp.1326-1334, 2022 (SCI-Expanded)
- X. **Novel of (PLA/PCL blend)/Gd₂O₃ rare earth oxide nanocomposites: Shape memory effect, thermal, magnetic, and mechanical properties**
Özen Öner E., Pekdemir M. E., Ercan E., Say Y., Kök M., AYDOĞDU Y.
Polymer Composites, vol.43, pp.3096-3103, 2022 (SCI-Expanded)
- XI. **Preparation and physicochemical properties of mwcnt doped polyvinyl chloride / poly (epsilon-caprolactone) blend**
Pekdemir M. E., Kok M., Qader I. N., AYDOĞDU Y.
JOURNAL OF POLYMER RESEARCH, vol.29, no.4, 2022 (SCI-Expanded)
- XII. **Effects of Substituting Nb with Ta on Microstructure and Thermal Properties of Novel Biocompatible TiNiNbTa Shape Memory Alloys**
Dagdelen F., Balci E., Qader I. N., AYDOĞDU Y., Saydam S.
PHYSICS OF METALS AND METALLOGRAPHY, vol.122, no.14, pp.1572-1580, 2021 (SCI-Expanded)
- XIII. **IN VITRO STUDY, CORROSION, and THERMAL OXIDATION BEHAVIOR of WIRE-SHAPED NITISN SHAPE MEMORY ALLOY**
Qader I. N., Kok M., Çırak Z. D., Pekdemir M. E., Saydam S., Aydoğdu Y.
Surface Review and Letters, vol.28, no.7, 2021 (SCI-Expanded)
- XIV. **Mechanical and Thermal Behavior of Cu_{84-x}Al₁₃Ni₃Hf_x Shape Memory Alloys**
Qader I. N., Oner E., KÖK M., Mohammed S. S., DAĞDELEN F., Kanca M. S., AYDOĞDU Y.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.45, no.1, pp.343-349, 2021 (SCI-Expanded)
- XV. **Shape memory behavior of Ni(45)Mn(40)Co(5)Sb(10-x)B(x) magnetic shape memory alloys**
Aydoğdu Y., Turabi A. S., Boddeti B., Saghalian S. E., Aydoğdu A., Kilic G., Abboosh O., Karaca H. E.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.143, no.1, pp.127-137, 2021 (SCI-Expanded)
- XVI. **Influence of Ta Additive into Cu_{84-x}Al₁₃Ni₃(wt%) Shape Memory Alloy Produced by Induction Melting**
Mohammed S. S., KÖK M., Qader I. N., Kanca M. S., ERCAN E., DAĞDELEN F., AYDOĞDU Y.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.44, no.4, pp.1167-1175, 2020 (SCI-Expanded)
- XVII. **The Influence of Time-Dependent Aging Process on the Thermodynamic Parameters and Microstructures of Quaternary Cu-79-Al-12-Ni-4-Nb-5 (wt%) Shape Memory Alloy**
Qader I. N., ERCAN E., Faraj B. A. M., KÖK M., DAĞDELEN F., AYDOĞDU Y.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.44, no.3, pp.903-910, 2020 (SCI-Expanded)

- XVIII. **Shape memory effect of polymeric composite materials filled with NiMnSbB shape memory alloy for textile materials**
Topel-Zeren E., AKŞİT A., AYDOĞDU Y.
MATERIALS RESEARCH EXPRESS, vol.7, no.5, 2020 (SCI-Expanded)
- XIX. **Thermal stability and some thermodynamics analysis of heat treated quaternary CuAlNiTa shape memory alloy**
KÖK M., Qader I. N., Mohammed S. S., Oner E., DAĞDELEN F., AYDOĞDU Y.
MATERIALS RESEARCH EXPRESS, vol.7, no.1, 2020 (SCI-Expanded)
- XX. **Enhancing oxidative stability of walnuts by using gallic acid loaded lentil flour based electrospun nanofibers as active packaging material**
Aydogdu A., YILDIZ E., AYDOĞDU Y., ŞÜMNÜ S. G., ŞAHİN S., AYHAN Z.
FOOD HYDROCOLLOIDS, vol.95, pp.245-255, 2019 (SCI-Expanded)
- XXI. **Magnetic field induced martensitic transition in Fe doped Ni-Mn-Sn-B shape memory ribbons**
Kirat G., Aksan M. A., AYDOĞDU Y.
INTERMETALLICS, vol.111, 2019 (SCI-Expanded)
- XXII. **Transformation behavior in NiTi-20Ta and NiTi-20Nb SMAs**
DAĞDELEN F., AYDOĞDU Y.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.136, no.2, pp.637-642, 2019 (SCI-Expanded)
- XXIII. **Nanostructured poly(lactic acid)/soy protein/HPMC films by electrospinning for potential applications in food industry**
Aydogdu A., Yıldız E., Ayhan Z., Aydoğdu Y., Şümnü S. G., Şahin S.
EUROPEAN POLYMER JOURNAL, vol.112, pp.477-486, 2019 (SCI-Expanded)
- XXIV. **Examination of phase changes in the CuAl high-temperature shape memory alloy with the addition of a third element**
KÖK M., Ata S., Yakinci Z. D., AYDOĞDU Y.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.133, no.2, pp.845-850, 2018 (SCI-Expanded)
- XXV. **Utilization of lentil flour as a biopolymer source for the development of edible films**
Aydogdu A., KIRTIL E., ŞÜMNÜ S. G., ÖZTOP H. M., AYDOĞDU Y.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.135, no.23, 2018 (SCI-Expanded)
- XXVI. **THE EFFECT OF CHROMIUM ADDITION ON PHYSICAL PROPERTIES OF Cu-Al BASED HIGH TEMPERATURE SHAPE MEMORY ALLOY**
ÇIRAK Z. D., Kok M., AYDOĞDU Y.
ARCHIVES OF METALLURGY AND MATERIALS, vol.63, no.4, pp.1595-1598, 2018 (SCI-Expanded)
- XXVII. **The effects of boron addition on the magnetic and mechanical properties of NiMnSn shape memory alloys**
Aydogdu Y., Turabi A. S., Aydogdu A., Kok M., Yakinci Z. D., Karaca H. E.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.126, no.2, pp.399-406, 2016 (SCI-Expanded)
- XXVIII. **The effect of Sn content on mechanical, magnetization and shape memory behavior in NiMnSn alloys**
Aydogdu Y., Turabi A. S., Kok M., Aydogdu A., Yakinci Z. D., Aksan M. A., Yakinci M. E., Karaca H. E.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.683, pp.339-345, 2016 (SCI-Expanded)
- XXIX. **The effects of substituting B for Cu on the magnetic and shape memory properties of CuAlMnB alloys**
Aydogdu Y., Turabi A. S., Aydogdu A., Vance E. D., Kok M., Kirat G., Karaca H. E.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.122, no.7, 2016 (SCI-Expanded)
- XXX. **Synthesis, characterization and solid-state properties of [Zn(Hdmmthiol)(2)]center dot 2H(2)O complex**
DAĞDELEN F., AYDOĞDU Y., Dey K., Biswas S.
EUROPEAN PHYSICAL JOURNAL PLUS, vol.131, no.5, 2016 (SCI-Expanded)
- XXXI. **Shape memory effect and superelasticity of NiMnCoIn metamagnetic shape memory alloys under high magnetic field**
Turabi A. S., Karaca H. E., Tobe H., Basaran B., AYDOĞDU Y., Chumlyakov Y. I.

- SCRIPTA MATERIALIA, vol.111, pp.110-113, 2016 (SCI-Expanded)
- XXXII. **Thermoelectric and mechanical properties of Mg-Al-Sb alloys**
Altin E., Oz E., Erdem M., Demirel S., AYDOĞDU Y., Altin S.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.26, no.2, pp.1023-1032, 2015 (SCI-Expanded)
- XXXIII. **Effects of the substitution of gallium with boron on the physical and mechanical properties of Ni-Mn-Ga shape memory alloys**
AYDOĞDU Y., Turabi A. S., KÖK M., AYDOĞDU A., Tobe H., Karaca H. E.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.117, no.4, pp.2073-2078, 2014 (SCI-Expanded)
- XXXIV. **Thermal Properties, Microstructure and Microhardness of Cu-Al-Co Shape Memory Alloy System**
AYDOĞDU Y., Kurum F., KÖK M., Yakinci Z. D., AYDOĞDU A.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.67, no.4, pp.595-600, 2014 (SCI-Expanded)
- XXXV. **Thermal and magnetic properties of Ni₅₁Mn_{28.5}Ga_{19.5}B magnetic-shape-memory alloy**
Kok M., Yakinci Z. D., Aydogdu A., Aydogdu Y.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.115, no.1, pp.555-559, 2014 (SCI-Expanded)
- XXXVI. **Effect of composition on the thermal behavior of NiMnGa alloys**
KÖK M., AYDOĞDU Y.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.113, no.2, pp.859-863, 2013 (SCI-Expanded)
- XXXVII. **Electron Concentration Dependence of Phase Transition and Magnetic Properties in NiMnGa Alloys**
KÖK M., AYDOĞDU Y.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.26, no.5, pp.1691-1696, 2013 (SCI-Expanded)
- XXXVIII. **A Comparative Study on Thermal and Microstructural Properties of Different Types of NiMnGa Magnetic Shape Memory Alloys**
KÖK M., AYDOĞDU Y.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.26, no.5, pp.1697-1701, 2013 (SCI-Expanded)
- XXXIX. **Isothermal oxidation study on NiMnGa ferromagnetic shape memory alloy at 600-1000 degrees C**
KÖK M., Pirge G., AYDOĞDU Y.
APPLIED SURFACE SCIENCE, vol.268, pp.136-140, 2013 (SCI-Expanded)
- XL. **Effect of heat treatment on the physical properties of Ni-Mn-Ga alloy**
KÖK M., AYDOĞDU Y.
THERMOCHIMICA ACTA, vol.548, pp.51-55, 2012 (SCI-Expanded)
- XLI. **Synthesis, characterization, and thermal degradation of novel poly(2-(5-bromo benzofuran-2-yl)-2-oxoethyl methacrylate)**
Koca M., Kurt A., Kirilmis C., AYDOĞDU Y.
POLYMER ENGINEERING AND SCIENCE, vol.52, no.2, pp.323-330, 2012 (SCI-Expanded)
- XLII. **Structural, electrical and optical properties of metal complexes of NNS donor ligand**
Biswas S., Dagdelen F., AYDOĞDU Y., Dey K.
MATERIALS CHEMISTRY AND PHYSICS, vol.129, no.3, pp.1121-1125, 2011 (SCI-Expanded)
- XLIII. **Effects of In-situ and Ex-situ Heat-Treatment Procedures on the Transport Properties of the MgB₂ Superconducting Thin Films Fabricated by Ultrasonic Spray Pyrolysis (USP) System**
YAKINCI M. C., AYDOĞDU Y., AKSAN M. A., BALCI Y., ALTIN S.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, pp.241-245, 2011 (SCI-Expanded)
- XLIV. **The Investigation of Thermal and Magnetic Properties and Microstructure Analysis of Cu-Al-Mn Shape Memory Alloys**
Canbay C. A., Aydogdu A., AYDOĞDU Y.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, pp.871-877, 2011 (SCI-Expanded)
- XLV. **The Magnetic Behavior and Physical Characterization of Cu-Mn-Al Ferromagnetic Shape Memory Alloy**
Sasmaz M., Bayri A., AYDOĞDU Y.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, pp.757-762, 2011 (SCI-Expanded)
- XLVI. **Nano-sized Spherical MgB₂ Superconducting Powder Fabrication Using MHz Range Ultrasonic Spray**

Pyrolysis (USP) System

YAKINCI M. C., AKSAN M. A., BALCI Y., ALTIN S., ÖNAL Y., AYDOĞDU Y.

JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, pp.235-239, 2011 (SCI-Expanded)

XLVII. Synthesis and Characterization of MgB₂ Thin Films Prepared by 2.4 Mhz Ultrasonic Spray Pyrolysis System

Yakinci Z. D., AYDOĞDU Y.

JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, pp.529-534, 2011 (SCI-Expanded)

XLVIII. Thickness Dependence of Critical Current Density in MgB₂ Films Prepared by Thermal Evaporation Method

Yakinci Z. D., AYDOĞDU Y.

JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, pp.523-527, 2011 (SCI-Expanded)

XLIX. Epoxy- and Polyester-Based Composites Reinforced With Glass, Carbon and Aramid Fabrics: Measurement of Heat Capacity and Thermal Conductivity of Composites by Differential Scanning Calorimetry

Cecen V., Tavman I. H., Kok M., AYDOĞDU Y.

POLYMER COMPOSITES, vol.30, no.9, pp.1299-1311, 2009 (SCI-Expanded)

L. An attempt towards coordination supramolecularity from Mn(II), Ni(II) and Cd(II) with a new hexadentate [N₄O₂] symmetrical Schiff base ligand: Syntheses, crystal structures, electrical conductivity and optical properties

Sarkar S., Biswas S., Liao M., Kar T., AYDOĞDU Y., Dagdelen F., Mostafa G., Chattopadhyay A. P., Yap G. P. A., Xie R., et al.

POLYHEDRON, vol.27, no.16, pp.3359-3370, 2008 (SCI-Expanded)

LI. Stokes shift and band gap bowing in In_xGa_{1-x}N (0.060 ≤ x ≤ 0.105) grown by metalorganic vapour phase epitaxy

Yildiz A., Dagdelen F., ACAR S., LİŞESİVDİN S. B., Kasap M., AYDOĞDU Y., Bosi M.

ACTA PHYSICA POLONICA A, vol.113, no.2, pp.731-739, 2008 (SCI-Expanded)

LII. Synthesis Molecular Structure Optical Properties and Electrical Conductivity of Zwitterionic Ferrocenyldithiophosphonates

KARAKUŞ M., AYDOĞDU Y., ÇELİK Ö., KUZUCU V., İDE S., HEY HAWKINS E.

Zeitschrift Fur Anorganische Und Allgemeine Chemie, vol.633, no.3, pp.405-410, 2007 (SCI-Expanded)

LIII. X-ray diffraction studies, thermal, electrical and optical properties of oxovanadium(IV) complexes with quadridentate schiff bases

Sarkar S., AYDOĞDU Y., Dagdelen F., Bhaumik B., Dey K.

MATERIALS CHEMISTRY AND PHYSICS, vol.88, pp.357-363, 2004 (SCI-Expanded)

LIV. Long-term ageing behaviour of martensite in shape memory Cu-Al-Ni alloys

Aydogdu A., Aydogdu Y., Adiguzel O.

JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.153, pp.164-169, 2004 (SCI-Expanded)

LV. Thermal and optical properties of benzofuran-2-yl 3-phenyl-3-methylcyclobutyl thiosemicarbazone

KOCA A., Dagdelen F., AYDOĞDU Y.

MATERIALS LETTERS, vol.58, pp.2901-2905, 2004 (SCI-Expanded)

LVI. DC and AC conductivity and dielectric properties of the metal-radical compound: Aqua[bis(2-dimethylaminomethyl-4-NIT-phenolato)]copper(II)

Yakuphanoglu F., AYDOĞDU Y., Schatzschneider U., Rentschler E.

SOLID STATE COMMUNICATIONS, vol.128, pp.63-67, 2003 (SCI-Expanded)

LVII. Electrical conductivity and optical properties of copolymers based on 4-vinylpyridine and tetralincyclobutylhydroxyethylmethacrylate

Aydogdu Y., Erol I., Yakuphanoglu F., Aydogdu A., Ahmedzade M.

SYNTHETIC METALS, vol.139, no.2, pp.327-334, 2003 (SCI-Expanded)

LVIII. Solid state electrical conductivity properties of copper complexes of novel oxime compounds containing oxolane ring

Aydogdu Y., Yakuphanoglu F., Aydogdu A., Tas E., Cukurovali A.

- MATERIALS LETTERS, vol.57, pp.3755-3760, 2003 (SCI-Expanded)
- LIX. **Electrical and optical properties of semiconducting metal complexes**
Yakuphanoglu F., Dagdelen F., Aydogdu Y., Aydogdu A., Sekerci M.
MATERIALS LETTERS, vol.57, pp.3330-3340, 2003 (SCI-Expanded)
- LX. **Electrical conductivity, dielectric permittivity and thermal properties of the compound aqua[bis(2-dimethylaminomethyl-4-NIT-phenolato)] copper(II) including NaCl impurity**
Yakuphanoglu F., AYDOĞDU Y., Schatzschneider U., Rentschler E.
PHYSICA B-CONDENSED MATTER, vol.334, pp.443-450, 2003 (SCI-Expanded)
- LXI. **The synthesis, characterization, and electrical conductivity of the potassium salt of 1,3-dipiperidin-1-ylpropan-2-O-xanthate**
Yakuphanoglu F., Gorgulu A., Aydogdu Y., Aydogdu A., Arslan M.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.33, no.5, pp.911-923, 2003 (SCI-Expanded)
- LXII. **The electronic transport properties [Co-2(L)L '(dioxane)(2)(NO3)(2)](NO3)(2) of the complex**
Yakuphanoglu F., AYDOĞDU Y., Gomleksiz M., Sekerci M., Agan S., Alkan C.
MATERIALS LETTERS, vol.57, no.15, pp.2219-2224, 2003 (SCI-Expanded)
- LXIII. **Effects of thermal treatments on transformation behaviour in shape memory Cu-Al-Ni alloys**
Dagdelen F., Gokhan T., Aydogdu A., Aydogdu Y., Adiguzel O.
MATERIALS LETTERS, vol.57, pp.1079-1085, 2003 (SCI-Expanded)
- LXIV. **Electrical charge transport and optical properties of a poly(methacrylate) with a new side chain and its Ni(II) complex**
Yakuphanoglu F., Sarman S., AYDOĞDU Y., Ilter Z., Coskun M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.87, no.5, pp.741-746, 2003 (SCI-Expanded)
- LXV. **Synthesis, characterization, and electrical properties of metal complexes of 2-pyridinecarbaldehyde thiosemicarbazone**
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