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Personal Information

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DAVUTPAŞA ESENLER-İSTANBUL

Education Information

Doctorate, Oxford University, Mathematical, Physical And Life Sciences Division, Department Of Materials, United Kingdom 1990 - 1995

Dissertations

Doctorate, The Measurement of solid-liquid surface energy, University of Oxford-St. Edmund Hall, 1995

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Mechanical Properties, Physical Properties, Intermetallics, Metallic Materials, Thermal Properties, Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Equations of State, Phase Equilibria, and Phase Transitions, Thermal Properties of Condensed Matter, Surfaces, Interfaces, Thin Films and Nanosystems, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Yıldız Teknik Üniversitesi, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği, Metalurji Ve Malzeme Mühendisliği, 2013 - Continues

Professor, Erciyes Üniversitesi, Fen Fakültesi Fizik Bölüm, Fizik, 2005 - 2013

Associate Professor, Erciyes Üniversitesi, Fen Fakültesi Fizik Bölüm, Fizik, 2000 - 2005

Associate Professor, Iowa State University, Ames Laboratory, Department Of Metallurgical And Material Engineering, Department Of Materials, 2002 - 2003

Assistant Professor, Erciyes University, Fizik, 1996 - 2000

Research Assistant, Erciyes University, Fen Fakültesi, Fizik , 1995 - 1995

Research Assistant, University Of Oxford, Mathematical, Physical And Life Sciences Division, Department Of Materials, Department Of Materials, 1990 - 1995

Research Assistant, Erciyes University, Fen Fakültesi, Fizik , 1987 - 1990

Professional Experience

Head of Department, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Metalurji Ve Malzeme Mühendisliği, 2016 - Continues

Director of The Institution, Erciyes Üniversitesi, Department of Marine Engineering Operations, 2010 - 2013

BAP Scientific Commissioner, Erciyes Üniversitesi, Erciyes Üniversitesi Rektörlüğü, 2010 - 2013

Fakülte Yönetim Kurulu Üyesi, Erciyes Üniversitesi, Erciyes Üniversitesi Rektörlüğü, 2010 - 2013

Member of the Senate, Erciyes Üniversitesi, Erciyes Üniversitesi Rektörlüğü, 2010 - 2013

Fakülte Yönetim Kurulu Üyesi, Erciyes Üniversitesi, Fen Fakültesi, 2009 - 2010

Head of Department, Erciyes Üniversitesi, Fen Fakültesi, Fizik, 2009 - 2010

Assistant Director of the Institute, Erciyes Üniversitesi, Department of Marine Engineering Operations, 2004 - 2010

Head of Department, Erciyes Üniversitesi, Fen Fakültesi, Fizik, 2005 - 2009

Courses

ÇÖZELTİ TERMODİNAMİĞİ, Under Graduate, 2018 - 2019, 2019 - 2020, 2020 - 2021
Uzmanlık Alan Dersi (Doktora), Doctorate, 2017 - 2018, 2018 - 2019
Uzmanlık Alan Dersi (Yüksek Lisans), Post Graduate, 2017 - 2018, 2018 - 2019
İleri Faz Dönüşümleri ve Kinetiği- II, Doctorate, 2016 - 2017, 2017 - 2018, 2018 - 2019
Doktora Tezi, Doctorate, 2017 - 2018, 2018 - 2019
Malzeme Termodinamiği, Under Graduate, 2017 - 2018, 2019 - 2020
FİZİK, Under Graduate, 2018 - 2019
Isı Aktarımı, Under Graduate, 2017 - 2018, 2018 - 2019
Laboratuvar-I, Under Graduate, 2017 - 2018, 2018 - 2019
İleri Faz Dönüşümleri ve Kinetiği I, Doctorate, 2017 - 2018, 2018 - 2019
PHYSICS, Under Graduate, 2018 - 2019
Yüksek Lisans Tezi, Post Graduate, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
Metalurjik Üretimde Tasarım Uygulamaları, Under Graduate, 2017 - 2018, 2018 - 2019

Advising Theses

Maraşlı N., Yüksek elektrik gerilim altında ısı işleme tabi tutulmuş A7075 alaşımının mekanik ve fiziksel özelliklerinin incelenmesi, Post Graduate, Y.YAVUZ(Student), Continues
Maraşlı N., FARKLI YÖN VE BÜYÜKLÜKTE UYGULANAN DÜZGÜN ELEKTRİK ALAN ALTINDA KATILAŞTIRILAN Al-Cu ve Al-Ni ÖTEKTİK ALAŞIMLARIN MİKROYAPI VE MEKANİK ÖZELLİKLERİNİN ELEKTRİK ALANA BAĞLILIKLARININ İNCELENMESİ, Doctorate, S.BASİT(Student), Continues
Maraşlı N., Elektro-darbe etkisinde alüminyum esaslı çoklu alaşımların doğrusal katılaştırılması, Doctorate, M.EROL(Student), Continues
Maraşlı N., Al-Si ÖTEKTİK ALAŞIMININ MİKROYAPI VE MEKANİK ÖZELLİKLERİNİN ELEKTRİK ALANA BAĞLILIĞININ İNCELENMESİ, Post Graduate, S.BİRİNCİ(Student), Continues
Maraşlı N., Hanfnyum ve Bor Karbür katkılı polysterin yüksek durgun elektrik alan altında üretimi, Doctorate, T.TUNA(Student), Continues
Maraşlı N., Farklı yön ve büyüklükte elektrik alan altında katılaştırılan Al-Cu, Al-Ni ve Al-Si ötektik alaşımlarının termal iletkenliğinin uygulanan elektrik alanına bağlılığının incelenmesi. , Post Graduate, A.SARSU(Student), Continues
Maraşlı N., Elektro Metalik Alaşım Katkılanmış Polimer Malzemelerin Termofiziksel ve Mekaniksel Özelliklerinin İncelenmesi , Doctorate, Z.SUEDA(Student), Continues
Maraşlı N., Düzgün elektrik alan altında katılaştırılmış termoelektrik alaşımların mikroyapı, mekanik, termal iletkenlik ve elektrik iletkenliklerinin incelenmesi, Doctorate, A.BİLEN(Student), Continues
Maraşlı N., TİTANYUM, ZİRKONYUM VE BOR KATKILI A356 ALAŞIMLARININ TERMAL İLETKENLİKLERİNİN VE MEKANİK ÖZELLİKLERİNİN İNCELENMESİ , Post Graduate, Z.SUEDA(Student), 2020
Maraşlı N., Kontrollü doğrusal katılaştırılmış alüminyum içerikli çoklu ötektik alaşımların yapı parametreleri ile mekanik, termal ve elektriksel özelliklerinin katılaştırma hızına bağlılıklarının incelenmesi, Doctorate, Ü.BAYRAM(Student), 2017
Maraşlı N., Doğrusal katılaştırılmış çinko-alüminyum esaslı üçlü ötektik alaşımların yapı parametreleri ile mekanik ve elektriksel özelliklerinin katılaştırma hızına bağlılıklarının incelenmesi, Post Graduate, Y.KARAMAZI(Student), 2015
Maraşlı N., Doğrusal Katılaştırılmış Alüminyum Esaslı Çoklu Alaşımlar da Yapı Parametreleri, Mekanik ve Elektriksel Özelliklerinin Büyütme Hızına Bağlılığının İncelenmesi, Doctorate, Y.KAYGISIZ(Student), 2014
Maraşlı N., Çoklu Organik Alaşımların Katı-Sıvı Arayüzey Enerjilerinin Ölçümü, Post Graduate, A.ÖZER(Student), 2014
Maraşlı N., Kontrollü Katılaştırılmış Al-Co ve Sn-Zn Ötektik Alaşımlarının Mikroyapı Parametreleri ile Mekanik ve Elektriksel Özelliklerin Büyütme Hızına Bağlılığının İncelenmesi, Post Graduate, S.FARIDON(Student), 2013
Maraşlı N., Çoklu Alaşımların Doğrusal Katılaştırılması, Mekaniksel, Elektrik ve Termal Özelliklerinin İncelenmesi, Doctorate, S.ENGIN(Student), 2013
Maraşlı N., Doğrusal Katılaştırılmış Pb-Bi Alaşımlarında Mikroyapı ve Mikrosertliğin Katılaştırma Parametrelerine Bağlılığı, Post Graduate, Y.KOÇAK(Student), 2012
Maraşlı N., Organik Alaşımların Termofiziksel Özelliklerinin Tespiti, Post Graduate, Ü.BAYRAM(Student), 2011
Maraşlı N., Üçlü Metalik Alaşımların Katı-Sıvı Ara yüzey Enerjilerinin Ölçümü, Doctorate, S.AKBULUT(Student), 2010
Maraşlı N., İkili Metalik Alaşımların Katı-Sıvı Arayüzey Enerjisinin Ölçümü, Post Graduate, Y.KAYGISIZ(Student), 2010

Maraşlı N., Metalik Alaşımların Katı-Sıvı Arayüzey Enerjisinin Doğrusal Katılaştırma Yöntemiyle Tayin Edilmesi, Post Graduate, S.ENĞİN(Student), 2009

Maraşlı N., Üçlü Metalik Alaşımların Doğrusal Katılaştırılması ve Mekanik Özelliklerinin İncelenmesi, Doctorate, U.BÖYÜK(Student), 2009

Maraşlı N., Saf Dibromobenzene ve Dibromobenzene-Succinonitrile İkili Alaşımının Katı-Sıvı Arayüzey Enerjilerinin Ölçümü, Post Graduate, K.YÜCEER(Student), 2007

Maraşlı N., Bi-Cd ve Zn-Mg Ötektik Alaşımlarında Katı-Sıvı Ara yüzey Enerjileri, Doctorate, M.EROL(Student), 2006

Maraşlı N., İkili Saydam Monotektik Alaşımların Katı-Sıvı Arayüzey Enerjilerinin Ölçümü, Post Graduate, S.AKBULUT(Student), 2006

Maraşlı N., İkili Saydam Organik Alaşımların Katı-Sıvı Arayüzey Enerjilerinin Ölçümü, Post Graduate, U.BÖYÜK(Student), 2005

Maraşlı N., İkili Saydam Organik Alaşımların Kontrollü Katılaştırılması, Post Graduate, B.ARSLAN(Student), 2003

Maraşlı N., Katı-Sıvı Arayüzey Enerjisinin Ölçümü, Doctorate, K.KEŞLİÖĞLU(Student), 2002

Maraşlı N., İkili Saydam Organik Alaşımların Katı-Sıvı Arayüzey Enerjilerinin Ölçümü, Post Graduate, A.UÇKAN(Student), 2000

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

- **Effects of Growth Rate on Eutectic Spacing, Microhardness, and Ultimate Tensile Strength in the Al-Cu-Ti Eutectic Alloy**
Bayram U., MARAŞLI N.
PHYSICS OF METALS AND METALLOGRAPHY, vol.121, pp.382-390, 2020 (Journal Indexed in SCI)
- **Electro growth of Al[β]Cu eutectic alloy**
BASİT S., Birinci S., MARAŞLI N.
Materials Characterization, vol.161, no.110157, 2020 (Journal Indexed in SCI)
- **Directionally Solidified Al-Cu-Si-Fe Quaternary Eutectic Alloys**
BÜYÜK U., Engin S., KAYA H., cadirli E., MARAŞLI N.
PHYSICS OF METALS AND METALLOGRAPHY, vol.121, pp.78-83, 2020 (Journal Indexed in SCI)
- **Effect of Sn contents on thermodynamic, microstructure and mechanical properties in the Zn 90 –Bi 10 and Bi 88 –Zn 12 based ternary alloys**
Esener P. A. , Altıntaş Y., Bayram Ü., Öztürk E., Maraşlı N., Aksöz S.
Journal of Materials Science: Materials in Electronics, vol.30, pp.3678-3691, 2019 (Journal Indexed in SCI)
- **Influence of Growth Rate on Eutectic Spacing, Microhardness, and Ultimate Tensile Strength in the Directionally Solidified Al-Cu-Ni Eutectic Alloy**
Bayram U., Maraşlı N.
METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE, vol.49, pp.3293-3305, 2018 (Journal Indexed in SCI)
- **Thermal conductivity and electrical resistivity dependences on growth rate in the directionally solidified Al-Cu-Ni eutectic alloy**
Bayram U., MARAŞLI N.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.753, pp.695-702, 2018 (Journal Indexed in SCI)
- **Thermophysical properties of NPG solid solution in the NPG-SCN organic system**
Karadag S. B. , ÖZTÜRK E., Aksoz S., MARAŞLI N.
INTERNATIONAL JOURNAL OF MATERIALS RESEARCH, vol.109, pp.219-224, 2018 (Journal Indexed in SCI)
- **Directional solidification of Al-Cu-Si-Mg quaternary eutectic alloy**
Kaygisiz Y., MARAŞLI N.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.721, pp.764-771, 2017 (Journal Indexed in SCI)
- **Microstructural, mechanical, and electrical characterization of directionally solidified Al-Cu-Mg eutectic alloy**
Kaygisiz Y., MARAŞLI N.
PHYSICS OF METALS AND METALLOGRAPHY, vol.118, pp.389-398, 2017 (Journal Indexed in SCI)
- **Hardness and Electrical Resistivity of Al-13 wt % Mg₂Si Pseudoeutectic Alloy**
Kaygisiz Y., MARAŞLI N.

RUSSIAN JOURNAL OF NON-FERROUS METALS, vol.58, pp.15-21, 2017 (Journal Indexed in SCI)

- **Experimental measurements of some thermophysical properties of solid CdSb intermetallic in the Sn-Cd-Sb ternary alloy**
ÖZTÜRK E., Aksoz S., ALTINTAS Y., Keslioglu K., MARAŞLI N.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.126, pp.1059-1065, 2016 (Journal Indexed in SCI)
- **Dependence of microstructure, microhardness, tensile strength and electrical resistivity on growth rates for directionally solidified Zn-Al-Sb eutectic alloy**
Bayram U., Karamazi Y., Ata P., Aksoz S., Keslioglu K., MARAŞLI N.
INTERNATIONAL JOURNAL OF MATERIALS RESEARCH, vol.107, pp.1005-1015, 2016 (Journal Indexed in SCI)
- **Thermal Conductivity of Solid Phases for Naphtol, Camphene, Salol, and Bezil**
Bayram U., Keslioglu K., Aksoz S., MARAŞLI N.
JOURNAL OF THERMOPHYSICS AND HEAT TRANSFER, vol.30, pp.730-736, 2016 (Journal Indexed in SCI)
- **Dependence of microstructural, mechanical and electrical properties on growth rates in directional solidified Zn-Al-Bi eutectic alloy**
Karamazi Y., Bayram U., Ata P., Aksoz S., Keslioglu K., MARAŞLI N.
TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, vol.26, pp.2320-2335, 2016 (Journal Indexed in SCI)
- **The experimental determination of thermophysical properties of intermetallic CuAl₂ phase in equilibrium with (Al plus Cu plus Si) liquid**
Altintas Y., Aksoz S., Keslioglu K., MARAŞLI N.
JOURNAL OF CHEMICAL THERMODYNAMICS, vol.97, pp.235-241, 2016 (Journal Indexed in SCI)
- **The effects of microstructure and growth rate on microhardness, tensile strength, and electrical resistivity for directionally solidified Al-Ni-Fe alloys**
Engin S., BÜYÜK U., MARAŞLI N.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.660, pp.23-31, 2016 (Journal Indexed in SCI)
- **The measurements of electrical and thermal conductivity variations with temperature and phonon component of the thermal conductivity in Sn-Cd-Sb, Sn-In-Cu, Sn-Ag-Bi and Sn-Bi-Zn alloys**
ALTINTAS Y., Kaygisiz Y., ÖZTÜRK E., Aksoz S., Keslioglu K., MARAŞLI N.
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.100, pp.1-9, 2016 (Journal Indexed in SCI)
- **Solid-Liquid Interfacial Energy of Solid Succinonitrile in Equilibrium with Succinonitrile-(D) Camphor-Aminomethylpropanediol Eutectic Liquid**
Ata P., Karamazi Y., Bayram U., Aksoz S., Keslioglu K., MARAŞLI N.
INTERNATIONAL JOURNAL OF THERMOPHYSICS, vol.37, 2016 (Journal Indexed in SCI)
- **Determination of thermodynamic properties of aluminum based binary and ternary alloys**
Altintas Y., Aksoz S., Keslioglu K., MARAŞLI N.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.649, pp.453-460, 2015 (Journal Indexed in SCI)
- **Thermal conductivity and interfacial energy of solid Bi in the Bi-Ag eutectic system**
Altintas Y., ÖZTÜRK E., Aksoz S., Keslioglu K., MARAŞLI N.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.122, pp.65-72, 2015 (Journal Indexed in SCI)
- **The Experimental Determination of Interfacial Energies for Solid Zn in Equilibrium with Zn-Al-Sb Liquid**
ALTINTAS Y., ÖZTÜRK E., Aksoz S., Keslioglu K., MARAŞLI N.
METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE, vol.46, pp.2084-2095, 2015 (Journal Indexed in SCI)
- **Experimental determination of interfacial energies for solid Sn in equilibrium with Sn-Mg-Zn liquid**
ALTINTAS Y., ÖZTÜRK E., Aksoz S., Keslioglu K., Marasli N.
METALS AND MATERIALS INTERNATIONAL, vol.21, pp.286-294, 2015 (Journal Indexed in SCI)
- **Solid-liquid interfacial energy of solid succinonitrile in equilibrium with succinonitrile-1,4-diiodobenzene eutectic liquid**
Ersoy S. B. , ALTINTAS Y., Karadag S. B. , Aksoz S., Keslioglu K., MARAŞLI N.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.119, pp.1867-1874, 2015 (Journal Indexed in SCI)
- **Microstructural, mechanical and electrical characterization of directionally solidified Al-Si-Mg eutectic alloy**
Kaygisiz Y., MARAŞLI N.

JOURNAL OF ALLOYS AND COMPOUNDS, vol.618, pp.197-203, 2015 (Journal Indexed in SCI)

- **DIRECTIONAL SOLIDIFICATION OF Zn-Al-Cu EUTECTIC ALLOY BY THE VERTICAL BRIDGMAN METHOD**

BÜYÜK U., Engin S., MARAŞLI N.

JOURNAL OF MINING AND METALLURGY SECTION B-METALLURGY, vol.51, pp.67-72, 2015 (Journal Indexed in SCI)

- **Temperature dependency of thermal conductivity of solid phases for fatty acids**

Bayram U., Aksoz S., MARAŞLI N.

JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.118, pp.311-321, 2014 (Journal Indexed in SCI)

- **The Measurement of Thermal Conductivity Variation with Temperature for Sn-Based Lead-Free Binary Solders**

Demir M., Aksoz S., ÖZTÜRK E., MARAŞLI N.

METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE, vol.45, pp.1739-1749, 2014 (Journal Indexed in SCI)

- **The Experimental Determination of Interfacial Energies for Solid Cd in Equilibrium with Sn-Cd-Sb Liquid**

ÖZTÜRK E., Aksoz S., Keslioglu K., MARAŞLI N.

METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, pp.1161-1170, 2014 (Journal Indexed in SCI)

- **Thermal Conductivity Variation with Temperature for Lead-Free Ternary Eutectic Solders**

Aksoz N., ÖZTÜRK E., Bayram U., Aksoz S., Kervan S., ÜLGEN A., MARAŞLI N.

JOURNAL OF ELECTRONIC MATERIALS, vol.42, pp.3573-3581, 2013 (Journal Indexed in SCI)

- **Solid-liquid interfacial energy of solid succinonitrile solution in equilibrium with succinonitrile-neopentylglycol eutectic liquid**

Karadag S. B. , Altintas Y., ÖZTÜRK E., Aksoz S., Keslioglu K., MARAŞLI N.

JOURNAL OF CRYSTAL GROWTH, vol.380, pp.209-217, 2013 (Journal Indexed in SCI)

- **Solid-Liquid Interfacial Energy of Solid Neopentylglycol Solution in Equilibrium with Neopentylglycol-Aminomethylpropanediol Eutectic Liquid**

Bayram U., Ozer A., Aksoz S., MARAŞLI N.

METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, pp.4042-4050, 2013 (Journal Indexed in SCI)

- **Measurements of Thermal Conductivity Variations with Temperature for the Organic Analog of the Nonmetal-Nonmetal System: Urea-4-Bromo-2-Nitroaniline**

Bayram U., ÖZTÜRK E., Aksoz S., Marasli N.

METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, pp.4051-4058, 2013 (Journal Indexed in SCI)

- **The influence of the growth rate on the eutectic spacings, undercoolings and microhardness of directional solidified bismuth-lead eutectic alloy**

Kocak Y., Engin S., Boyuk U., Marasli N.

CURRENT APPLIED PHYSICS, vol.13, pp.587-593, 2013 (Journal Indexed in SCI)

- **The measurement of interfacial energies for solid Sn solution in equilibrium with the Sn-Bi-Ag liquid**

ÖZTÜRK E., Aksoz S., Keslioglu K., Marasli N.

MATERIALS CHEMISTRY AND PHYSICS, vol.139, pp.153-160, 2013 (Journal Indexed in SCI)

- **The measurement of thermal conductivity variation with temperature for Sn-20 wt.% In based lead-free ternary solders**

ÖZTÜRK E., Aksoz S., Keslioglu K., Marasli N.

THERMOCHIMICA ACTA, vol.554, pp.63-70, 2013 (Journal Indexed in SCI)

- **Solid-liquid interfacial energy of solid aminomethylpropanediol solution in equilibrium with aminomethylpropanediol-neopentylglycol-D camphor liquid**

Bayram U., Aksoz S., Marasli N.

THERMOCHIMICA ACTA, vol.554, pp.48-53, 2013 (Journal Indexed in SCI)

- **Solid-liquid interfacial energy of neopentylglycol solid solution in equilibrium with succinonitrile-neopentylglycol-aminomethylpropanediol liquid**

ÖZER A., Bayram U., Aksoz S., Marasli N.

JOURNAL OF CRYSTAL GROWTH, vol.364, pp.34-39, 2013 (Journal Indexed in SCI)

- **Effects of growth rate on the physical and mechanical properties of Sn-3.7Ag-0.9Zn eutectic alloy**
BOYUK U., ENGIN S., KAYA H., MARAŞLI N., CADIRLI E., ŞAHİN M.
INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, vol.8, pp.302-309, 2013 (Journal Indexed in SCI Expanded)
- **Influence of growth rate on microstructure, microhardness, and electrical resistivity of directionally solidified Al-7 wt% Ni hypo-eutectic alloy**
KAYA H., Boyuk U., CADIRLI E., Marasli N.
METALS AND MATERIALS INTERNATIONAL, vol.19, pp.39-44, 2013 (Journal Indexed in SCI)
- **The measurement of thermal conductivity variation with temperature for solid materials**
Aksoz S., ÖZTÜRK E., Marasli N.
MEASUREMENT, vol.46, pp.161-170, 2013 (Journal Indexed in SCI)
- **Variations of thermal conductivity with temperature and composition of Zn in the Bi-[x] at.% Zn-2 at.% Al alloys**
Aksoz S., Marasli N., Keslioglu K., Yıldiz F.
THERMOCHIMICA ACTA, vol.547, pp.1-5, 2012 (Journal Indexed in SCI)
- **Thermal and electrical conductivities of silver-indium-tin alloys**
Aksoz S., Marasli N.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.73, pp.902-910, 2012 (Journal Indexed in SCI)
- **Effect of solidification parameters on the microstructure of directionally solidified Sn-Bi-Zn lead-free solder**
CADIRLI E., Boyuk U., KAYA H., Marasli N.
METALS AND MATERIALS INTERNATIONAL, vol.18, pp.349-354, 2012 (Journal Indexed in SCI)
- **Dependency of thermal conductivity on the temperature and composition of D-camphor in the neopentylglycol-D-camphor alloys**
Bayram U., Aksoz S., Marasli N.
THERMOCHIMICA ACTA, vol.531, pp.12-20, 2012 (Journal Indexed in SCI)
- **Measurements of the microhardness, electrical and thermal properties of the Al-Ni eutectic alloy**
KAYA H., Boyuk U., CADIRLI E., Marasli N.
MATERIALS & DESIGN, vol.34, pp.707-712, 2012 (Journal Indexed in SCI)
- **Experimental Determination of Interfacial Energy for Solid Zn Solution in the Sn-Zn Eutectic System**
Meydaneri F., Payveren M., SAATÇI B., Ozdemir M., Marasli N.
METALS AND MATERIALS INTERNATIONAL, vol.18, pp.95-104, 2012 (Journal Indexed in SCI)
- **Variations of microhardness with solidification parameters and electrical resistivity with temperature for Al-Cu-Ag eutectic alloy**
Boyuk U., Marasli N., CADIRLI E., KAYA H., Keslioglu K.
CURRENT APPLIED PHYSICS, vol.12, pp.7-10, 2012 (Journal Indexed in SCI)
- **Solid-liquid interfacial energy of neopentylglycol solid solution in equilibrium with neopentylglycol-(D) camphor eutectic liquid**
Bayram U., Aksoz S., Marasli N.
JOURNAL OF CRYSTAL GROWTH, vol.338, pp.181-188, 2012 (Journal Indexed in SCI)
- **Directional solidification and physical properties measurements of the zinc-aluminum eutectic alloy**
Engin S., Boyuk U., KAYA H., Marasli N.
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, vol.18, pp.659-664, 2011 (Journal Indexed in SCI)
- **Microstructural characterization of unidirectional solidified eutectic Al-Si-Ni alloy**
Boyuk U., Engin S., Marasli N.
MATERIALS CHARACTERIZATION, vol.62, pp.844-851, 2011 (Journal Indexed in SCI)
- **Determination of mechanical, electrical and thermal properties of the Sn-Bi-Zn ternary alloy**
CADIRLI E., Boyuk U., KAYA H., Marasli N.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.357, pp.2876-2881, 2011 (Journal Indexed in SCI)
- **Determination of solid-liquid interfacial energy for a solid Sn in equilibrium with a Sn-Ag-Zn eutectic liquid**
Engin S., Boyuk U., Marasli N.

CURRENT APPLIED PHYSICS, vol.11, pp.1060-1066, 2011 (Journal Indexed in SCI)

- **Thermal conductivity and interfacial energies of solid Sn₃Sb₂ in the Sn-Sb peritectic system**
Kaygisiz Y., Ocak Y., Aksoz S., Keslioglu K., Marasli N.
THERMOCHIMICA ACTA, vol.520, pp.25-32, 2011 (Journal Indexed in SCI)
- **Experimental determination of thermal conductivity and interfacial energies of solid Pb solution in the Pb-Sb eutectic system**
Karabulut L., Aksoz S., Keslioglu K., Marasli N., Ocak Y.
CHEMICAL PHYSICS LETTERS, vol.503, pp.220-225, 2011 (Journal Indexed in SCI)
- **Determination of thermal conductivity and interfacial energy of solid Zn solution in the Zn-Al-Bi eutectic system**
Aksoz S., Ocak Y., Marasli N., Keslioglu K.
EXPERIMENTAL THERMAL AND FLUID SCIENCE, vol.35, pp.395-404, 2011 (Journal Indexed in SCI)
- **Dependence of Electrical Resistivity on Temperature and Sn Content in Pb-Sn Solders**
CADIRLI E., Boyuk U., KAYA H., Marasli N., Aksoz S., Ocak Y.
JOURNAL OF ELECTRONIC MATERIALS, vol.40, pp.195-200, 2011 (Journal Indexed in SCI)
- **Dependency of the thermal and electrical conductivity on the temperature and composition of Cu in the Al based Al-Cu alloys**
Aksoz S., Ocak Y., Marasli N., CADIRLI E., KAYA H., Boyuk U.
EXPERIMENTAL THERMAL AND FLUID SCIENCE, vol.34, pp.1507-1516, 2010 (Journal Indexed in SCI)
- **Experimental determination of thermal conductivity and solid-liquid interfacial energy of solid Ag₃Sn intermetallic in the Sn-Ag-In ternary alloy**
Ocak Y., Aksoz S., Marasli N., Keslioglu K.
INTERMETALLICS, vol.18, pp.2250-2258, 2010 (Journal Indexed in SCI)
- **Effect of solidification parameters on the microstructure of Sn-3.7Ag-0.9Zn solder**
Boyuk U., Engin S., KAYA H., Marasli N.
MATERIALS CHARACTERIZATION, vol.61, pp.1260-1267, 2010 (Journal Indexed in SCI)
- **Thermal conductivity and interfacial energies of solid Sn solution in the Sn-Ag-In ternary alloy**
Ocak Y., Aksoz S., Marasli N., Keslioglu K.
CHEMICAL PHYSICS LETTERS, vol.496, pp.263-269, 2010 (Journal Indexed in SCI)
- **Dependency of thermal and electrical conductivity on temperature and composition of Sn in Pb-Sn alloys**
Ocak Y., Aksoz S., Marasli N., CADIRLI E.
FLUID PHASE EQUILIBRIA, vol.295, pp.60-67, 2010 (Journal Indexed in SCI)
- **Thermal and electrical conductivity of Sn-Ag-In alloys**
Ocak Y., Aksoz S., Marasli N., Keslioglu K.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.356, pp.1795-1801, 2010 (Journal Indexed in SCI)
- **Thermal conductivity and interfacial energy of solid Bi solution in the Bi-Al-Zn eutectic system**
Aksoz S., Ocak Y., Marasli N., Keslioglu K.
FLUID PHASE EQUILIBRIA, vol.293, pp.32-41, 2010 (Journal Indexed in SCI)
- **Investigation of the effect of solidification processing parameters on the rod spacings and variation of microhardness with the rod spacing in the Sn-Cu hypereutectic alloy**
CADIRLI E., Boyuk U., Engin S., KAYA H., Marasli N., Keslioglu K., ÜLGEN A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.21, pp.608-618, 2010 (Journal Indexed in SCI)
- **Determination of thermo-electrical properties in Sn based alloys**
Aksoz S., Ocak Y., Keslioglu K., Marasli N.
METALS AND MATERIALS INTERNATIONAL, vol.16, pp.507-515, 2010 (Journal Indexed in SCI)
- **Interfacial energies of solid CuAl₂ in the CuAl₂-Ag₂Al pseudo binary alloy**
Ocak Y., Aksoz S., Keslioglu K., Marasli N., CADIRLI E., KAYA H.
THIN SOLID FILMS, vol.518, pp.4322-4327, 2010 (Journal Indexed in SCI)
- **Investigation of microhardness and thermo-electrical properties in the Sn-Cu hypereutectic alloy**
CADIRLI E., Boyuk U., Engin S., KAYA H., Marasli N., ARI M.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.21, pp.468-474, 2010 (Journal Indexed in SCI)

- **Measurements of Microhardness and Thermal and Electrical Properties of the Binary Zn-0.7wt.%Cu Hypoperitectic Alloy**
 KAYA H., Boyuk U., Engin S., CADIRLI E., Marasli N.
 JOURNAL OF ELECTRONIC MATERIALS, vol.39, pp.303-311, 2010 (Journal Indexed in SCI)
- **Investigation of the effect of solidification processing parameters on microhardness and determination of thermo-physical properties in the Zn-Cu peritectic alloy**
 Boyuk U., KAYA H., CADIRLI E., Marasli N., ÜLGEN A.
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.491, pp.143-148, 2010 (Journal Indexed in SCI)
- **Dependency of eutectic spacings and microhardness on the temperature gradient for directionally solidified Sn-Ag-Cu lead-free solder**
 Boyuk U., Marasli N.
 MATERIALS CHEMISTRY AND PHYSICS, vol.119, pp.442-448, 2010 (Journal Indexed in SCI)
- **Determination of Interfacial Energies for Solid Al Solution in Equilibrium with Al-Cu-Ag Liquid**
 Keslioglu K., Ocak Y., Aksoz S., Marasli N., CADIRLI E., KAYA H.
 METALS AND MATERIALS INTERNATIONAL, vol.16, pp.51-59, 2010 (Journal Indexed in SCI)
- **Thermal conductivity and interfacial energies of solid Sn in the Sn-Cu alloy**
 Kaygisiz Y., Ocak Y., Aksoz S., Marasli N., Keslioglu K., CADIRLI E., KAYA H.
 CHEMICAL PHYSICS LETTERS, vol.484, pp.219-224, 2010 (Journal Indexed in SCI)
- **Unidirectional solidification of aluminium-nickel eutectic alloy**
 KAYA H., Boyuk U., CADIRLI E., Marasli N.
 KOVOVE MATERIALY-METALLIC MATERIALS, vol.48, pp.291-300, 2010 (Journal Indexed in SCI)
- **A study of microstructure and solidification behaviour of Zn-Cu alloy**
 Boyuk U., Engin S., KAYA H., CADIRLI E., Marasli N., Keslioglu K.
 KOVOVE MATERIALY-METALLIC MATERIALS, vol.48, pp.117-126, 2010 (Journal Indexed in SCI)
- **Determination of interfacial energies in the Al-Ag and Sn-Ag alloys by using Bridgman type solidification apparatus**
 Engin S., Boyuk U., Marasli N.
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.488, pp.138-143, 2009 (Journal Indexed in SCI)
- **Experimental determination of solid-solid and solid-liquid interfacial energies of solid epsilon (CuZn5) in the Zn-Cu alloy**
 Kaygisiz Y., Akbulut S., Ocak Y., Keslioglu K., Marasli N., CADIRLI E., KAYA H.
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.487, pp.103-108, 2009 (Journal Indexed in SCI)
- **Experimental investigation of the effect of solidification processing parameters on the rod spacings in the Sn-1.2 wt.% Cu alloy**
 CADIRLI E., Boyuk U., Engin S., KAYA H., Marasli N., ÜLGEN A.
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.486, pp.199-206, 2009 (Journal Indexed in SCI)
- **Unidirectional solidification of Zn-rich Zn-Cu hypoperitectic alloy**
 KAYA H., Engin S., Boyuk U., CADIRLI E., Marasli N.
 JOURNAL OF MATERIALS RESEARCH, vol.24, pp.3422-3431, 2009 (Journal Indexed in SCI)
- **The microstructure parameters and microhardness of directionally solidified Sn-Ag-Cu eutectic alloy**
 Boyuk U., Marasli N.
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.485, pp.264-269, 2009 (Journal Indexed in SCI)
- **The Dependence of Lamellar Spacings and Microhardness on the Growth Rate in the Directionally Solidified Bi-43 wt.% Sn Alloy at a Constant Temperature Gradient**
 CADIRLI E., KAYA H., Marasli N.
 METALS AND MATERIALS INTERNATIONAL, vol.15, pp.741-751, 2009 (Journal Indexed in SCI)
- **Experimental determination of interfacial energies for Ag₂Al solid solution in the CuAl₂-Ag₂Al system**
 Ocak Y., Akbulut S., Keslioglu K., Marasli N., CADIRLI E., KAYA H.
 CHINESE PHYSICS B, vol.18, pp.3952-3959, 2009 (Journal Indexed in SCI)
- **DETERMINATION OF ANISOTROPY OF CRYSTAL-MELT INTERFACIAL ENERGY FROM THE OBSERVED GRAIN BOUNDARY GROOVE SHAPES AT MULTIPLE ORIENTATIONS**
 Erol M., Marasli N., Boyuk U.
 SURFACE REVIEW AND LETTERS, vol.16, pp.579-588, 2009 (Journal Indexed in SCI)

- **Investigation of directional solidified Al-Ti alloy**
 KAYA H., CADIRLI E., Boyuk U., Marasli N.
 JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.355, pp.1231-1239, 2009 (Journal Indexed in SCI)
- **Dependency of microindentation hardness on solidification processing parameters and cellular spacing in the directionally solidified Al based alloys**
 KAYA H., Guenduez M., Cadirli E., Marasli N.
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.478, pp.281-286, 2009 (Journal Indexed in SCI)
- **Directional solidification of Al-Cu-Ag alloy**
 Boyuk U., Marasli N., KAYA H., CADIRLI E., Keslioglu K.
 APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.95, pp.923-932, 2009 (Journal Indexed in SCI)
- **Novel experimental technique to observe equilibrated grain boundary groove shapes in opaque alloys**
 Boeyuek U., Engin S., Marasli N.
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.476, pp.213-219, 2009 (Journal Indexed in SCI)
- **MEASUREMENTS OF SOLID-LIQUID INTERFACIAL ENERGIES IN THE ORGANIC MONOTECTIC ALLOYS**
 Boyuk U., Yuceer K., Keslioglu K., ÜLGEN A., Marasli N.
 SURFACE REVIEW AND LETTERS, vol.16, pp.203-214, 2009 (Journal Indexed in SCI)
- **Interfacial energies of carbon tetrabromide**
 Boeyuek U., Marasli N.
 CURRENT APPLIED PHYSICS, vol.9, pp.359-366, 2009 (Journal Indexed in SCI)
- **Determination of interfacial energies of solid Sn solution in the In-Bi-Sn ternary alloy**
 Akbulut S., Ocak Y., Marasli N., Keslioglu K., KAYA H., CADIRLI E.
 MATERIALS CHARACTERIZATION, vol.60, pp.183-192, 2009 (Journal Indexed in SCI)
- **The effect of growth rate on microstructure and microindentation hardness in the In-Bi-Sn ternary alloy at low melting point**
 CADIRLI E., Boyuk U., KAYA H., Marasli N., Keslioglu K., Akbulut S., Ocak Y.
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.470, pp.150-156, 2009 (Journal Indexed in SCI)
- **Thermal conductivities of solid and liquid phases for neopentylglycol, aminomethylpropanediol and their binary alloy**
 Akbulut S., Ocak Y., Keslioglu K., Marasli N.
 JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.70, pp.72-78, 2009 (Journal Indexed in SCI)
- **Variations of microhardness with the solidification processing parameters and thermo-electrical properties with the temperature in the Sn-Cu alloy**
 CADIRLI E., Boyuk U., Engin S., KAYA H., Marasli N.
 KOVOVE MATERIALY-METALLIC MATERIALS, vol.47, pp.381-387, 2009 (Journal Indexed in SCI)
- **Determination of interfacial energies in the aminomethylpropanediol-neopentylglycol organic alloy**
 Akbulut S., Ocak Y., Keslioglu K., Marasli N.
 APPLIED SURFACE SCIENCE, vol.255, pp.3594-3599, 2009 (Journal Indexed in SCI)
- **Variation of microindentation hardness with solidification and microstructure parameters in the Al based alloys**
 KAYA H., CADIRLI E., Boyuk U., Marasli N.
 APPLIED SURFACE SCIENCE, vol.255, pp.3071-3078, 2008 (Journal Indexed in SCI)
- **Dependency of Microstructural Parameters and Microindentation Hardness on the Temperature Gradient in the In-Bi-Sn Ternary Alloy with a Low Melting Point**
 KAYA H., Boyuk U., CADIRLI E., Ocak Y., Akbulut S., Keslioglu K., Marasli N.
 METALS AND MATERIALS INTERNATIONAL, vol.14, pp.575-582, 2008 (Journal Indexed in SCI)
- **Determination of solid-liquid interfacial energies in the In-Bi-Sn ternary alloy**
 Akbulut S., Ocak Y., Marasli N., Keslioglu K., KAYA H., CADIRLI E.
 JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.41, 2008 (Journal Indexed in SCI)
- **Investigation of liquid composition effect on Gibbs-Thomson coefficient and solid-liquid interfacial energy in SCN based binary alloys**
 Boeyuek U., Marasli N.
 MATERIALS CHARACTERIZATION, vol.59, pp.998-1006, 2008 (Journal Indexed in SCI)

- **Interfacial energy of solid In₂Bi intermetallic phase in equilibrium with In-Bi eutectic liquid at 72 degrees C equilibrating temperature**
Akbulut S., Ocak Y., Marasli N., Keslioglu K., Boeyuek U., CADIRLI E., KAYA H.
MATERIALS CHARACTERIZATION, vol.59, pp.1101-1110, 2008 (Journal Indexed in SCI)
- **Effects of growth rate and temperature gradient on the microstructure parameters in the directionally solidified succinonitrile-7.5 wt.% carbon tetrabromide alloy**
Marasli N., Keslioglu K., Arslan B., KAYA H., CADIRLI E.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.202, pp.145-155, 2008 (Journal Indexed in SCI)
- **Solid-liquid interfacial energy of neopentylglycol**
Ocak Y., Akbulut S., Keslioglu K., Marasli N.
JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol.320, pp.555-562, 2008 (Journal Indexed in SCI)
- **Interfacial energy of solid bismuth in equilibrium with Bi-In eutectic liquid at 109.5 degrees C equilibrating temperature**
Ocak Y., Akbulut S., Marasli N., Keslioglu K., Boeyuek U., KAYA H., CADIRLI E.
METALS AND MATERIALS INTERNATIONAL, vol.14, pp.177-187, 2008 (Journal Indexed in SCI)
- **Solid-liquid interfacial energy of aminomethylpropanediol**
Ocak Y., Akbulut S., Keslioglu K., Marasli N.
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.41, 2008 (Journal Indexed in SCI)
- **Measurement of solid-liquid interfacial energy in the In-Bi eutectic alloy at low melting temperature**
Marasli N., Akbulut S., Ocak Y., Keslioglu K., Boeyuek U., KAYA H., CADIRLI E.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.19, 2007 (Journal Indexed in SCI)
- **Interfacial energies of p-dichlorobenzene-succinonitrile alloy**
PEHLIVANOGLU T., BOEYUEK U., KESLIOGLU K., UELGEN A., Marasli N.
THERMOCHIMICA ACTA, vol.463, pp.44-52, 2007 (Journal Indexed in SCI)
- **Effect of solidification processing parameters on the cellular spacings in the Al-0.1 wt% Ti and Al-0.5 wt% Ti alloys**
GUNDUZ M., KAYA H., CADIRLI E., Marasli N., KESLIOGLU K., SAATCI B.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.439, pp.114-127, 2007 (Journal Indexed in SCI)
- **Measurement of solid-liquid interfacial energy for solid Zn in equilibrium with the ZnMg eutectic liquid**
EROL M., KESLIOGLU K., Marasli N.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, pp.1539-1545, 2007 (Journal Indexed in SCI)
- **Solid-liquid interfacial energy of the solid Mg₂Zn₁₁ phase in equilibrium with Zn-Mg eutectic liquid**
EROL M., KESLIOGLU K., Marasli N.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.19, 2007 (Journal Indexed in SCI)
- **Solid-liquid interfacial energy of dichlorobenzene**
BOYUK U., KESLIOGLU K., Marasli N.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.19, 2007 (Journal Indexed in SCI)
- **Thermal conductivities of solid and liquid phases in Pb-Cd and Sn-Zn binary eutectic alloys**
SAATCI B., Marasli N., GUENDUEZ M.
THERMOCHIMICA ACTA, vol.454, pp.128-134, 2007 (Journal Indexed in SCI)
- **Solid-liquid interfacial energy of pyrene**
AKBULUT S., OCAK Y., BOYUK U., EROL M., KESLIOGLU K., Marasli N.
JOURNAL OF APPLIED PHYSICS, vol.100, 2006 (Journal Indexed in SCI)
- **Experimental determination of solid-liquid interfacial energy for succinonitrile solid solution in equilibrium with the succinonitrile-(D) camphor eutectic liquid**
KESLIOGLU K., BOYUK U., EROL M., Marasli N.
JOURNAL OF MATERIALS SCIENCE, vol.41, pp.7939-7943, 2006 (Journal Indexed in SCI)
- **Measurement of solid-liquid interfacial energy in the pyrene succinonitrile monotectic system**
AKBULUT S., OCAK Y., BOYUK U., EROL M., KESLIOGLU K., Marasli N.
JOURNAL OF PHYSICS-CONDENSED MATTER, vol.18, pp.8403-8412, 2006 (Journal Indexed in SCI)
- **Measurement of solid-liquid interfacial energy for solid D-camphor solution in equilibrium with succinonitrile D-camphor eutectic liquid**

OCAK Y., AKBULUT S., BOYUK U., EROL M., KESLIOGLU K., Marasli N.
SCRIPTA MATERIALIA, vol.55, pp.235-238, 2006 (Journal Indexed in SCI)

- **Solid-liquid interfacial energy for solid succinonitrile in equilibrium with succinonitrile dichlorobenzene eutectic liquid**
OCAK Y., AKBULUT S., BOYUK U., EROL M., KESLIOGLU K., Marasli N.
THERMOCHIMICA ACTA, vol.445, pp.86-91, 2006 (Journal Indexed in SCI)
- **Experimental determination of thermal conductivity of solid and liquid phases in Bi-Sn and Zn-Mg binary eutectic alloys**
EROL M., KEŞLİOĞLU K., SAHINGOZ R., Marasli N.
METALS AND MATERIALS INTERNATIONAL, vol.11, pp.421-428, 2005 (Journal Indexed in SCI)
- **Measurement of solid-liquid interfacial energy in succinonitrile-pyrene eutectic system**
BOYUK U., KEŞLİOĞLU K., EROL M., Marasli N.
MATERIALS LETTERS, vol.59, pp.2953-2958, 2005 (Journal Indexed in SCI)
- **Dependency of the dendritic arm spacings and tip radius on the growth rate and composition in the directionally solidified succinonitrile-carbon tetrabromide alloys**
KAYA H., CADIRLI E., KEŞLİOĞLU K., Marasli N.
JOURNAL OF CRYSTAL GROWTH, vol.276, pp.583-593, 2005 (Journal Indexed in SCI)
- **Experimental determination of solid-liquid interfacial energy for solid Cd in Bi-Cd liquid solutions**
KEŞLİOĞLU K., EROL M., Marasli N., GUNDUZ M.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.385, pp.207-213, 2004 (Journal Indexed in SCI)
- **Experimental determination of solid-liquid interfacial energy for Zn solid solution in equilibrium with the Zn-Al eutectic liquid**
KEŞLİOĞLU K., Marasli N.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, pp.3665-3672, 2004 (Journal Indexed in SCI)
- **Solid-liquid interfacial energy of bismuth in the Bi-Cd eutectic system**
EROL M., Marasli N., KEŞLİOĞLU K., GUNDUZ M.
SCRIPTA MATERIALIA, vol.51, pp.131-136, 2004 (Journal Indexed in SCI)
- **Solid-liquid interfacial energy of the eutectoid beta phase in the Al-Zn eutectic system**
KEŞLİOĞLU K., Marasli N.
MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING, vol.369, pp.294-301, 2004 (Journal Indexed in SCI)
- **Effect of growth rate and composition on the primary spacing, the dendrite tip radius and mushy zone depth in the directionally solidified succinonitrile-Salol alloys**
Cadiri E., Karaca I., Kaya H., Marasli N.
JOURNAL OF CRYSTAL GROWTH, vol.255, pp.190-203, 2003 (Journal Indexed in SCI)
- **Solid-liquid interface energies in the succinonitrile and succinonitrile-carbon tetrabromide eutectic system**
Marasli N., KEŞLİOĞLU K., ARSLAN B.
JOURNAL OF CRYSTAL GROWTH, vol.247, pp.613-622, 2003 (Journal Indexed in SCI)
- **Dependency of the microstructure parameters on the solidification parameters for camphene**
CADIRLI E., Marasli N., BAYENDER B., GUNDUZ M.
MATERIALS RESEARCH BULLETIN, vol.35, pp.985-995, 2000 (Journal Indexed in SCI)
- **Investigation of the structure parameters according to the solidification parameters for pivalic acid**
CADIRLI E., Marasli N., BAYENDER B., GUNDUZ M.
JOURNAL OF MATERIALS SCIENCE, vol.34, pp.5533-5541, 1999 (Journal Indexed in SCI)
- **Solid-liquid interfacial energy of camphene**
BAYENDER B., Marasli N., CADIRLI E., GUNDUZ M.
MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING, vol.270, pp.343-348, 1999 (Journal Indexed in SCI)
- **Solid-liquid surface energy of pivalic acid**
Bayender B., Marasli N., Cadiri E., Sisman H., Gunduz M.
JOURNAL OF CRYSTAL GROWTH, vol.194, pp.119-124, 1998 (Journal Indexed in SCI)

- **The use of measured values of surface energies to test heterogeneous nucleation theory**
Marasli N., HUNT J.
JOURNAL OF CRYSTAL GROWTH, vol.191, pp.558-562, 1998 (Journal Indexed in SCI)
- **Solid-liquid surface energies in the Al-CuAl₂, Al-NiAl₃ and Al-Ti systems**
Marasli N., Hunt J.
ACTA MATERIALIA, vol.44, pp.1085-1096, 1996 (Journal Indexed in SCI)
- **THE EFFECT OF DIFFERENT ATOMIC VOLUMES IN THE 3 PHASES DURING LAMELLAR EUTECTIC GROWTH - A COMPARISON OF EXPERIMENT AND THEORY IN THE AL-AL₂Cu SYSTEM**
Kim K., Liu J., Maraslı N., Hunt J. D.
ACTA METALLURGICA ET MATERIALIA, vol.43, pp.2143-2147, 1995 (Journal Indexed in SCI)

Articles Published in Other Journals

- **In-Bi-Cd ÖTEKTİK ALAŞIMININ MİKROYAPISAL DEĞERLENDİRİLMESİ VE MEKANİK DAVRANIŞI**
Büyük U., Engin S., Durmuş Acer S., Aker A., Maraşlı N.
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, no.1, pp.549-558, 2019 (National Refreed University Journal)
- **Comparison of experimental results with theoretical eutectic model in In-Bi-Sn ternary alloy**
BÖYÜK U., MARAŞLI N.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 26, 1, pp. 71-76, 2010., vol.26, pp.71-76, 2010 (National Refreed University Journal)
- **Directional Solidification of The Pure Succinonitrile and Succinonitrile-Salol Alloys Turkish Journal of Physics, 6, 563-574, 2001.**
Karaca İ., Çadırlı E., Kaya H., Maraşlı N.
Turkish Journal of Physics, vol.25, pp.563-574, 2001 (Other Refereed National Journals)
- **A review of classical nucleation**
Maraşlı N.
TURKISH JOURNAL OF PHYSICS, vol.21, pp.990-1002, 1997 (Other Refereed National Journals)
- **Saydam organik maddelerde katı-sıvı yüzey enerjilerinin ölçümü**
Maraşlı N., Şişman H., Gündüz M.
Marmara Üniversitesi Fen Bilimleri Dergisi, vol.7, no.1, pp.41-69, 1990 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- **Investigation of Thermal Conductivity and Mechanical Properties of Titanium, Boron and Zirconium doped A356 (Al-Si-Mg) alloy**
Basar Z. S. , Basit S., Maraşlı N.
International Materials Technologies and Metallurgy conference , İstanbul, Turkey, 31 October - 01 November 2019, pp.263-265
- **Directional electro growth of Al-Cu eutectic alloy under different directions and magnitudes of electrical fields**
Basit S., Birinci S., Maraşlı N.
DSEC VI -Directionally Solidified Eutectics Conference, Naples, Italy, 10 - 13 September 2019, pp.6
- **Effects of Al, Ag, Sb Elements on Microstructure, Thermal and Mechanical Properties of Zn-Sn-Cu-Bi**
AKSÖZ S., Esener Ata P., ÖZTÜRK E., MARAŞLI N.
The Internatinonal Conference on Materials Science Mechanical and Automation Engineerings and Technology (IMSMATEC'18), 10 - 12 April 2018
- **Measurement of Thermal Conductivity Variation with Temperature for Solid Materials Using Longitudinal Heat Flow Meth**
EROL M., BASİT S., BAYRAK Y., MARAŞLI N.
19th International Metallurgy Materials Congress, 25 - 27 October 2018
- **Dependency of Eutectic Spacing and Microhardenss on Directions and Magnitudes of UniformElectrical**

Field in the Al-Cu Eutectic Alloy

BASİT S., EROL M., BAYRAK Y., MARAŞLI N.

19th International Metallurgy and Materials Congress, 25 - 27 October 2018

- **The Phonon Contribution to the Thermal Conductivity in Sn-Zn-Cu Intermetallic Alloy Systems**

Esener Ata P., AKSÖZ S., ÖZTÜRK E., MARAŞLI N.

I. International Scientific and Vocational Studies Congress, 5 - 08 October 2017, pp.472

- **The Determination of Microstructure, Thermal and Mechanical Properties of Some Intermetallic Alloys in Sn-Zn-Cu System**

AKSÖZ S., ATA ESENER P., ÖZTÜRK E., MARAŞLI N.

2nd International Conference on Material Science and Technology in Cappadocia, 11 - 13 October 2017

- **Hardness and Tensile Strength of Al-Cu-Si-Mg Quaternary Eutectic Alloy**

KAYGISIZ Y., MARAŞLI N.

IMSTEC'17, The International Conference on Material Science and Technology in Cappadocia, 11 - 13 October 2017

- **Microstructural, Mechanical and Electrical Characterization of Directionally Solidified Al-Si-Mg Eutectic Alloy**

KAYGISIZ Y., MARAŞLI N.

IMSTEC 17 The International Conference on Material Science and Technology in Cappadocia, 11 - 13 October 2017

- **Microstructural, Mechanical and Electrical Characterization of Directionally Solidified Al-Si-Mg Eutectic Alloy**

KAYGISIZ Y., MARAŞLI N.

The International Conference on Material Science and Technology in Cappadocia, Nevşehir, Turkey, 11 - 13 October 2017, pp.601

- **The Measurement of Tensile Strength, DSC, SEM and EDX Properties of Sn-Bi-In-Zn Alternative Lead-Free Solder Alloys**

ATA ESENER P., AKSÖZ S., ÖZTÜRK E., MARAŞLI N.

33rd International Physics Congress, 6 - 10 September 2017

- **Microstructure and Electrical Properties of Aluminum-Based Multicomponent Alloy**

KAYGISIZ Y., MARAŞLI N.

Türk Fizik Derneği 33. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 10 September 2017

- **The Determination of Microstructure and Tensile Strength Properties of Unidirectional Solidified Sn Bi In Zn Alternative Lead Free Solder Alloy System s Different Compositions**

Ata Esener P., Aksöz S., Keşlioğlu K., Maraşlı N.

1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.878

- **Microstructures and Vickers Hardness of Al-Cu-Mn Eutectic Alloy**

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TPS-33 International Physics Conference, Muğla, Turkey, 06 September 2016, pp.546

- **Solid Liquid Interfacial Energy of Solid Succinonitrile in Equilibrium with Succinonitrile Amino Methyl Propanediol Eutectic Liquid**

Altıntaş Y., Kadioğlu Ş. B. , Aksöz S., Keşlioğlu K., Maraşlı N.

32 nd International Physics Congress, Muğla, Turkey, 6 - 08 September 2016, pp.95

- **Determination of Thermal Conductivity of Unidirectional Solidified Sn Bi In Zn Alternative Lead Free Solder Alloy System s Different Compositions**

Ata Esener P., Aksöz S., Öztürk E., Altıntaş Y., Keşlioğlu K., Maraşlı N.

32 nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.83

- **Directional solidification of Al 13 wt Mg₂Si pseudoeutectic alloy**

Kaygısız Y., Maraşlı N.

32 nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.141

- **Thermal Conductivity and Solid Liquid Interfacial Energy of Solid Al and Solid Si Phases in Al Mg Si Eutectic Ternary Alloy System**

Altıntaş Y., Öztürk E., Aksoz S., Keşlioğlu K., Maraşlı N.

32 nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.95

- **Effects of Bi and Zn Elements Microstructures and Thermal Conductivity of Sn Bi Zn Solder**
Ata Esener P., Altıntas Y., Bayram Ü., Öztürk E., Aksöz S., Keşlioğlu K., Maraşlı N.
32 nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.82
- **Thermal conductivity of Sn-based ternary solders**
ALTINTAS Y., OZTURK E., AKSOZ S., KEŞLİOĞLU K., MARAŞLI N.
31. Uluslararası Fizik Kongresi, Muğla, Turkey, 21 July 2014, pp.78
- **Directional Solidification of Al Cu Mg Eutectic Alloy**
Kaygısız Y., Maraşlı N.
ICMSE 2016: 18th International Conference on Materials Science and Engineering, Amsterdam, Netherlands, 12 - 13 May 2016, vol.3, pp.1113
- **The Effect of Microstructure of Directionally Solidified Al Si Fe Alloys on Microhardness Tensile Strength and Electrical Resistivity**
Engin S., Büyük U., Maraşlı N.
ICMSE 2016: 18th International Conference on Materials Science and Engineering, Amsterdam, Netherlands, 12 - 13 May 2016, vol.3, pp.716
- **Experimental Measurements of Some Thermophysical Properties of Solid CdSb Intermetallic in The Sn Cd Sb Ternary Alloy**
Aksöz S., Öztürk E., Keşlioğlu K., Maraşlı N.
IMSTEC 2016 International Conference on Material Science and Technology, Nevşehir, Turkey, 6 - 08 April 2016, pp.254
- **The Experimental Determination Of Interfacial Energies For Solid Zn In Equilibrium With Zn Al Sb Liquid**
Aksöz S., Altıntas Y., Öztürk E., Keşlioğlu K., Maraşlı N.
IMSTEC 2016 International Conference on Material Science and Technology, Nevşehir, Turkey, 6 - 08 April 2016, pp.253
- **The Effect of Growth Rate on Microstructure and Microhardness In The Al Si Ti Ternary Alloy**
Ata Esener P., Bayram Ü., Aksöz S., Keşlioğlu K., Maraşlı N.
IMSTEC 2016 International Conference on Material Science and Technology, Nevşehir, Turkey, 6 - 08 April 2016, pp.273
- **Influence of Growth Rate on Microstructure Microhardness Tensile Strength and electrical Resistivity of Directionally Solidified Al Cu Ti Eutectic Alloy**
Aksöz S., Karamazı Y., Ata Esener P., Bayram Ü., Keşlioğlu K., Maraşlı N.
IMSTEC 2016 International Conference on Material Science and Technology, Nevşehir, Turkey, 6 - 08 April 2016, pp.162
- **Dependence of microstructural mechanical and electrical properties on growth rates in the directional solidified Zn Al Bi eutectic alloy**
Bayram Ü., Karamazı Y., Ata P., Aksöz S., Keşlioğlu K., Maraşlı N.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 27 August 2015
- **The experimental determination of interfacial energies for solid Sn in equilibrium with Sn Mg Zn liquid**
Bayram Ü., Karamazı Y., Ata P., Aksöz S., Keşlioğlu K., Maraşlı N.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 27 August 2015, pp.238
- **The experimental determination of interfacial energies for solid CuAl₂ in equilibrium with Al Cu Si liquid**
Altıntas Y., Öztürk E., Aksöz S., Keşlioğlu K., Maraşlı N.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 27 August 2015
- **Dependence of microstructure microhardness tensile strength and electrical resistivity on high growth rates for directional solidified Zn Al Sb eutectic alloy**
Bayram Ü., Karamazı Y., Ata P., Aksöz S., Keşlioğlu K., Maraşlı N.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 27 August 2015, pp.238
- **The measurements of electrical and thermal conductivity variations with temperature and phonon component of the thermal conductivity in the in bi intermetallic alloys**
Aksöz S., Ata P., Bayram Ü., Altıntas Y., Öztürk E., Keşlioğlu K., Maraşlı N.
9 th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 27 August 2015, pp.171
- **Solid liquid interfacial energy of solid succinonitrile in equilibrium with succinonitrile D camphor aminomethylpropanediol eutectic liquid**

BAYRAM Ü., KARAMAZI Y., ATA P., AKSÖZ S., KEŞLİOĞLU K., MARAŞLI N.

9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 27 August 2015

- **Dependence of microstructure, microhardness, tensile strength and electrical resistivity on high growth rates for directional solidified Zn-Al-Sb eutectic alloy**

Bayram Ü., Ata P., Karamazi Y., Aksöz S., Maraşlı N.

9th International Physics Conference of the Balkan Physical Union – BPU9 , İstanbul, Turkey, 24 - 27 August 2014, pp.547

- **Thermal conductivity of Sn-based ternary solders**

Altıntaş Y., Öztürk E., Aksöz S., Maraşlı N.

31. Uluslararası Fizik Kongresi, Muğla, Turkey, 21 July 2014 - 24 July 2019, pp.78

- **Determination of solid-liquid interfacial energy for organic compound**

ERSOY S. B. , ALTINTAS Y., KARADAG S. B. , AKSOZ S., KEŞLİOĞLU K., MARAŞLI N.

31. Uluslararası Fizik Kongresi, Muğla, Turkey, 21 July 2014, pp.88

- **Solid-liquid interfacial energy of solid amino-methyl-propanediol solution in equilibrium with amino-methyl-propanediol-(D) camphor eutectic liquid**

ALTINTAS Y., ERSOY S. B. , KARADAG S. B. , AKSOZ S., KEŞLİOĞLU K., MARAŞLI N.

31. Uluslararası Fizik Kongresi, Muğla, Turkey, 21 July 2014, pp.338

- **Investigation Of Physical Parameters Of The Al-Cu-Si Ternary Alloy**

KAYA H., AKER A., CADIRLI E., BUYUK U., MARAŞLI N.

International Journal of Arts & Sciences (IJAS) Conference for Academic Disciplines, Barcelona, Spain, 16 June 2014, pp.51

- **Effects Of Antimony Content On Microstructure, Mechanical And Electrical Properties Of Al–Cu Eutectic Alloys**

BUYUK U., AKER A., KAYA H., CADIRLI E., MARAŞLI N.

International Journal of Arts & Sciences (IJAS) Conference for Academic Disciplines, Barcelona, Spain, 16 June 2014, pp.52

- **The measurement of thermal conductivity variation with temperature for Sn-20wt.%In based lead-free ternary solders**

Aksöz S., Öztürk E., Maraşlı N.

Advanced Materials World Congress, İzmir, Turkey, 16 - 19 September 2013, pp.506

- **Solid-liquid interfacial energy of solid succinonitrile solution in equilibrium with succinonitrile-neopentylglycol eutectic liquid**

Altıntaş Y., Karadağ S., Öztürk E., Aksöz S., Maraşlı N.

Advanced Materials World Congress, İzmir, Turkey, 16 - 19 September 2013, pp.421

- **The experimental Determination of interfacial energies for solid Cd in equilibrium with Sn-Cd-Sb liquid**

Öztürk E., Aksöz S., Maraşlı N.

Advanced Materials World Congress, İzmir, Turkey, 16 - 19 September 2013, pp.504

- **Solid-Liquid Interfacial Energy of Solid Aminomethylpropanediol Solution in Equilibrium with Aminomethylpropanediol-Neopentylglycol-D Camphor Liquid**

Bayram Ü., Aksöz S., Maraşlı N.

Advanced Materials World Congress, İzmir, Turkey, 16 - 19 September 2013, pp.507

- **Solid-liquid interfacial energy of solid succinonitrile solution in equilibrium with succinonitrile-neopentylglycol eutectic liquid**

Altıntaş Y., Karadağ S., Öztürk E., Aksöz S., Maraşlı N.

Advanced Materials World Congress, İzmir, Turkey, 16 - 19 September 2013, pp.186

- **The Electrical Properties Of Al-Cu-Fe-Si Quaternary Alloys**

BUYUK U., ENGIN S., MARAŞLI N.

TPS-30, International Physics Conference, İstanbul, Turkey, 02 September 2013, pp.417

- **The Influence Growth Rate On The Physical Parameters Of Al–Cu–Si And Al–Cu–Fe Eutectic Alloys**

BUYUK U., ENGIN S., MARAŞLI N.

TPS-30, International Physics Conference, İstanbul, Turkey, 02 September 2013, pp.416

- **The Effects Of Silicon And Iron Content On Mechanical And Electrical Properties Of Aluminum–Copper Alloy**

BUYUK U., ENGIN S., MARAŞLI N.

TPS-30, International Physics Conference, İstanbul, Turkey, 02 September 2013, pp.415

- **Solid-liquid interfacial energy of solid neopentylglycol solution in equilibrium with succinonitrile-neopentylglycol eutectic liquid**

ALTINTAS Y., KARADAG S. B. , OZTURK E., AKSOZ S., KEŞLİOĞLU K., MARAŞLI N.

TPS-30, International Physics Conference, İstanbul, Turkey, 02 September 2013, pp.92

- **The Influence Growth Rate On The Physical Parameters Of Al–Cu–Si And Al–Cu–Fe Eutectic Alloys**

Büyük U., Engin S., Maraşlı N.

TPS-30, International Physics Conference, İstanbul, Turkey, 2 - 05 September 2013, pp.416

- **Effects Of Iron Content On Microstructure And Mechanical Properties Of Al–Cu–Si Eutectic Alloys**

BUYUK U., ENGIN S., MARAŞLI N.

International Journal of Arts & Sciences (IJAS) Conference for Academic Disciplines, Provenca, Czech Republic, 27 May 2013, pp.174

- **Directionally Solidified Al-Cu-Si-Fe Quaternary Eutectic Alloy**

BUYUK U., ENGIN S., ŞAHİN M., KAYA H., CADIRLI E., MARAŞLI N.

International Journal of Arts & Sciences (IJAS) Conference for Academic Disciplines, Provenca, Czech Republic, 27 May 2013, pp.169

- **Directionally Solidified Al-Cu-Si-Fe Quaternary Eutectic Alloy**

Büyük U., Engin S., Şahin M., Kaya H., Çadırlı E., Maraşlı N.

International Journal of Arts & Sciences (IJAS) Conference for Academic Disciplines, Cheske-Budejovice, Czech Republic, 27 - 31 May 2013, pp.169

- **Directionally Solidification Of Al-Ni-Fe Eutectic Alloy**

ENGIN S., BOYUK U., MARAŞLI N.

TPS-29 International Physics Conference, Muğla, Turkey, 05 September 2012, pp.481

- **The Measurement of Interfacial Energies For Solid Sn Solution In Equilibrium With The Sn-Bi-Ag Liquid**

Öztürk E., Aksöz S., Maraşlı N.

TFD 29. Uluslararası Fizik Kongresi, Muğla, Turkey, 05 September 2012 - 08 September 2013, pp.505

- **The Measurement of Thermal Conductivity Variation With Temperature For Solid Materials**

Bayram Ü., Aksöz S., Öztürk E., Maraşlı N.

TFD 29. Uluslararası Fizik Kongresi, Muğla, Turkey, 5 - 08 September 2012, pp.544

- **Microstructure Morphology And Mechanical Properties Of Directionally Solidified In-Bi-Cd Eutectic Alloy**

BOYUK U., ENGIN S., MARAŞLI N.

International Journal of Arts & Sciences (IJAS) Conference for Academic Disciplines, Prague, Czech Republic, 26 June 2012, pp.81

- **Evaluation Of Directionally Solidified Zn-Al-Cu Eutectic Alloy**

ENGIN S., BOYUK U., MARAŞLI N.

APMAS 2- International Advances in Applied Physics & Materials Science Congress, Antalya, Turkey, 26 April 2012, pp.164

- **Microhardness And Tensile Stress Of Directionally Solidified The Bi-Sn-Ag Ternary Alloy Under Controlled Conditions**

CADIRLI E., KAYA H., ENGIN S., BOYUK U., MARAŞLI N.

APMAS 2- International Advances in Applied Physics & Materials Science Congress, Antalya, Turkey, 26 April 2012, pp.162

- **Electrical Properties As A Function Of Solidification Parameters Of Bismuth-Tin-Silver Eutectic Alloy**

KAYA H., ENGIN S., CADIRLI E., BOYUK U., MARAŞLI N.

APMAS 2- International Advances in Applied Physics & Materials Science Congress, Antalya, Turkey, 26 April 2012, pp.165

- **Investigation Of Physical Parameters Of The Bi-Sn-Ag Eutectic Alloy**

KAYA H., ENGIN S., BOYUK U., CADIRLI E., MARAŞLI N.

International Journal of Arts & Sciences (IJAS) Conference for Academic Disciplines, Prague, Czech Republic, 26 April 2012, pp.74

- **Thermal and electrical conductivity of zinc-antimony alloys” TFD 28. Uluslararası Fizik Kongresi**

OZTURK E., AKBULUT S., MARAŞLI N.

TPS-28 International Physics Conference, Muğla, Turkey, 06 September 2011, pp.621

- **Novel experimental technique to determine the variation of thermal conductivity with temperature**

OZTURK E., AKBUJUT S., MARAŞLI N.

TPS-28 International Physics Conference, Muğla, Turkey, 06 September 2011, pp.620

- **Determination of Thermo-Electrical Properties in Sn Based Alloys**

Akbulut S., Ocak Y., Maraşlı N.

Türk Fizik Derneği, 28. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 09 September 2011, pp.647

- **Determination of Interfacial Energies in the Aminomethylpropanediol-Neopentylglycol Organic Alloy**

Akbulut S., Ocak Y., Maraşlı N.

28. Uluslararası Fizik Kongresi, Muğla, Turkey, 6 - 09 September 2011, pp.646

- **Microstructure Evolution and Mechanical Properties of Directionally Solidified Al-Si-Ni Eutectic Alloy**

BOYUK U., ENGIN S., MARAŞLI N.

ICASP 3- The 3rd International Conference on Advances in Solidification Processes, Rolduc, Netherlands, 07 June 2011, pp.4

- **Directionally Solidification and Measurements of the Physical Properties of the Zinc-Aluminum Eutectic Alloy**

KAYA H., ENGIN S., BOYUK U., MARAŞLI N.

ICASP 3- The 3rd International Conference on Advances in Solidification Processes, Rolduc, Netherlands, 07 June 2011, pp.12

- **Novel Experimental Technique to Observe the Grain Boundary Groove Shapes in the Metallic Alloys**

MARAŞLI N., BOYUK U., ENGIN S.

ICASP 3- The 3rd International Conference on Advances in Solidification Processes, Rolduc, Netherlands, 07 June 2011, pp.3

- **Physical Properties of the Sn-3.7Ag-0.9Zn Ternary Eutectic Alloy**

KAYA H., BOYUK U., ENGIN S., MARAŞLI N., CADIRLI E., ŞAHİN M.

Chemical Physics Congress IX, İzmir, Turkey, 14 October 2010, pp.529

- **Effect of Solidification Parameters on the Microstructure of Sn-3.7Ag-0.9Zn Solder**

Büyük U., Engin S., Kaya H., Maraşlı N.

Chemical Physics Congress IX, İzmir, Turkey, 14 - 17 October 2010, pp.38

- **Interfacial Energy of Solid NPG in the NPG-DC Eutectic System**

BAYRAM U., AKSOZ S., OCAK Y., KESLIOĞLU K., MARAŞLI N.

TPS-27 International Physics Conference, İstanbul, Turkey, 14 September 2010, pp.559

- **Thermal and Electrical Conductivities of Al-Bi-Zn Alloys**

YILDIZ F., AKSOZ S., OCAK Y., ULUADAOĞLU E., KEŞLIOĞLU K., MARAŞLI N.

TPS-27 International Physics Conference, İstanbul, Turkey, 14 September 2010, pp.706

- **Thermal Conductivity and Interfacial Energy of Solid Pb in the Pb-Sb Eutectic System**

Karabulut L., Aksöz S., Ocak Y., Maraşlı N., Keşlioğlu K.

TPS-27, International Physics Conference, İstanbul, Turkey, 14 - 17 September 2010, pp.645

- **Determination of Solid-Liquid Interfacial Energy for a Solid Sn in Equilibrium with a Sn-Ag-Zn Eutectic Liquid**

Engin S., Büyük U., Maraşlı N.

TPS-27 International Physics Conference, İstanbul, Turkey, 14 - 17 September 2010, pp.622

- **Thermal Conductivity and Interfacial Energy of Solid Sn₃Sb₂ in the Sn-Sb Peritectic System**

Kaygısız Y., Aksöz S., Ocak Y., Keşlioğlu K., Maraşlı N.

TPS-27, International Physics Conference, İstanbul, Turkey, 14 - 17 September 2010, pp.650

- **Experimental Determination Of Thermal Conductivity And Solid-Liquid Interfacial Energy Of Solid Ag₃sn Intermetallic In The Ag-Sn-In Ternary Alloy**

Keşlioğlu K., Aksöz S., Maraşlı N., Ocak Y.

Türk Fizik Derneği, 27. Uluslararası Fizik Kongresi, İstanbul, Turkey, 14 - 17 September 2010, pp.671

- **Determination of Thermal Conductivity and Interfacial Energy of Solid Zn Solution in the Zn-Al-Bi Eutectic System**

Aksöz S., Ocak Y., Maraşlı N., Keşlioğlu K.

TPS-27, International Physics Conference, İstanbul, Turkey, 14 - 17 September 2010, pp.571

- **Determination of Interfacial Energies in the Al-Ag and Sn-Ag Alloys by using Bridgman Type Solidification Apparatus**
Engin S., Büyük U., Maraşlı N.
TPS-27, International Physics Conference,, İstanbul, Turkey, 14 - 17 September 2010, pp.622
- **Experimental Determination of Thermal Conductivity and Solid-Liquid Interfacial Energy of Solid Ag₃Sn Intermetallic in the Ag-Sn-In Ternary Alloy**
Keşlioğlu K., Aksöz S., Maraşlı N., Ocak Y.
TPS-27, International Physics Conference, İstanbul, Turkey, 14 - 17 September 2010, pp.671
- **Thermal Conductivity and Interfacial Energy of Solid Bi Solution in the Bi-Al-Zn Eutectic System**
Aksöz S., Ocak Y., Maraşlı N., Keşlioğlu K.
TPS-27, International Physics Conference, İstanbul, Turkey, 14 - 17 September 2010, pp.572
- **Thermal Conductivity and Interfacial Energy of Solid Sn Solution in the Sn-Ag-In Ternary Alloy**
Ocak Y., Aksöz S., Maraşlı N., Keşlioğlu K.
TPS-27, International Physics Conference, İstanbul, Turkey, 14 - 17 September 2010, pp.672
- **Thermal and Electrical Conductivities of Sn-Ag- In Alloys**
Maraşlı N., Aksöz S., Ocak Y., Keşlioğlu K.
TPS-27, International Physics Conference, İstanbul, Turkey, 14 - 17 September 2010, pp.666
- **Al-Ni Alaşımının Kontrollü Katılaştırılması**
KAYA H., BOYUK U., CADIRLI E., MARAŞLI N.
TPS-26 International Physics Conference, Muğla, Turkey, 24 September 2009, pp.144
- **The Microstructure Parameters and Microhardness of Controlled Directional Solidified Sn-Ag-Cu Lead Free Solder**
Boyuk U., Maraşlı N.
TPS- 26 International Physics Conference, Muğla, Turkey, 24 September 2009, pp.75
- **Effect of Solidification Rate and Temperature Gradient on the Microhardness of Al-Ni Eutectic Alloy**
BOYUK U., KAYA H., CADIRLI E., MARAŞLI N.
TPS-26 International Physics Conference, Muğla, Turkey, 24 September 2009, pp.355
- **Effect of Solidification Rate on the Microstructure of Al-Cu-Ag Eutectic Alloy**
BOYUK U., MARAŞLI N., KAYA H., CADIRLI E., KEŞLİOĞLU K.
TPS- 26 International Physics Conference, Muğla, Turkey, 24 September 2009, pp.356
- **Microstructure and Solidification Behavior of Zn-Cu Alloy**
BOYUK U., ENGIN S., KAYA H., CADIRLI E., MARAŞLI N., KESLİOĞLU K.
TPS-26 International Physics Conference, Muğla, Turkey, 24 September 2009, pp.357
- **Unidirectional Solidification of Zn-rich Zn-Cu Hypo Peritectic Alloy**
Kaya H., Engin S., Büyük U., Çadırlı E., Maraşlı N.
TPS- 26 International Physics Conference, Muğla, Turkey, 24 - 27 September 2009, pp.464-463
- **Directional Solidification of the In-Bi-Sn Ternary Alloy**
BOYUK U., CADIRLI E., KAYA H., MARAŞLI N., KESLİOĞLU K., AKBULUT S., OCAK Y.
TPS-25 International Physics Conference, Muğla, Turkey, 25 September 2008, pp.445
- **Effect of the Temperature Gradient, Growth Rate and the Eutectic Spacing on the Microhardness in the Directionally Solidified Sn-Cu Eutectic Alloy**
KAYA H., BOYUK U., ENGIN S., CADIRLI E., MARAŞLI N.
TPS-25 International Physics Conference, Muğla, Turkey, 25 September 2008, pp.472
- **Determination of Solid-Liquid Interfacial Energies in the Sn-Cu Binary Alloy**
KAYGISIZ Y., OCAK Y., AKBULUT S., MARAŞLI N., KESLİOĞLU K., KAYA H., CADIRLI E.
TPS-25 International Physics Conference, Muğla, Turkey, 25 September 2008, pp.4
- **Sn-Cu Ötektik Alaşımında Katılaştırma Hızı ve Sıcaklık Gradyentinin Mikroyapı Parametrelerine Etkisi**
CADIRLI E., BOYUK U., ENGIN S., KAYA H., MARAŞLI N.
TPS-25 International Physics Conference, Muğla, Turkey, 25 September 2008, pp.151
- **Solid-Liquid Interfacial Energy of Aminomethylpropanediol**
Ocak Y., Sezen A., Keşlioğlu K., Maraşlı N.
TFD- 25 Uluslararası Fizik Kongresi, Muğla, Turkey, 25 - 29 August 2008, pp.6
- **Interfacial Energy of Solid Bismuth in Equilibrium with Bi-In Eutectic Liquid at 109.5 Celsius Degree**

Equilibrating Temperature

Ocak Y., Akbulut S., Maraşlı N., Keşlioğlu K., Büyük U., Kaya H., Çadırı E.

TPS- 25 International Physics Conference, Muğla, Turkey, 25 - 29 August 2008, pp.427

- **Solid-Liquid Interfacial Energy of Neopentylglycol**

Akbulut S., Ocak Y., Keşlioğlu K., Maraşlı N.

TPS- 25 International Physics Conference, Muğla, Turkey, 25 - 29 August 2008, pp.7

- **Investigation of Liquid Composition Effect on Gibbs Thomson Coefficient and Solid-Liquid Interfacial Energy in SCN-Based Binary Alloys**

Büyük U., Maraşlı N.

Investigation of Liquid Composition Effect on Gibbs Thomson Coefficient and Solid-Liquid Interfacial Energy in SCN-Based Binary Alloys, Muğla, Turkey, 25 - 29 August 2008, pp.374-373

- **Dibromobenzen'in Katı-Sıvı Arayüzey Enerjisinin Deneysel Tespiti**

KESLIOGLU K., BOYUK U., MARAŞLI N.

TPS-24 International Physics Conference, Malatya, Turkey, 28 August 2007, pp.166

- **Dibromobenzen-Succinonitril Alaşımının Arayüzey Enerjileri**

YUCEER K., BOYUK U., KESLIOGLU K., MARAŞLI N.

TPS-254 International Physics Conference, Malatya, Turkey, 28 August 2007, pp.388

- **Saf Diklorobenzen'in Arayüzey Enerjileri**

BOYUK U., KESLIOGLU K., MARAŞLI N.

TPS- 24 International Physics Conference, Malatya, Turkey, 28 August 2007, pp.388

- **Diklorobenzen- Succinonitril Alaşımının Katı-Sıvı Arayüzey Enerjisi**

PEHLIVANOGLU T., BOYUK U., KESLIOGLU K., MARAŞLI N.

TPS-24 International Physics Conference, Malatya, Turkey, 28 August 2007, pp.386

- **Solid-liquid interfacial energy for solid (D) camphor solution in equilibrium with (D) camphor – succinonitrile eutectic liquid**

KESLIOGLU K., OCAK Y., AKBULUT S., BOYUK U., EROL M., MARAŞLI N.

BPU-6, 6th International Conference of the Balkan Physical Union, İstanbul, Turkey, 22 August 2006, pp.782

- **Measurements thermal conductivities of solid and liquid phases for Bi-43wt.% Sn and Zn-0.15wt.% Mg alloys**

EROL M., KESLIOGLU K., SAHINGOZ R., MARAŞLI N.

BPU-6, 6th International Conference of the Balkan Physical Union, İstanbul, Turkey, 22 August 2006, pp.2

- **Solid-liquid interfacial energy of pyrene-succinonitrile monotectic system**

AKBULUT S., OCAK Y., BOYUK U., EROL M., KESLIOGLU K., MARAŞLI N.

BPU-6, 6th International Conference of the Balkan Physical Union, İstanbul, Turkey, 22 August 2006, pp.695

- **Solid-liquid interfacial energy of Pyrene**

Büyük U., Akbulut S., Ocak Y., Mustafa E., Keşlioğlu K., Maraşlı N.

6th International Conference of the Balkan Physical Union,, İstanbul, Turkey, 22 - 26 August 2006, pp.725

- **Experimental determination of thermal conductivity of solid and liquid phases in Pb-Cd and Sn-Zn binary eutectic alloys**

Saatçi B., Maraşlı N., Gündüz M., Erol M.

6th International Conference of the Balkan Physical Union, İstanbul, Turkey, 22 - 26 August 2006, pp.813

- **Solid-liquid interfacial energy for solid succinonitrile in equilibrium with succinonitrile – dichlorobenzene eutectic liquid**

Ocak Y., Akbulut S., Büyük U., Erol M., Keşlioğlu K., Maraşlı N.

6th International Conference of the Balkan Physical Union, İstanbul, Turkey, 22 - 26 August 2006, pp.812

- **Measurement of solid-liquid interfacial energy for solid Zn in equilibrium with the Zn-Mg eutectic liquid**

Erol M., Keşlioğlu K., Maraşlı N.

TMS 135th Annual Meeting & Exhibition, Texas, United States Of America, 12 - 16 March 2006, pp.23

- **Succinonitrile - (D) Camphor Ötektik Sisteminde Katı-Sıvı Arayüzey Enerjisinin Deneysel Tespiti**

KESLIOGLU K., BOYUK U., EROL M., MARAŞLI N.

TPS-23 International Physics Conference, Muğla, Turkey, 13 September 2005, pp.557

- **Succinonitrile- Pyrene Ötektik Sisteminin Katı-Sıvı Arayüzey Enerjisinin Ölçümü**

BOYUK U., KESLIOGLU K., EROL M., MARAŞLI N.

Yoğun Madde Fiziği Kongresi, Erzurum, Turkey, 22 June 2005, pp.1

- **Succinonitril- %7.5 Ağ. CBr₄ Alaşımının Doğrusal Katılaştırılması ve Büyüme Hızı ile Sıcaklık Gradyentinin Mikroyapı Parametrelerine Etkisinin İncelenmesi**
MARAŞLI N., KESLIOĞLU K., ARSLAN B., KAYA H., CADIRLI E.
XI Yoğun Madde Fiziği Toplantısı, Ankara, Turkey, 04 December 2004, pp.81
- **Katı Bi-Sıvı BiCd Arayüzey Enerjisinin Ölçümü**
EROL M., MARAŞLI N., KESLIOĞLU K., GUNDUZ M.
TFD- 22 Fizik Kongresi, Muğla, Turkey, 14 September 2004, pp.435
- **Al-Zn Metalik İkili Alaşım Sisteminde Ötektoid & Fazının Katı-Sıvı Arayüzey Enerjisinin Deneysel Tespiti**
KESLIOĞLU K., MARAŞLI N.
TFD- 22 Fizik Kongresi, Muğla, Turkey, 14 September 2004, pp.458
- **Al-Ti Metalik İkili Alaşım Sisteminde Katı-Sıvı Arayüzey Enerjisinin Ölçümü**
KESLIOĞLU K., MARAŞLI N.
TFD- 22 Fizik Kongresi, Muğla, Turkey, 14 September 2004, pp.375
- **Katı Cd-Sıvı BiCd Arayüzey Enerjisinin Deneysel Tayini**
EROL M., KESLIOĞLU K., MARAŞLI N., GUNDUZ M.
TFD- 22 Fizik Kongresi, Muğla, Turkey, 14 September 2004, pp.36
- **Succinonitril'in Katı-Sıvı Arayüzey Enerjisinin Ölçümü**
KESLIOĞLU K., ARSLAN B., MARAŞLI N.
TFD- 22 Fizik Kongresi, Muğla, Turkey, 14 September 2004, pp.427
- **Solid-Liquid Interfacial Energy In the Succinonitrile ?Carbon Tetrabromide Eutectic System**
KESLIOĞLU K., MARAŞLI N., ARSLAN B.
Fifth General Conference of the Balkan Physics Union, Karadağ, Serbia And Montenegro, 25 August 2003, pp.173
- **Solid-Liquid Interfacial Energy In the Al-Zn System**
KESLIOĞLU K., MARAŞLI N.
Fifth General Conference of the Balkan Physics Union, Karadağ, Serbia And Montenegro, 25 August 2003, pp.173
- **Succinonitrile-Etanol İkili Alaşımında Katı-sıvı Yüzey Enerjisinin Ölçülmesi**
UÇKAN A., MARAŞLI N., SAATCI B.
TFD19 Ulusal Fizik Kongresi, Elazığ, Turkey, 26 September 2000, pp.114
- **Saydam Organik Maddelerden Pivalik Asit ve Camphene 'nin Katı-Sıvı Arayüzey Enerjilerinin Ölçümü**
SAATCI B., MARAŞLI N., GUNDUZ M.
TFD19 Ulusal Fizik Kongresi, Elazığ, Turkey, 26 September 2000, pp.118
- **Succinonitrile-Karbondetabromür İkili Alaşımında Katı-sıvı Yüzey Enerjisinin Ölçülmesi**
UÇKAN A., MARAŞLI N., SAATCI B.
TFD19 Ulusal Fizik Kongresi, Edirne, Turkey, 26 September 2000, pp.110
- **Camphene Saydam Organik Sisteminde Mikroyapı parametrelerinin Katılaştırma Parametrelerine Bağlılığı**
CADIRLI E., MARAŞLI N., BAYENDER B., GUNDUZ M.
TFD19 Ulusal Fizik Kongresi, Erzincan, Turkey, 26 September 2000, pp.131
- **İkili Ötektik Sn-Zn Alaşımının Katı-Sıvı Arayüzey Enerjisinin Ölçümü**
SAATCI B., MARAŞLI N., GUNDUZ M.
TFD19 Ulusal Fizik Kongresi, Elazığ, Turkey, 26 September 2000, pp.119
- **Saydam organik maddelerin katı-sıvı yüzey enerjilerinin ölçümü**
MARAŞLI N., SISMAN H., GUNDUZ M.
TFD- 11 Fizik Kongresi, Ankara, Turkey, 31 August 1989, pp.92

Supported Projects

Maraşlı N., Aksöz S., TUBITAK Project, Al-Cu, Al-Ni ve Al-Si Ötektik Alaşımının Farklı Yön ve Büyüklükteki Yüksek Elektrik Gerilimi Altında Katılaştırılması ve Mikroyapı, Mekanik, Elektrik ve Termal Özelliklerin Elektrik Gerilime Bağlılığının İncelenmesi, 2018 - 2021

MARAŞLI N., Basar Z. S. , Project Supported by Higher Education Institutions, Titanyum Bor ve Zirkonyum Katkılı A356 AISiMg Alaşımının Termal İletkenliğinin ve Mekanik Özelliklerinin İncelenmesi, 2018 - 2020

Maraşlı N., TUBITAK Project, Titanyum, Bor ve Zirkonyum Katkılı A356 (Al-Si-Mg) Alaşımının Termal İletkenliğinin ve

Mekanik Özelliklerinin İncelenmesi, 2018 - 2019

Maraşlı N., Basit S., Erol M., Project Supported by Higher Education Institutions, Farklı Düzgün Elektrik Alan Altında Katılaştırılmış Ti, B, Zr, V Ve Nb Katkılı Al-Mg-Si Alaşımının Mikroyapı, Mekanik Ve Elektriksel Özelliklerinin Optimizasyonu, 2017 - 2019

Maraşlı N., Basit S., Project Supported by Higher Education Institutions, Al-Cu, Al-Ni ve Al-Si Ötektik Alaşımının Farklı Yön ve Büyüklükteki Yüksek Elektrik Gerilimi Altında Katılaştırılması ve Mikroyapı, Mekanik, Elektrik ve Termal Özelliklerin Elektrik Gerilime Bağlılığının İncelenmesi, 2017 - 2019

MARAŞLI N., BASİT S., EROL M., Project Supported by Higher Education Institutions, Farklı Düzgün Elektrik Alan Altında Katılaştırılmış B, Bi, Sb, Ti, V ve Zr Katkılı Al-Si-Mg Alaşımının Mikroyapı, Mekanik Özellikleri ile Elektriksel ve Termal İletkenliklerinin İncelenmesi, 2017 - 2019

Aksöz S., Maraşlı N., TUBITAK Project, Tek Yönlü Katılaştırılmış Alternatif Kurşunsuz Lehim Malzemesi Olan Sn-Bi-In-Zn Alaşım Sisteminin Farklı Kompozisyonlarda Mekanik, Termal ve Elektriksel Özelliklerinin Belirlenmesi, 2016 - 2018

Bırol B., Maraşlı N., Kılıç F., Basit S., TUBITAK Project, Doğrusal Katılaştırılmış Yüksek Mg İçeren Al-Mg Esaslı Çoklu Ötektik Alaşımın Mekanik, Elektriksel ve Termal Özelliklerine Katılma Hızının Etkisinin İncelenmesi, 2016 - 2018

MARAŞLI N., BASİT S., Project Supported by Higher Education Institutions, Alüminyum Esaslı Çoklu Metalik Alaşımın Elektrik Alan Etkisi Altında Katılaştırılmasının Mikroyapı, Mekanik ve Fiziksel Özelliklere Etkisinin İncelenmesi, 2015 - 2018

MARAŞLI N., Project Supported by Higher Education Institutions, Doğrusal katılaştırılmış çinko-alüminyum esaslı üçlü ötektik alaşımların yapı parametreleri ile mekanik ve elektriksel özelliklerinin katılma hızına bağlılıklarının incelenmesi, 2013 - 2015

MARAŞLI N., Project Supported by Higher Education Institutions, Al-Cu Ötektik Alaşımına Yapılan Katkı Maddelerinin (Si, Co, Ni, Sb ve Bi) Mikroyapı ve Fiziksel Özelliklere Etkisinin Araştırılması, 2012 - 2014

MARAŞLI N., Project Supported by Higher Education Institutions, Silisyum ve Demir Katkılanmış Alüminyum-Bakır Esaslı Alaşımın Fiziksel ve Mekanik Özelliklerinin İncelenmesi, 2012 - 2013

MARAŞLI N., Project Supported by Higher Education Institutions, Kontrollü Katılaştırılmış Al-Co ve Sn-Zn Ötektik Alaşımının Mikroyapı Parametreleri ile Mekanik ve Elektriksel Özelliklerin Büyütme Hızına Bağlılığının İncelenmesi, 2011 - 2013

MARAŞLI N., Project Supported by Higher Education Institutions, Kontrollü Katılaştırılan Çoklu Ötektik Alaşımın, Mekanik ve Elektriksel Özelliklerinin Katılma Parametrelerine Bağlılığının İncelenmesi, 2011 - 2013

MARAŞLI N., Project Supported by Higher Education Institutions, Çoklu Organik Alaşımın Katı-Sıvı Arayüzey Enerjilerinin Ölçümü, 2011 - 2013

MARAŞLI N., Project Supported by Higher Education Institutions, Metalik Alaşımın Isı İletiminin Lineer Sıcaklık Akış Metodu ile Ölçümü, 2010 - 2013

MARAŞLI N., Project Supported by Higher Education Institutions, Bi-Pb Alaşımının Kontrollü Doğrusal Katılaştırılması İle Mekanik Özelliklerinin ve Isı İletkenliğinin Kontrol Parametrelerine Bağlılığının İncelenmesi, 2010 - 2012

MARAŞLI N., Project Supported by Higher Education Institutions, Organik Alaşımın Termofiziksel Özelliklerinin Tespiti, 2010 - 2012

MARAŞLI N., Project Supported by Higher Education Institutions, Sn-Ag-Zn Kurşunsuz Lehim Alaşımının Kontrollü Katılaştırılması, Mekanik, Termal ve Elektriksel Özelliklerinin Belirlenmesi, 2010 - 2011

MARAŞLI N., Project Supported by Higher Education Institutions, Üçlü Metalik Alaşımın Katı-Sıvı Arayüzey Enerjilerinin Ölçümü, 2008 - 2011

MARAŞLI N., Project Supported by Higher Education Institutions, METALİK ALAŞIMLARIN ARAYÜZEY ENERJİLERİNİN DOĞRUSAL BÜYÜTME TEKNİĞİ İLE ÖLÇÜMÜ, 2009 - 2010

Çadırlı E., Kaya H., Maraşlı N., Büyük U., TUBITAK Project, Cu-Sn ve Cu-Zn İkili Metalik Alaşımının Kontrollü Katılaştırılması, Katı-Sıvı Arayüzey Enerjilerin Ölçülmesi ve Fiziksel Özelliklerinin İncelenmesi, 2007 - 2009

MARAŞLI N., Project Supported by Higher Education Institutions, Üçlü Metalik Alaşımın Doğrusal katılaştırılması ve Mekanik Özelliklerinin İncelenmesi, 2007 - 2009

Maraşlı N., TUBITAK Project, Üçlü Metalik Alaşımın Kontrollü Doğrusal Katılaştırılması, Katı-Sıvı Arayüzey Enerjilerinin Ölçülmesi ve Mekanik Özelliklerinin İncelenmesi, 2005 - 2009

MARAŞLI N., Project Supported by Higher Education Institutions, Amino-methyl-propanediol – (D)Camphor ve Dibromobenzene-Succinonitrile İkili Saydam Organik Alaşımın Katı-Sıvı Arayüzey Enerjilerinin Ölçümü, 2006 - 2008

MARAŞLI N., Project Supported by Higher Education Institutions, Pyrene-Succinonitrile İkili Saydam Organik Alaşımın Katı-Sıvı Arayüzey Enerjisinin Ölçümü, 2006 - 2007

MARAŞLI N., Project Supported by Higher Education Institutions, Anizotropinin Katı-Sıvı Arayüzey Enerjisine Etkisi, 2004 - 2007

MARAŞLI N., Project Supported by Higher Education Institutions, İkili Saydam Organik Alaşımlarda Katı-Sıvı Arayüzey Enerjisinin Ölçümü, 2005 - 2006

MARAŞLI N., Project Supported by Higher Education Institutions, İkili metalik alaşımlarda katı-sıvı arayüzey enerjilerinin ölçümü, 2004 - 2005

MARAŞLI N., Project Supported by Higher Education Institutions, Al-Zn Metalik İkili Alaşımının Ötektik Bileşimde Katı-Sıvı Arayüzey Enerjisinin Ölçümü, 2001 - 2004

MARAŞLI N., Other Supported Projects, Anizotropinin Katı-Sıvı Arayüzey Özelliklerine Etkisinin Deneysel ve Teorik İncelenmesi, 2002 - 2003

MARAŞLI N., Project Supported by Higher Education Institutions, İkili organik alaşımların kontrollü katılaştırılması ve katı-sıvı arayüzey enerjilerinin ölçümü, 1999 - 2002

MARAŞLI N., Project Supported by Higher Education Institutions, Metalik İkili Alaşımların Ötektik ve Peritektik Bileşimlerde Katı-Sıvı Arayüzey Enerjisinin Ölçümü, 1999 - 2002

MARAŞLI N., Project Supported by Higher Education Institutions, İkili organik alaşımların kontrollü katılaştırılması, 1999 - 2001

Gündüz M., Maraşlı N., TÜBİTAK Project, İkili Metalik Alaşımların Bilgisayarlı Kontrollü Katılaştırılması ve Mekanik Özelliklerinin İncelenmesi, 1998 - 2000

MARAŞLI N., Project Supported by Higher Education Institutions, İkili saydam organik maddelerde tek yönlü katılaştırma ve katı-sıvı yüzey enerjilerinin ölçümü, 1997 - 2000

MARAŞLI N., Project Supported by Higher Education Institutions, İkili Metalik Alaşımlarda Katı-Sıvı ve Katı-Katı Arayüzey Enerjilerinin Ölçülmesi, 1997 - 1999

Activities in Scientific Journals

Advances in Materials Chemistry , Publication Committee Member, 2018 - Continues

Annals of Materials Science & Engineering , Publication Committee Member, 2018 - Continues

American Journal of Materials Science and Engineering, Committee Member, 2013 - Continues

Journal of Materials, Publication Committee Member, 2013 - Continues

Scientific Refereeing

JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, May 2019

JOURNAL OF MATERIALS RESEARCH, Journal Indexed in SCIE, April 2019

THERMOCHIMICA ACTA, SCI Journal, April 2019

SCRIPTA MATERIALIA, SCI Journal, March 2019

Materials Science and Engineering D, Other Indexed Journal, March 2019

INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, SCI Journal, March 2019

SURFACE SCIENCE, SCI Journal, February 2019

INTERNATIONAL JOURNAL OF THERMAL SCIENCES, SCI Journal, February 2019

MEASUREMENT, SCI Journal, February 2019

NANOTECHNOLOGY, SCI Journal, February 2019

Measurement Science and Technology, Other Indexed Journal, January 2019

JOURNAL OF CRYSTAL GROWTH, SCI Journal, January 2019

METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, SCI Journal, November 2018

FLUID PHASE EQUILIBRIA, SCI Journal, November 2018

APPLIED SURFACE SCIENCE, SCI Journal, October 2018

Balkan Physics Letters, Other Indexed Journal, June 2018

JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, SCI Journal, April 2018

INTERMETALLICS, SCI Journal, April 2018

MATERIALS AND DESIGN, SCI Journal, April 2018

Measurement, SCI Journal, April 2018
Materials Research, SCI Journal, April 2018
Journal of Physics C: Condensed Matter, Other Indexed Journal, March 2018
Journal of Materials Research, SCI Journal, March 2018
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, SCI Journal, February 2018
International Journal of Thermal Sciences, SCI Journal, February 2018
Chemical Engineering & Technology, SCI Journal, January 2018
Fluid Phase Equilibria, SCI Journal, January 2018
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF MECHANICAL ENGINEERING, Journal Indexed in SCIE, December 2017
Scripta Materialia, SCI Journal, November 2017
Arabian Journal of Chemistry, SCI Journal, November 2017
CHEMICAL ENGINEERING & TECHNOLOGY, SCI Journal, September 2017
Iranian Journal of Science and Technology, Transactions A: Science, SCI Journal, September 2017
ARABIAN JOURNAL OF CHEMISTRY, Journal Indexed in SCIE, August 2017
MATERIALS AND DESIGN, Journal Indexed in ESCI, August 2017
JOURNAL OF NUCLEAR MATERIALS, SCI Journal, July 2017
Journal of Nuclear Materials, SCI Journal, July 2017
JOURNAL OF COLLOID AND INTERFACE SCIENCE, SCI Journal, July 2017
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, SCI Journal, January 2017
SOLAR ENERGY MATERIALS AND SOLAR CELLS, SCI Journal, July 2016
MATERIALS LETTERS, SCI Journal, March 2016
JOURNAL OF NON-CRYSTALLINE SOLIDS, SCI Journal, February 2016
TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, Journal Indexed in SCIE, December 2015
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, SCI Journal, February 2014
JOURNAL OF MATERIAL SCIENCE, Other Indexed Journal, October 2013
Surface Review Letters, Other Indexed Journal, June 2013
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, SCI Journal, November 2012
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, SCI Journal, September 2012
SOLAR ENERGY MATERIALS AND SOLAR CELLS, SCI Journal, July 2011
International Journal of Physical Sciences, Other Indexed Journal, November 2005
Journal of Physics D: Applied Physics, Other Indexed Journal, February 2004

Citations

Total Citations (WOS):2052

h-index (WOS):26