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International Researcher IDs

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Education Information

Postgraduate, Yildiz Technical University, Kimya Metalurji / Fen Bilimleri, Metalurji Ve Malzeme Müh./ Üretim, Turkey
2012 - 2015

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, İLK YARDIM, SAĞLIK MÜDÜRLÜĞÜ/ LİDER İLK YARDIM EĞİTİM MERKZ, 2016

Dissertations

Postgraduate, pirinç atıklarının liçi ve iyonik sıvıların solvent ekstraksiyonda kullanımının incelenmesi, Yıldız Teknik Üniversitesi, Kimya Metalurji Fak, Metalurji Ve Malzeme Müh./ Üretim, 2015

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Biomaterials, Production Metallurgy, Principles of Foundry Technology, Hydrometallurgy, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Kimya Metalurji Fak, Metalurji Ve Malzeme Müh./ Üretim, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- A comprehensive study on microstructure, in-vitro biodegradability, bacterial sensitivity, and cellular interactions of novel ternary Zn-Cu-xAg alloys for urological applications**
Yilmazer H., Basit S., Şen A., Yilmazer Y., Dalbayrak B., Arisan E., Arisan S., Islamgaliev R., Dikici B.

Journal of Alloys and Compounds, vol.965, 2023 (SCI-Expanded)

II. Influences of Directions and Magnitudes of Static Electrical Field on Microstructure and Mechanical Properties for Al-Si Eutectic Alloy

Birinci S., Basit S., Marasli N.

JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.31, no.6, pp.5070-5079, 2022 (SCI-Expanded)

III. SOLIDIFICATION OF A356 ALLOY UNDER DIFFERENT DIRECTIONS AND MAGNITUDES OF STATIC ELECTRICAL FIELD

Basit S., Birinci S., MARAŞLI N.

INTERNATIONAL JOURNAL OF METALCASTING, vol.16, pp.814-825, 2022 (SCI-Expanded)

IV. Growth of rod structure with static electrical field in the Al-Ni eutectic system

Basit S., Birinci S., Maraşlı N.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, pp.14055-14068, 2020 (SCI-Expanded)

V. Electro growth of Al[sbnd]Cu eutectic alloy

BASİT S., Birinci S., MARAŞLI N.

Materials Characterization, vol.161, 2020 (SCI-Expanded)

Articles Published in Other Journals

I. Comparison of Microwave-Assisted and Conventional Leaching for Extraction of Copper from Chalcopyrite Concentrate

Kılıçarslan A., Önoğlu K., Basit S., Sarıdede M. N.

World Academy of Science, Engineering and Technology International Journal of Materials and Metallurgical Engineering, vol.9, pp.1088-1091, 2015 (Conference Book)

Refereed Congress / Symposium Publications in Proceedings

I. 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

II. 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

III. Measurement of Thermal conductivity Variation with Temperature for Solid Materials using Longitudinal Heat Flow Method

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

19. Uluslararası Metalurji ve Malzeme Kongresi, IMMC 2018, İstanbul, Turkey, 21 October 2018, pp.207

IV. Magnesium Metal Production with Magneterm Process by Using Aluminum Powder

BAYRAK Y., EROL M., BASİT S., EKERİM A.

IMMC'2018 19.ULUSLARARASI METALURJİ VE MALZEME KONGRESİ, İstanbul, Turkey, 25 October 2018, pp.183-186

V. Dependency of Eutectic Spacing and Microhardens on Directions and Magnitudes of Uniform Elecffical Field in the Al-Cu Eutectic Alloy

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

19. Uluslararası Metalurji ve Malzeme Kongresi, IMMC 2018, İstanbul, Turkey, 21 October 2018, pp.457

VI. Elektronik Atıklardan Değerli Metallerin Geri Kazanımı

Baka B., ÇORBACIOĞLU B. D., BASİT S.

Supported Projects

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 Alaşımlarının 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

Birol B., Maraşlı N., TUBITAK Project, Investigation of the Effect of Solidification Rate on the Mechanical, Electrical and Thermal Properties of Linear Solidified High Mg Containing Al-Mg Based Multiple Eutectic Alloys, 2016 - 2018

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

Metrics

Publication: 13

Citation (WoS): 1

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