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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Universitaet Kaiserslautern, The Leibniz-Institut für Verbundwerkstoffe (IVW) GmbH (Doktora içi araştırma), Almanya 2023 - 2023

Doktora, The University of Edinburgh, İskoçya 2019 - 2023

Yüksek Lisans, Erciyes Üniversitesi, Mühendislik Fakültesi, Türkiye 2013 - 2016

Lisans, Erciyes Üniversitesi, Mühendislik Fakültesi, Türkiye 2010 - 2013

Yabancı Diller

İngilizce, C1 İleri

Araştırma Alanları

Makina Mühendisliği, Geleneksel olmayan imalat yöntemleri, Kompozitler, Termal Özellikler

Akademik Unvanlar / Görevler

Araştırma Görevlisi, Abdullah Gül Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği, 2014 - 2019

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Numerical and experimental investigation of Joule heating in a carbon fibre powder epoxy towpregging line**
Celik M., Maguire J. M., Noble T., Robert C., Bradaigh C. M. O.
COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, cilt.164, 2023 (SCI-Expanded)
- II. **Contact resistance heating of unidirectional carbon fibre tows in a powder-epoxy towpregging line**
Celik M., Noble T., Haseeb A., Maguire J., Robert C., Bradaigh C. M. O.
PLASTICS RUBBER AND COMPOSITES, cilt.51, sa.8, ss.383-392, 2022 (SCI-Expanded)
- III. **An experimental and numerical study of the exchange current density in an HTPEM fuel cell**
Celik M., Elden G.
FUEL CELLS, cilt.21, ss.529-540, 2021 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. Influence of Line Processing Parameters on Properties of Carbon Fibre Epoxy Towpreg

Celik M., Noble T., Jorge F., Jian R., Bradaigh C. M. O., Robert C.
JOURNAL OF COMPOSITES SCIENCE, cilt.6, sa.3, 2022 (ESCI)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. POWDER EPOXY BASED COMPOSITES FOR STRUCTURAL STRENGTHENING APPLICATIONS

Çelik M., Stehling R., Botha J., Noble T., Robert C., Robert C., Ó Brádaigh C., Fernando D.
TWENTY-THIRD INTERNATIONAL CONFERENCE ON COMPOSITE MATERIALS (ICCM23), Belfast, İngiltere, 31
Temmuz - 04 Ağustos 2023, ss.0-1

II. Modelling of In situ Impregnation during the Production of Powder Epoxy Based Towpregs

Çelik M., Maguire J. M., Hasrin H., Noble T., Robert C., Ó Brádaigh C. M.
THE 15TH INTERNATIONAL CONFERENCE ON FLOW PROCESSES IN COMPOSITE MATERIALS (FPCM-15), Indiana,
Amerika Birleşik Devletleri, 27 - 29 Haziran 2023, ss.100-101

III. INFLUENCE OF CROSSLINKING DENSITY ON THE MECHANICAL PROPERTIES OF DIFFERENT POWDER EPOXIES FOR COMPOSITES APPLICATIONS

Alapati A. K., Cameron J., Noble T., Çelik M., Bajpai A., Schubiger M., Ó Brádaigh C. M.
SAMPE Europe Conference 2022, Hamburg, Almanya, 15 - 17 Kasım 2022

IV. INFLUENCE OF POWDER-EPOXY TOWPREGGING LINE PROCESSING PARAMETERS ON TOWPREG CONSOLIDATION

Hasrin H., Çelik M., Noble T., Maguire J., Ó Brádaigh C. M., Robert C.
Sampe Europe Conference 2022, Hamburg, Almanya, 15 - 17 Kasım 2022

V. Infrared Heating System for Powder-Epoxy Based Towpregging Line

Çelik M., Noble T., Alapati A. K., Maguire J., Robert C., Ó Brádaigh C. M.
International Conference on Manufacturing of Advanced Composites 2022 , Sheffield, İngiltere, 14 Eylül 2022

VI. OPTIMISED JOULE HEATING OF CARBON FIBRES IN A LOW-COST, HIGH-SPEED POWDER-EPOXY TOWPREGGING PILOT PRODUCTION LINE

Çelik M., Noble T., Maguire J., Robert C., Ó Brádaigh C. M.
Sampe Europe Conference 2021, Zürich, İsviçre, 29 - 30 Eylül 2021

VII. The Deformation Analysis of H3PO4 Doped PBI Based Membrane Electrode Assemblies

ÇELİK M., TAŞ M., ELDEN G.
1st INTERNATIONAL CONFERENCE ON ENERGY SYSTEMS ENGINEERING, Karabük, Türkiye, 2 - 04 Kasım 2017

VIII. Numerical Characterization of Permeability Tensor of Fiber Preforms for Liquid Composite Molding Applications

ÇELİK M., ÇİFTÇİ C., ESKİZEYBEK V., ŞAŞ H. S.
4th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING, 4 -
08 Ekim 2017

IX. The effect of the relative humidity on the activation polarization in a PBI based PEM fuel cell

ÇELİK M., ELDEN G.
4th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING
(ICCESN-2017), Antalya, Türkiye, 4 - 08 Ekim 2017

X. Effect of Relative Humidity on the Performance of a High Temperature PEM Fuel Cell

ÇELİK M., ÖZİŞİK G.
INTERNATIONAL CONFERENCE ON ENERGY SYSTEMS ISTANBUL 2015, İstanbul, Türkiye, 23 - 25 Aralık 2015

Metrikler

Yayın: 15

Atf (WoS): 12

Atıf (Scopus): 14

H-İndeks (WoS): 2

H-İndeks (Scopus): 2

Ödüller

Çelik M., Composite Award, The Institute Of Materials, Minerals & Mining (Iom3), Aralık 2023