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Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (Dr), Turkey 2020 - Continues

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (Dr), Turkey 2019 - 2019

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (YI) (Tezli), Turkey 2015 - 2019

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 2010 - 2015

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, AA2024/Al2O3 parçacık takviyeli metal matrisli kompozit köpüklerin üretimi ve özelliklerinin incelenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (YI) (Tezli), 2019

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Material Characterization

Academic Titles / Tasks

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği Bölümü, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparison of Alkali Concentration to Enhance Utilizability of Musa Sapientum (Banana) Fibers for Possible Textile Applications**
Şenay R. İ., Özdemir H. N., Seki Y., Keskin Ö. Y., Dalmış R., Köktaş S., Erdoğan Ü. H.
TEKSTİL VE KONFEKSİYON, vol.33, no.4, pp.313-321, 2023 (SCI-Expanded)
- II. **A new solution-based matrix material for temperature sensors**
KESKİN Ö. Y., EROL M.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.34, no.16, 2023 (SCI-Expanded)
- III. **Comparison of wear and mechanical properties of cast and 3D printed CuSn10 bronze alloy**
Kılınç A. Ç., Göktaş A. A., Keskin Ö. Y., Köktaş S., Tekin K. C.
MATERIALS TESTING, vol.65, no.5, pp.764-773, 2023 (SCI-Expanded)
- IV. **Imidazolium and Ammonium-Based Ionic Liquids for Reactive Dyeing**
Ozdemir H. N., Kartal G. E., Keskin Ö. Y., Seki Y.
TEKSTİL VE KONFEKSİYON, no.3, pp.269-276, 2023 (SCI-Expanded)
- V. **Exploration of alternative cellulosic natural fiber from the stem of Malva Sylvestris**
Albayrak D., Seki Y., Balci Kılıç G., Köktaş S., Keskin Ö. Y., Dalmış R., Karademir C.
JOURNAL OF NATURAL FIBERS, vol.19, no.16, pp.12614-12631, 2022 (SCI-Expanded)
- VI. **Extraction and Characterization of Natural Cellulosic Fiber from Taraxacum Sect. Ruderalia**
Köktaş S., Keskin Ö. Y., Dalmış R., Seki Y., Kilic G.
JOURNAL OF NATURAL FIBERS, no.16, pp.14328-14336, 2022 (SCI-Expanded)
- VII. **Investigation of TiO₂ and Ce³⁺-activated TiO₂ particles on optical properties of the PMMA embedded YAG: Ce³⁺ and LuAG: Ce³⁺**
Yildirim B., Keskin Ö. Y., Dalmis R., Birlik I., Azem F. A., Ertekin K.
OPTICAL MATERIALS, vol.133, 2022 (SCI-Expanded)
- VIII. **Natural cellulosic fiber from Carex panicea stem for polymer composites: extraction and characterization**
KESKİN Ö. Y., KÖKTAŞ S., SEKİ Y., DALMIŞ R., Kilic G., Albayrak D.
BIOMASS CONVERSION AND BIOREFINERY, 2022 (SCI-Expanded)
- IX. **Development of visible light active self-cleaning clay roofing tiles as novel building materials: An investigation on the effects of a-Fe₂O₃ coating and firing temperature**
Yavaş A., Güneş F., Erol M., Sütçü M., Güler S., Torman Kayalar M., Keskin Ö. Y.
JOURNAL OF CLEANER PRODUCTION, vol.362, 2022 (SCI-Expanded)
- X. **Extraction and Characterization of a New Lignocellulosic Fiber from Yucca Treculeana L. Leaf as Potential Reinforcement for Industrial Biocomposites**
Belaadi A., Amroune S., SEKİ Y., KESKİN Ö. Y., KÖKTAŞ S., Bourchak M., Dufresne A., Fouad H., Jawaid M.
JOURNAL OF NATURAL FIBERS, no.15, pp.12235-12250, 2022 (SCI-Expanded)
- XI. **Extrusion-Based 3D Printing of CuSn10 Bronze Parts: Production and Characterization**
KILINÇ A. Ç., GÖKTAŞ A. A., KESKİN Ö. Y., KÖKTAŞ S.
METALS, vol.11, no.11, 2021 (SCI-Expanded)
- XII. **Manipulation of brightness and decay kinetics of LuAG: Ce³⁺ and YAG: Ce³⁺ by simple metal oxides in polymeric matrices**
Yildirim B., KESKİN Ö. Y., OĞUZLAR S., BİRLİK I., Azem F. A., ERTEKİN K.
OPTICS AND LASER TECHNOLOGY, vol.142, 2021 (SCI-Expanded)
- XIII. **Extraction and characterization of cellulosic fiber from Centaurea solstitialis for composites**
KESKİN Ö. Y., DALMIŞ R., BALCI KILIÇ G., SEKİ Y., KÖKTAŞ S.
CELLULOSE, vol.27, no.17, pp.9963-9974, 2020 (SCI-Expanded)
- XIV. **Characterization of a novel natural cellulosic fiber extracted from the stem of Chrysanthemum morifolium**
DALMIŞ R., Kilic G., SEKİ Y., KÖKTAŞ S., KESKİN Ö. Y.
CELLULOSE, vol.27, no.15, pp.8621-8634, 2020 (SCI-Expanded)
- XV. **Investigation of Spectral Interactions between a SrAl₂O₄:Eu²⁺, Dy³⁺ Phosphor and Nano-Scale TiO₂**

OĞUZLAR S., ZEYREK ONGUN M., KESKİN Ö. Y., Delice T. K., Azem F. A., BİRLİK I., ERTEKİN K.

JOURNAL OF FLUORESCENCE, vol.30, no.4, pp.839-847, 2020 (SCI-Expanded)

- XVI. **Comparison of the effect of non-metal and rare-earth element doping on structural and optical properties of CuO/TiO₂ one-dimensional photonic crystals**

KESKİN Ö. Y., DALMIŞ R., BİRLİK I., AK AZEM N. F.

JOURNAL OF ALLOYS AND COMPOUNDS, vol.817, 2020 (SCI-Expanded)

- XVII. **A new one-dimensional photonic crystal combination of TiO₂/CuO for structural color applications**

DALMIŞ R., KESKİN Ö. Y., AK AZEM N. F., BİRLİK I.

CERAMICS INTERNATIONAL, vol.45, no.17, pp.21333-21340, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Improvement of Photocatalytic Degradation of Titanium Dioxide Nanomaterials by Non-metal Doping**

AK AZEM N. F., BİRLİK I., KESKİN Ö. Y., Koç Delice T.

Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.23, no.4, pp.874-882, 2023 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Recent Advances in Flexible and Wearable Sensors**

Keskin Ö. Y., Özdemir E. T., Erol M., Altınışık Tağaç A.

in: Flexible and Wearable Sensors, Ram K. Gupta, Editor, CRC Press Taylor and Francis, Florida, pp.65-80, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **EXTRUSION BASED ADDITIVE MANUFACTURING OF BRONZE PARTS**

KILINÇ A. Ç., GÖKTAŞ A. A., KESKİN Ö. Y., KÖKTAŞ S.

ULUSLARARASI BİLİM, TEKNOLOJİ VE SOSYAL BİLGİLERDE GÜNCEL GELİŞMELER SEMPOZYUMU, Ankara, Turkey, 20 - 23 December 2019

- II. **Colorization of 1-D photonic crystals with Rare-earth element doping**

KESKİN Ö. Y., AK AZEM N. F., BİRLİK I., DALMIŞ R.

4th International Symposium on Innovative Approaches in Engineering and Natural Sciences Proceedings, Samsun, Turkey, 22 - 24 November 2019

- III. **Effect of nitrogen doping on photocatalytic properties of TiO₂ nanoparticles**

KESKİN Ö. Y., dağdelen d., BİRLİK I., AK AZEM N. F.

14th NANOSCIENCE AND NANOTECHNOLOGY CONFERENCE, İzmir, Turkey, 22 - 25 October 2018

- IV. **Production of Aluminum Foam with TiH₂**

ÇANAKÇI A., KESKİN Ö. Y., ÖZKAYA S., ÇELEBİ M.

8th International Advanced Technologies Symposium, 19 - 22 October 2017

- V. **Production of Biomaterials by Powder Metallurgy Methods and Applications**

ÇANAKÇI A., KESKİN Ö. Y., ÖZKAYA S., ÇELEBİ M.

8th International Advanced Technologies Symposium, 19 - 22 October 2017

- VI. **Metal Foams Produced by Powder Metallurgy Methods and Applications**

ÇANAKÇI A., KESKİN Ö. Y., ÖZKAYA S., ÇELEBİ M.

8th International Advanced Technologies Symposium, 19 - 22 October 2017

- VII. **Investigating the Properties of Functionally Graded AlCuMg Metallic Foams**

ÇANAKÇI A., ÖZKAYA S., KESKİN Ö. Y., VAROL T., ERDEMİR F.

2nd International Defence Industry Symposium, 6 - 08 April 2017

Scientific Refereeing

FIBERS AND POLYMERS, SCI Journal, October 2022

JOURNAL OF NATURAL FIBERS, SCI Journal, October 2022

POLIMERY, SCI Journal, October 2022

CELLULOSE, SCI Journal, January 2022

CELLULOSE, SCI Journal, March 2021

Metrics

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