

## Res. Asst. ÖZGÜR YASİN KESKİN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAR-1861-2020

ScopusID: 57213616822

Yoksis Researcher ID: 284344

### Education

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 Positions

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

### Journal articles indexed in SCI, SSCI, and AHCI

- I. **Natural cellulosic fiber from Carex panicea stem for polymer composites: extraction and characterization**  
Keskin Ö. Y., Köktaş S., Seki Y., Dalmış R., Kilic G., Albayrak D.  
BIOMASS CONVERSION AND BIOREFINERY, vol.14, pp.13901-13912, 2024 (SCI-Expanded)
- II. **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)
- III. **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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **Investigation of TiO<sub>2</sub> and Ce<sup>3+</sup>-activated TiO<sub>2</sub> particles on optical properties of the PMMA embedded YAG: Ce<sup>3+</sup> and LuAG: Ce<sup>3+</sup>**  
Yıldırım B., Keskin Ö. Y., Dalmış R., Birlik I., Azem F. A., Ertekin K.  
OPTICAL MATERIALS, vol.133, 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-Fe<sub>2</sub>O<sub>3</sub> 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: Ce<sup>3+</sup> and YAG: Ce<sup>3+</sup> by simple metal oxides in polymeric matrices**  
Yıldırım 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 ofChrysanthemum 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 SrAl<sub>2</sub>O<sub>4</sub>:Eu<sup>2+</sup>, Dy<sup>3+</sup> Phosphor and Nano-Scale**

## TiO<sub>2</sub>

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/TiO<sub>2</sub> 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 TiO<sub>2</sub>/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

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

## Papers Presented at Peer-Reviewed Scientific Conferences

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, (Summary Text)

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, (Full Text)

III. **Effect of nitrogen doping on photocatalytic properties of TiO<sub>2</sub> nanoparticles**

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

14th NANOSCIENCE AND NANOTECHNOLOGY CONFERENCE, İzmir, Turkey, 22 - 25 October 2018, (Summary Text)

IV. **Production of Aluminum Foam with TiH<sub>2</sub>**

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

8th International Advanced Technologies Symposium, 19 - 22 October 2017, (Full Text)

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.

## **Peer Reviews in Scientific Publications**

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**

Publication: 27

Citation (WoS): 183

Citation (Scopus): 244

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