

## Res. Asst. MÜCAHİT KOCAMAN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AEL-8708-2022

ScopusID: 57795871100

### Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği, Turkey 2022 - Continues

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği, Turkey 2017 - 2022

Undergraduate, Bursa Technical University, Faculty Of Natural Sciences, Architecture And Engineering, Department Of Mechatronics Engineering, Turkey 2012 - 2017

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Yüksek Sıcaklık Endüstriyel Tekerlek Uygulamaları için Polimer Esaslı Kompozit Malzeme Geliştirilmesi ve Özelliklerinin İncelenmesi, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği, 2022

### Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Composites, Polymeric Materials

### Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2021 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

1. Structure and tribological properties of composites based on a Novolac matrix with Ni-P electrolytic

## **coating**

Güler O., Kocaman M., Akçay S. B., Çuvalcı H., Varol T.

Surface and Coatings Technology, vol.451, 2022 (SCI-Expanded)

## **II. The evolution of tribological properties of graphite and glass fiber reinforced novolac matrix hybrid composites**

KOCAMAN M., ÇUVALCI H.

POLYMER COMPOSITES, vol.43, no.12, pp.9100-9118, 2022 (SCI-Expanded)

## **III. Novel Flame-retarded Novolac Matrix Hybrid Composites with Graphite Particles and Glass Fiber Reinforcement**

KOCAMAN M., ÇUVALCI H., GÜLER O.

FIBERS AND POLYMERS, vol.23, no.7, pp.2017-2029, 2022 (SCI-Expanded)

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. Effect of multi-walled CNT dispersion on the Mechanical Properties of Novolac hybrid nanocomposites**

Kocaman M., Çuvalcı H., Çelebi M.

2nd International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 15 - 18 October 2022, pp.126-130

### **II. Investigation of the effects of Electrolytic Ni-P Coating on the Wear Properties of Glass Fiber and Graphite Reinforced Novolac Matrix Hybrid Composites**

Akçay S. B., Kocaman M., Güler O., Varol T., Çuvalcı H.

2nd International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 15 - 18 October 2022, pp.1132-1136

### **III. The Effect of Aging Time and Temperature on The Hardness and Tensile Strength of Al2024 Alloy and Al2024/Graphene/B4C Hybrid Nanocomposite**

Çelebi M., Çanakçı A., Kocaman M.

2nd International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 15 - 18 October 2022, pp.1104-1107

### **IV. Tribological properties of glass fiber reinforced Novolac/Gr hybrid composites**

Kocaman M., Çuvalcı H.

1st International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 10 - 13 May 2022, pp.533-538

### **V. Application of electrolytic Ni-P coatings onto Novolac/Graphite/Glass Fiber hybrid composites**

Güler O., Kocaman M.

1st International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 10 - 13 May 2022, pp.526-531

### **VI. Influence of the graphite content on the tribological properties of Novolac/GF/Gr hybrid composites**

Kocaman M., Çuvalcı H., Güler O.

1st International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 10 - 13 May 2022, pp.516-522

### **VII. Effect of graphite particles on the mechanical and physical properties of Novolac/Gr/Glass fiber hybrid composites**

Kocaman M., Çuvalcı H.

1st International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 1 - 03 November 2021, pp.308-314

### **VIII. Effect of glass fiber rate on the mechanical and physical properties of Novolac/Gr/Glass fiber hybrid composites**

Kocaman M., Çuvalcı H., Güler O.

1st International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 1 - 03 November 2021,

## Supported Projects

SARI A., GÜLER O., KOCAMAN M., AKÇAY S. B., ÇAKIR E., ÇANAKÇI A., ALVER Ü., ÇUVALCI H., VAROL T., ASLAN M., et al., Project Supported by Higher Education Institutions, MetalGenleştirilmiş GrafitKarbonize edilmiş Polimer Köpük Kompozit Faz Değıştiren Malzemelerinin Isıl Enerji Depolama Amaçlı Geliştirilmesi, 2022 - Continues  
Aslan M., Çuvalcı H., Kocaman M., Çava K., Günaçar A. F., Erdem A. F., Öztürk M., Adanur C., Sarkı G., Project Supported by Higher Education Institutions, Hafif silah gövdelerinde cam elyaf takviyeli Poliamid 66 kompozitlerin kullanım özelliklerine doğal ve suni yaşlandırma etkisinin incelenmesi, 2022 - 2024

## Metrics

Publication: 11  
Citation (WoS): 1  
Citation (Scopus): 3  
H-Index (WoS): 1  
H-Index (Scopus): 1

## Non Academic Experience

Public Corporation, Türk Standardları Enstitüsü, Trabzon Ürün Belgelendirme Müdürlüğü  
National Education Directorate, FARUK BAŞARAN BİLİM VE SANAT MERKEZİ, Proje Eğitmeni