

## Res. Asst. Zekeriya Yaşar CÖMERT

### Personal Information

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### Education Information

Doctorate, Yildiz Technical University, Fen Bilimleri, Malzeme Mühendisliği Ve Bilimi, Turkey 2002 - Continues

Postgraduate, Yildiz Technical University, Fen Bilimleri, Malzeme Mühendisliği Ve Bilimi, Turkey 1999 - 2002

Undergraduate, Yildiz Technical University, Kimya Metalurji Fakültesi, Metalurji Mühendisliği, Turkey 1995 - 1999

### Foreign Languages

English, B1 Intermediate

### Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Testing and Control of Materials, Mechanical Properties, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, 1999 - Continues

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

- I. **EFFECTS OF DIFFERENT BONDING AGENTS ON THE SHEAR BOND STRENGTH BETWEEN MONOLITHIC ZIRCONIA AND INDIRECT COMPOSITE**  
Mergen E. S., CÖMERT Z. Y., İşsever D. S. A., Kelesoğlu E., Deger S. I.  
International Journal of Prosthodontics, vol.36, no.4, 2023 (SCI-Expanded)
- II. **The Effect of Pre ceramic Soldering on Fracture Resistance of 4-Unit Zirconia Fixed Dental Prostheses**  
Irem D. O., CÖMERT Z. Y., Alpkilic D. S., Kelesoglu E., Deger S. I.  
JOURNAL OF PROSTHODONTICS-IMPLANT ESTHETIC AND RECONSTRUCTIVE DENTISTRY, vol.31, no.9, pp.815-821, 2022 (SCI-Expanded)
- III. **Characterisation and comparison of disc brake pads of heavy vehicles by experimental methods**  
Topuz P., Cömert Z. Y., Topuz A.  
INTERNATIONAL JOURNAL OF SURFACE SCIENCE AND ENGINEERING, vol.13, no.4, pp.283-292, 2019 (SCI-Expanded)
- IV. **Characterization of mechanical properties and corrosion behaviours of Mn and Al Bronze Castings**  
Charakterisierung der mechanischen Eigenschaften und des Korrosionsverhaltens von Gussteilen

### aus Mn-und Al-Bronze

Türker M., ACAR S., CÖMERT Z. Y., KISASÖZ A., GÜLER K. A.

Praktische Metallographie/Practical Metallography, vol.55, no.1, pp.5-18, 2018 (SCI-Expanded)

- V. **Characterization of Mechanical Properties and Corrosion Behaviours of Mn and Al Bronze Castings**  
Turker M., ACAR S., CÖMERT Z. Y., KISASÖZ A., GÜLER K. A.  
PRAKTISCHE METALLOGRAPHIE-PRACTICAL METALLOGRAPHY, vol.55, no.1, pp.5-18, 2018 (SCI-Expanded)
- VI. **Experimental Research on Properties of Naval Brass Castings**  
Turker M., CÖMERT Z. Y., KISASÖZ A., GÜLER K. A.  
PRAKTISCHE METALLOGRAPHIE-PRACTICAL METALLOGRAPHY, vol.53, no.1, pp.24-35, 2016 (SCI-Expanded)
- VII. **The Effects of Process Parameters on the Recycling Efficiency of Used Aluminium Beverage Cans (UBCs)**  
Ozer G., YUKSEL C., COMERT Z. Y., GULER K. A.  
MATERIALS TESTING, vol.55, no.5, pp.396-400, 2013 (SCI-Expanded)
- VIII. **Nitriding of a 42CrMo4 and a 34CrAlNi7 steel in a fluidized bed furnace**  
Comert Z., Topuz P., Sagin A., Topuz A.  
MATERIALPRUFUNG, vol.48, pp.493-497, 2006 (SCI-Expanded)
- IX. **Effect of different surface treatments on the surface roughness and hardness of dental porcelain**  
Deger S., Sermet B., Comert Z. Y., Bultan O.  
EURO CERAMICS VIII, PTS 1-3, vol.264-268, pp.2123-2128, 2004 (SCI-Expanded)

### Papers Published in Refereed Scientific Meetings

- I. **Corrosion, Mechanical and Microstructural Characteristics of Modified Navy G Bronze Casts**  
TURKER M., ACAR S., CÖMERT Z. Y., KISASÖZ A., GÜLER K. A.  
International Conference on Engineering Technology and Innovation, Sarajevo, Bosnia And Herzegovina, 22 March 2017, pp.303-305
- II. **ESR İşlemi İle Üretilmiş %3 Molibden İçerikli Sıcak İş Takım Çeliğinde Sertleştirme İşleminin Nitrasyon Tabakasının Mekanik Özelliklerine Etkisi**  
CÖMERT Z. Y.  
3.Isıl İşlem Sempozyumu, 01 November 2009
- III. **Possible Applications of Thermal Barrier Coatings in Space Practices**  
CÖMERT Z. Y.  
3rd International Conference on Recent Advances in Space Technologies Space for a More Secure World RAST 2007, 01 June 2007
- IV. **On the application possibility of thermal barrier coatings in space practices**  
Pirge G., Koc I., Basaran A., Comert Z. Y., Altintas S.  
3rd International Conference on Recent Advances in Space Technologies, İstanbul, Turkey, 14 - 16 June 2007, pp.152-153
- V. **Biomaterials Used In Powder Metalurgy**  
Cömert I., Cömert Z. Y., Bakkaloğlu A.  
11th International Materials Symposium, Denizli, Turkey, 19 - 21 April 2006, pp.826-834
- VI. **Effect of different surface treatments on the surface roughness and hardness of dental porcelain**  
Değer S., Şermet B., CÖMERT Z. Y., Bultan Ö.  
Proceedings of the 8th Conference and Exhibition of the European Ceramic Society, İstanbul, Turkey, 29 June - 03 July 2003, pp.2123-2128

### Supported Projects

EREN T., TOPUZOĞULLARI M., CÖMERT Z. Y., çetinkaya i. c., Yivlik Y., Project Supported by Higher Education Institutions,

Bitkisel yağlardan polimerler, 2022 - 2024

KARAASLAN A., CÖMERT Z. Y., Uygunluk Değerlendirmesinde Kritik Bir Halka: Laboratuvarlar Arası Karşılaştırma ve Yetkinlik Test (LAK/YT) Birimi Oluşturulması, 2012 - 2013

## **Metrics**

Publication: 15

Citation (WoS): 8

Citation (Scopus): 16

H-Index (WoS): 1

H-Index (Scopus): 2

## **Non Academic Experience**

Yıldız Teknik Üniversitesi, Arş. Görevlisi