

## Lect. ÖMER ŞAHİN

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Gaziantep University, Turkey 2021 - Continues

Postgraduate, Ondokuz Mayıs University, Turkey 2017 - 2019

Undergraduate, Ondokuz Mayıs University, Turkey 2012 - 2016

### Foreign Languages

English

### Dissertations

Postgraduate, Ostomili hastalarda yaşam kalitesi ile psikolojik iyilik hali arasındaki ilişkinin incelenmesi, Ondokuz Mayıs University, 2019

### Academic Titles / Tasks

Lecturer, Hatay Mustafa Kemal University, KIRIKHAN MESLEK YÜKSEKOKULU, 2021 - 2021

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

- I. **The role of heat treatment on the structural and nano-mechanical properties of SmCo5 thin films grown by RF magnetron sputtering technique**  
Kuru M., Ozmetin A., Ozmetin A., ŞAHİN Ö.  
Ceramics International, vol.43, no.4, pp.3893-3899, 2017 (SCI-Expanded)
- II. **Fabrication and mechanical characterization of rare earth permanent magnet SmCo5 films**  
Kuru M., ŞAHİN Ö., ÖZARSLAN S., Ozmetin A.  
Journal of Alloys and Compounds, vol.694, pp.726-732, 2017 (SCI-Expanded)
- III. **Influence of CaO on the nanohardness behaviour of AZ63 magnesium alloys produced by mechanical alloying method**  
Boztas M., ÖZARSLAN S., ŞAHİN Ö.  
Acta Physica Polonica A, vol.130, no.1, pp.357-361, 2016 (SCI-Expanded)
- IV. **Nanomechanical properties of different dental restorative materials**  
Altan H., Bilgic F., Arslanoglu Z., Kale E., Köroglu Kale A., Altan A., ŞAHİN Ö.

Acta Physica Polonica A, vol.130, no.1, pp.394-396, 2016 (SCI-Expanded)

**V. Influence of rare earth element on the mechanical properties of ZE41 magnesium alloys produced by mechanical alloying**

ŞAHİN Ö., Haluk Ertsak F., Oztekin K., ÖZARSLAN S.

Acta Physica Polonica A, vol.130, no.1, pp.289-292, 2016 (SCI-Expanded)

**VI. Nanomechanical behaviour and surface roughness of new generation dental fissure sealants**

Arslanoglu Z., Altan H., Kale E., Bilgiç F., ŞAHİN Ö.

Acta Physica Polonica A, vol.130, no.1, pp.388-393, 2016 (SCI-Expanded)

**VII. Production and mechanical behaviour of biomedical CoCrMo alloy**

ŞAHİN Ö., Tuncdemir A. R., Cetinkara H. A., Guder H. S., Sahin E.

Chinese Physics Letters, vol.28, no.12, 2011 (SCI-Expanded)

**VIII. Vickers and Knoop indentation microhardness study of  $\beta$ -SiAlON ceramic**

Güder H., Şahin E., ŞAHİN Ö., Göçmez H., DURAN C., Ali Çetinkara H.

Acta Physica Polonica A, vol.120, no.6, pp.1026-1033, 2011 (SCI-Expanded)

**IX. Comparison of mechanical properties of boronized and vanadium carbide coated AISI 1040 steels**

ÇALIK A., TAYLAN F., ŞAHİN Ö., UÇAR N.

Indian Journal of Engineering and Materials Sciences, vol.16, no.5, pp.326-330, 2009 (SCI-Expanded)

**X. Effects of ZnO addition on mechanical properties of Bi<sub>1.84</sub>Pb<sub>0.34</sub>Sr<sub>1.91</sub>Ca<sub>2.03</sub>Cu<sub>3.06</sub>O<sub>10</sub> prepared by a wet technique**

Karaca I., Uzun O., Kölemen U., Yilmaz F., ŞAHİN Ö.

Journal of Alloys and Compounds, vol.476, no.1-2, pp.486-491, 2009 (SCI-Expanded)

**XI. Mechanical properties of boronized AISI 316, AISI 1040, AISI 1045 and AISI 4140 steels**

ÇALIK A., ŞAHİN Ö., UÇAR N.

Acta Physica Polonica A, vol.115, no.3, pp.694-698, 2009 (SCI-Expanded)

## Metrics

Publication: 11

Citation (Scopus): 166

H-Index (Scopus): 6

## Non Academic Experience

KOCAELİ DERİNCE EĞİTİM VE ARAŞTIRMA HASTANESİ