

Res. Asst. UĞUR BARUT

Personal Information

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Education Information

Doctorate, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Metalurji ve Malzeme Mühendisliği, Turkey 2018 - Continues

Post Graduate, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Metalurji ve Malzeme Mühendisliği, Turkey 2017 - 2018

Under Graduate, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, Turkey 2011 - 2015

Certificates, Courses and Trainings

Vocational Course, SolidWorks, Üçüncübinyıl, 2014

Dissertations

Post Graduate, Ni-B-Co Coating On Medium-carbon Steels By Electrodeposition, Ankara Yildirim Beyazit University, Mühendislik Ve Doğa Bilimleri Fakültesi, Metalurji Ve Malzeme Mühendisliği, 2018

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Plating, Metallic Materials

Academic Titles / Tasks

Research Assistant, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Metalurji ve Malzeme Mühendisliği, 2017 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- Influence of current type on tribological and corrosion properties of nickel boron coatings produced by electrodeposition**

Barut U., Karslioglu R.

Kovove Materialy, vol.57, no.3, pp.167-175, 2019 (Journal Indexed in SCI Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis and Characterization of Ni-Co/hBN Nanocomposite Coatings Prepared by One-Step Electrodeposition at Different Duty Cycles**
BARUT U., KARSLIOĞLU R.
International Conference on Advanced Materials Science Engineering and High Tech Devices Applications Exhibition (ICMATSE 2020), Ankara, Turkey, 2 - 04 October 2020, pp.198
- II. **Fabrication and Characterization of Graphene Reinforced Ni-B Nanocomposite Coatings Produced by Electrodeposition**
BARUT U., SÜRDEM S., KARSLIOĞLU R.
Advanced Materials Science and Engineering and High Tech Device Applications (ICMATSE), Ankara, Turkey, 2 - 04 October 2020
- III. **Microstructural, Surface and Electrochemical Properties of Electrodeposited Ni-B/B₄C Nanocomposite Coatings**
BARUT U., SÜRDEM S., KARSLIOĞLU R.
Advanced Materials Science and Engineering and High Tech Device Applications (ICMATSE), Ankara, Turkey, 2 - 04 October 2020
- IV. **Effect of Amount of Multi-Walled Carbon Nanotube on Ni-B/Multi-Walled Carbon Nanotube Nanocomposite Coatings Produced by Electrodeposition**
Barut U., Karshoğlu R.
The 5th International Conference on Engineering Sciences, Ankara, Turkey, 19 - 20 September 2019, pp.95
- V. **Effect of Graphene Concentration on Ni-B/Graphene Nanocomposite Coating Produced by Electrodeposition**
Barut U., Karshoğlu R.
The 5th International Conference on Engineering Sciences, 19 September, Ankara, Turkey, 19 - 20 September 2019, pp.94
- VI. **Farklı Akım Türlerinin α -Al₂O₃ Takviyeli Gümüş Matrisli Nano Kompozit Kaplamaların Mikroyapısına Etkileri**
Barut U., Kalkan Z., Gürcan E., Karshoğlu R.
1st International Conference on Advances in Mechanical and Mechatronics Engineering (ICAMMEN 2018), Ankara, Turkey, 8 - 09 November 2018, pp.20
- VII. **Effect of Nano SiC Amounts on Tribological properties of Ni-B-Co Based Nano Composite Produced by Electrodeposition**
Barut U., Karshoğlu R., Okuyucu H.
2nd International Conference on Tribology (TurkeyTrib'18), İstanbul, Turkey, 18 - 20 April 2018, pp.56
- VIII. **Effect of Different Current Type on Tribological Properties of Ni-B-Co/SiC Nano Composite Coatings Produced by Electrodeposition**
Barut U., Gürcan E., Karshoğlu R., Okuyucu H.
2nd International Conference on Tribology (TurkeyTrib'18), İstanbul, Turkey, 18 - 20 April 2018, pp.57
- IX. **Effect of Current Type on Tribological Properties of Nickel Boron Coatings Produced by Electrodeposition**
Barut U., Gürcan E., Karshoğlu R., Okuyucu H.
2nd International Conference on Tribology (TurkeyTrib'18), İstanbul, Turkey, 18 - 20 April 2018, pp.55
- X. **Characteristics of Nickel Boron Electrodeposition Coatings prepared by Different Current Type**
Barut U., Karshoğlu R., Okuyucu H., Öktem M. F.
1st International Symposium on Light Alloys and Composite Materials (ISLAC18), Karabük, Turkey, 22 - 24 March 2018, pp.192
- XI. **Synthesis of Nano Al₂O₃ Reinforcement Ni-Based Nanocomposite Coating by Electroless Deposition Technique**
Barut U., Karshoğlu R., Öktem M. F., Okuyucu H.
1st International Symposium on Light Alloys and Composite Materials (ISLAC '18), Karabük, Turkey, 22 - 24 March 2018, pp.398