

**Assoc. Prof. RAMAZAN
KARSLIOĞLU**



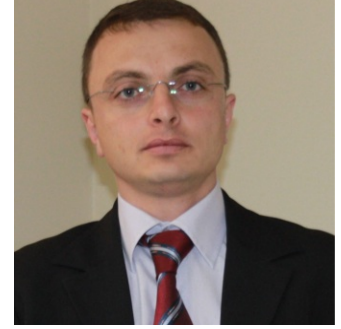
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International Researcher IDs

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Publons / Web Of Science ResearcherID: KIL-6698-2024

ScopusID: 24332089500

Yoksis Researcher ID: 124609

Education Information

Post Doctorate, The University of Warwick, WMG International Manufacturing Centre, WMG International Manufacturing Centre, England 2022 - 2022

Post Doctorate, The University of Texas at Arlington, Engineering Faculty, Materials Science and Engineering, United States Of America 2014 - 2015

Doctorate, Sakarya University, Institute Of Science, Metalurji Ve Malzeme Mühendisliği (Dr), Turkey 2007 - 2014

Postgraduate, Sakarya University, Institute Of Science, Metalurji Ve Malzeme Mühendisliği (YI) (Tezli), Turkey 2005 - 2007

Undergraduate, Sakarya University, Faculty Of Engineering, Department Of Metallurgical And Materials Engineering, Turkey 2002 - 2005

Associate Degree, Selcuk University, Technical Sciences Vocational School, Department Of Mechanical And Metal Technologies, Turkey 1997 - 2002

Biography

I am currently serving as an Associate Professor in the Department of Industrial Design at Ankara Yıldırım Beyazıt University. I completed my Ph.D. in Metallurgical and Materials Engineering at Sakarya University in 2007 and worked as a research assistant at the same university from 2005 to 2016. From 2016 to 2020, I served as an Assistant Professor, followed by an appointment as an Associate Professor in the Department of Metallurgical and Materials Engineering at Ankara Yıldırım Beyazıt University from 2020 to 2021. Since 2021, I have been working as an Associate Professor in the Department of Industrial Design at Ankara Yıldırım Beyazıt University.

Throughout my academic career, I conducted research on electrical (transformer) steels at Cardiff University's Wolfson Institute. I completed a postdoctoral research project on ultra-hard coatings at the University at Arlington. At Warwick University and the Advanced Steel Research Centre (ASRC) at WMG, I conducted research on thermo-mechanical processing of steels and contributed to advancements in the field. I am proficient in various analytical techniques including Scanning Electron Microscopy (EBSD, EDX included), XRD, Raman Spectroscopy, FTIR, Thermal Analysis (TGA,

DTA, LFA), Tribology, and mechanical testing (hardness, fracture, tensile tests). My current research focuses on the microstructure and characterization of material properties. I have significant expertise in SEM using instruments such as Hitachi SU5000 and Jeol 7800F, as well as in EBSD techniques using equipment like Oxford Symmetry and Aztec Crystal.

I served as the Director of the Central Research Laboratory Application and Research Center at Ankara Yıldırım Beyazıt University from 2020 to 2023, chaired the Department of Translational Medicine at the Health Sciences Institute from 2021 to 2023, and held positions as a board member of the Faculty of Architecture and Fine Arts at Ankara Yıldırım Beyazıt University since 2020. My publications include numerous articles in various international journals and presented conference papers.

Dissertations

Doctorate, Karbon nanotüp takviyeli nikel-kobalt kaplamaların geliştirilmesi, Sakarya Üniversitesi, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (Dr), 2014

Postgraduate, Kimyasal buhar biriktirme yöntemiyle SnO₂ kaplamaların üretilmesi, Sakarya Üniversitesi, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (YI) (Tezli), 2007

Research Areas

Ceramic Materials, Semiconductor and Superconductor Materials, Optical Properties, Testing and Control of Materials, Mechanical Properties, Physical Properties, Electrical and Magnetic Properties, Chemical and Electrochemical Properties, Corrosion and Corrosion Protection, Composites, Physical Metallurgy, Thermal Treatment, Plating, Material Characterization, Mechanical Metallurgy, Metallic Materials, Nanomaterials, Thermal Properties, Structure-Property Relationship, Surface Finishing Processes

Academic Titles / Tasks

Associate Professor, Ankara Yıldırım Beyazıt University, Güzel Sanatlar Fakültesi, Endüstri Ürünleri Tasarımı, 2021 - Continues

Associate Professor, Ankara Yıldırım Beyazıt University, Mühendislik ve Doğa Bilimleri Fakültesi, Metalurji ve Malzeme Mühendisliği, 2020 - 2021

Assistant Professor, Ankara Yıldırım Beyazıt University, Mühendislik ve Doğa Bilimleri Fakültesi, Metalurji ve Malzeme Mühendisliği, 2016 - 2020

Research Assistant, Sakarya University, Institute Of Science, 2005 - 2016

Research Assistant, The University of Texas at Arlington, Materials Science And Engineering, 2014 - 2015

Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Ankara Yıldırım Beyazıt University, Faculty of Architecture and Fine Arts, 2020 - Continues

Head of Department, Ankara Yıldırım Beyazıt University, Sağlık Bilimleri Enstitüsü, Transsayonel Tıp, 2021 - 2023

Manager of Research and Application Center, Ankara Yıldırım Beyazıt University, Rektörlük Merkezi, 2020 - 2023

Courses

MEDICAL ÜRÜN ÜRETİMİNDE MALZEME BİLİMİ, Doctorate, 2021 - 2022

MEDICAL ÜRÜN ÜRETİMİNDE MALZEME BİLİMİ, Doctorate, 2021 - 2022
SANATSAL TASARIM VE ÜRETİM İÇİN MALZEME BİLİMİ, Postgraduate, 2021 - 2022
TASARIM İÇİN MALZEME SEÇİMİ, Postgraduate, 2021 - 2022
MSE 303 Processing of Materials I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
MASTER'S THESIS, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
MSA 316 Steel and Heat Treatment, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
MSE 316 Physical Metallurgy, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
MSE 410 Graduation Project, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
MSE519 THIN FILM COATING TECHNOLOGIES, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
SPECIAL STUDIES, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
MSE 301 Materials Processing Lab. I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
RSED 302 Sosyal Etkinlik, Undergraduate, 2018 - 2019
THIN FILM COATING TECHNOLOGIES, Doctorate, 2018 - 2019, 2017 - 2018
MSE 403 Selection and Performance of Materials, Undergraduate, 2017 - 2018, 2016 - 2017
TRIBOLOGICAL BEHAVIOUR OF MATERIALS, Doctorate, 2016 - 2017
MSE538 TRIBOLOGICAL BEHAVIOUR OF MATERIALS, Postgraduate, 2016 - 2017, 2015 - 2016
ENGR231 Engineering Ethics, Undergraduate, 2016 - 2017
MSE404 Diffraction and Crystal Structure, Undergraduate, 2015 - 2016

Advising Theses

Öztürk F., Karşlıođlu R., EFFECTS OF GRAPHENE ADDITION AND HEAT TREATMENT ON MICROSTRUCTURE AND TRIBOLOGICAL PROPERTIES OF NI-P ELECTROLESS COATING, Postgraduate, H.GÜNDÜZ(Student), 2022
Karşlıođlu R., TITANIUM DIBORIDE (TiB₂) REINFORCED SILVER (Ag) BASED NANOCOMPOSITE COATINGS BY ELECTRODEPOSITION METHOD, Postgraduate, D.COŞMUŞ(Student), 2022
Karşlıođlu R., SILICON CARBIDE REINFORCEMENT SILVER METAL MATRIX NANOCOMPOSITE COATINGS ON COPPER BY DIFFERENT ELECTRODEPOSITION METHODS AND AMOUNT OF SILICON CARBIDE, Postgraduate, E.GÜRCAN(Student), 2021
Karşlıođlu R., Ni-B-Co Coating on Medium-carbon Steels by Electrodeposition, Postgraduate, U.BARUT(Student), 2018
Karşlıođlu R., Graphene Reinforced Silver Nanocomposite by Electrodeposition for Electrical Contact Materials, Postgraduate, L.A.ALRAHMAN(Student), 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of Current Type and Density on Tribological Properties of Electrodeposited Ni-Co/MWCNT Nanocomposite Coatings**
Karşlıođlu R., Akçıl M., Alp A., Akbulut H.
JOM, vol.75, no.12, pp.5114-5125, 2023 (SCI-Expanded)
- II. **Effect of temperature on microstructure and physical properties of Zn-Al/SiC/Gr hybrid composites produced by current sintering Sıcaklık deđişiminin akım sinterleme yöntemi üretilmiş Zn-Al/SiC/Gr hibrit kompozitlerin mikroyapı ve fiziksel özelliklerine etkisi**
Karşlıođlu R., Akçıl M., Uysal M., Bađdatlı G., Alp A., Akbulut H.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.38, no.4, pp.2339-2346, 2023 (SCI-Expanded)
- III. **Microstructural Evaluation of Graphene-Reinforced Nickel Matrix Ni-P-Gr Coating on Ti-6Al-4V Alloy by the Electroless Coating Method**
Gunduz H., KARSLIOĐLU R., ÖZTÜRK F.
Coatings, vol.12, no.12, 2022 (SCI-Expanded)

- IV. **Electrical contact performance of various electro-deposited graphene reinforced silver-based nanocomposites**
Karslioglu R., Al-Falahi L.
Materialpruefung/Materials Testing, vol.62, no.4, pp.401-407, 2020 (SCI-Expanded)
- V. **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 (SCI-Expanded)
- VI. **Comparison microstructure and sliding wear properties of nickel-cobalt/CNT composite coatings by DC, PC and PRC current electrodeposition**
Karslioglu R., Akbulut H.
Applied Surface Science, vol.353, pp.615-627, 2015 (SCI-Expanded)
- VII. **Electrochemical performance of pulse electrodeposited Sn-Ni/MWCNT composite anode for lithium-ion batteries**
Uysal M., Görmü H., Karslioglu R., Alp A., Akbulut H.
Acta Physica Polonica A, vol.125, no.2, pp.353-356, 2014 (SCI-Expanded)
- VIII. **The Preparation of Zeolite/Ag Composite Powders by Electroless Deposition Process**
Uysal M., Karslioglu R., Gul H., Aslan S., Keskin S., Okumus S., Alp A.
Powder Metallurgy and Metal Ceramics, vol.53, pp.262-268, 2014 (SCI-Expanded)
- IX. **Tribological behaviours of hybrid Zn-Al metal matrix composites produced by a rapid current sintering technique**
Karslioglu R., Akbulut H., Uysal M., Bağdatli G.
Industrial Lubrication and Tribology, vol.66, no.3, pp.481-489, 2014 (SCI-Expanded)
- X. **The preparation of core-shell Al₂O₃/Ni composite powders by electroless plating**
Uysal M., Karslioglu R., Alp A., Akbulut H.
Ceramics International, vol.39, no.5, pp.5485-5493, 2013 (SCI-Expanded)
- XI. **The preparation of core-shell Al₂O₃/Cu composite powders by electroless plating in the alkaline solution**
Uysal M., Karslioglu R., Alp A., Akbulut H.
Acta Physica Polonica A, vol.123, no.2, pp.238-240, 2013 (SCI-Expanded)
- XII. **Reciprocating wear behavior of Ni-Co alloys produced by pulse current electrodeposition**
Karslioglu R., Uysal M., Alp A., Akbulut H.
Acta Physica Polonica A, vol.123, no.2, pp.424-426, 2013 (SCI-Expanded)
- XIII. **Characteristics bronze/Al₂O₃(Ni) reinforcement metal matrix composite produced by current activated sintering**
Uysal M., Karslioglu R., Akbulut H., Alp A.
Acta Physica Polonica A, vol.123, no.2, pp.235-237, 2013 (SCI-Expanded)
- XIV. **Thermal expansion and thermal conductivity behaviors of Al-Si/SiC/graphite hybrid metal matrix composites (MMCs)**
Okumus S. C., Aslan S., Karslioglu R., Gultekin D., Akbulut H.
Medziagotyra, vol.18, no.4, pp.341-346, 2012 (SCI-Expanded)
- XV. **Nanostructured core-shell Ni deposition on SiC particles by alkaline electroless coating**
Uysal M., Karsliolu R., Alp A., Akbulut H.
Applied Surface Science, vol.257, no.24, pp.10601-10606, 2011 (SCI-Expanded)
- XVI. **The effect of substrate temperature on the electrical and optic properties of nanocrystalline tin oxide coatings produced by APCVD**
Karslolu R., Uysal M., Akbulut H.
Journal of Crystal Growth, vol.327, no.1, pp.22-26, 2011 (SCI-Expanded)
- XVII. **The effect of substrate temperature on the microstructural properties of nanocrystalline TiN oxide coatings produced by APCVD**
Karshoğlu R., Alp A., Akbulut H.

- Journal of Coatings Technology and Research, vol.7, no.4, pp.503-510, 2010 (SCI-Expanded)
- XVIII. **Wear behavior of bronze hybrid MMCs coatings produced by current sintering on steel substrates**
Karslioğlu R., Uysal M., Alp A., Akbulut H.
Tribology Transactions, vol.53, no.5, pp.779-785, 2010 (SCI-Expanded)
- XIX. **Rod- and wire-like morphologies of tin oxide developed with plasma oxidation after electrodeposition**
Uysal M., Karslioğlu R., Guler M., Alp A., Akbulut H.
Materials Letters, vol.63, pp.422-424, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of microstructure and mechanical properties of PMMA Matrix composites reinforced with residual YSZ from CAD/CAM Milling process**
ÖZDOĞAN M. S., KARSLIOĞLU R.
International Journal of Dental Materials, vol.3, no.2, pp.37-44, 2021 (Peer-Reviewed Journal)
- II. **MWCNT Oranının MWCNT ile güçlendirilmiş Al₂O₃ Matrisli Nanokompozitlerin Mikroyapı ve Mekanik Özelliklerine Etkisi**
KARSLIOĞLU R.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.7, no.3, pp.1922-1930, 2019 (Peer-Reviewed Journal)
- III. **Akımsız Kaplama Yöntemi ile Üretilmiş Grafen Takviyeli Gümüş Matrisli Nanokompozitlerin Yapısal Özelliklerine Banyo Bileşiminin Etkisi**
KARSLIOĞLU R.
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.11, no.2, pp.637-642, 2019 (Peer-Reviewed Journal)
- IV. **Nano Al₂O₃ Oranının Ni-Co Matrisli Nano Kompozit Kaplamaların Tribolojik Özelliklerine Etkisi**
KARSLIOĞLU R.
Academic Platform Journal of Engineering and Science, vol.6, no.2, pp.116-123, 2018 (Peer-Reviewed Journal)
- V. **Effect of Sintering Current Density on the Production of Multi-Walled Carbon Nanotube Reinforced Bronze Matrix MMCs**
KARSLIOĞLU R., UYSAL M., AKBULUT H.
Advanced Science, Engineering and Medicine, vol.3, no.1, pp.58-62, 2011 (Peer-Reviewed Journal)
- VI. **Coating Ni-Co-Multi-Walled Carbon Nanotube Metal Matrix Nanocomposites by Electrodeposition**
KARSLIOĞLU R., UYSAL M., SANCAR M., AKBULUT H.
Advanced Science, Engineering and Medicine, vol.3, no.1, pp.72-76, 2011 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **THE PREPARATION OF Al₂O₃-Ag CORE-SHELL MICROSPHERES BY USING SEED MEDIATED GROWTH ELECTROLESS PLATING**
BOZKAYA M., ATEŞ H., KARSLIOĞLU R.
International Conference on Advanced Materials Science & Engineering and High Tech Devices Applications; Exhibition (ICMATSE 2022), Ankara, Turkey, 27 - 29 October 2022, pp.131-134
- II. **Effect of Graphene Addition and Heat Treatment on Microstructure and Tribological Properties of Ni-P Electroless Coating**
GÜNDÜZ H., ÖZTÜRK F., KARSLIOĞLU R.
VI. International Scientific and Vocational Studies Congress – Science and Health (BILMES SH 2021), Turkey, 23 December 2021
- III. **Electrical contact performance of of Nano pariculate reinforced Ag based nanocomposite produced by electropositions**
KARSLIOĞLU R.

5 th ASIA' International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT-Asia), Ankara, Turkey, 25 October 2021

- IV. **Effect of Current Type on Ag-TiB₂ Nanocomposite**
COŞMUŞ D., SÜRDEM S., ATEŞ H., KARSLIOĞLU R.
5 th ASIA' International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT-Asia), Ankara, Turkey, 25 October 2021
- V. **Effect of Reinforcement Amount on Ag-CdO Nanocomposite Coatings**
COŞMUŞ D., SÜRDEM S., ATEŞ H., KARSLIOĞLU R.
5 th ASIA' International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT-Asia), Ankara, Turkey, 25 October 2021
- VI. **Titanium Diboride (TiB₂) Reinforced Silver Based Nanocomposite Coatings with Electrodeposition Method**
Coşmuş D., Barut U., Sürdem S., Çankaya G., Ateş H., Karşlıoğlu R.
Int. Conf. Advanced. Mater. Sci.& Eng. HiTech. and Device Appl. , Ankara, Turkey, 2 - 04 October 2020, pp.208-209
- VII. **CdO Reinforced Ag Based Nanocomposite Coating by Pulse and PRC Electrodeposition Method**
Coşmuş D., Barut U., Sürdem S., Çankaya G., Ateş H., Karşlıoğlu R.
Int. Conf. Advanced. Mater. Sci.& Eng. HiTech. and Device Appl., Ankara, Turkey, 2 - 04 October 2020, pp.218-219
- VIII. **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
- IX. **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
- X. **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
- XI. **Elektrodepozisyon Yöntemi Kullanılarak Üretilmiş Ni-Co/MWCNT Nano Kompozit Kapamasının Mikro Yapı ve Mekanik Özelliklerine MWCNT Konsantrasyonunun Etkisi**
KARSLIOĞLU R., AKBULUT H.
IATENS 2019, 4 - 06 October 2019, pp.798-801
- XII. **Effect of Amount Of Multi-Walled Carbon Nanotube On Ni-B/Multi-Walled Carbon Nanotube Nanocomposite Coatings Produced By Electrodeposition**
BARUT U., KARSLIOĞLU R.
5th International Conferences on Engineering Sciences, 19 September 2019, pp.95
- XIII. **Effect of Amount of Multi-Walled Carbon Nanotube on Ni-B/Multi-Walled Carbon Nanotube Nanocomposite Coatings Produced by Electrodeposition**
Barut U., Karşlıoğlu R.
The 5th International Conference on Engineering Sciences, Ankara, Turkey, 19 - 20 September 2019, pp.95
- XIV. **MWCNT Reinforcement Silver Based Nanocomposite by Electrodeposition**
BARUT U., KARSLIOĞLU R.
5th International Conferences on Engineering Sciences, 19 September 2019, pp.94
- XV. **Effect of Graphene Concentration on Ni-B/Graphene Nanocomposite Coating Produced by Electrodeposition**
Barut U., Karşlıoğlu R.
The 5th International Conference on Engineering Sciences, 19 September, Ankara, Turkey, 19 - 20 September

2019, pp.94

- XVI. **Farklı Akım Türlerinin α -Al₂O₃ Takviyeli Gümüş Matrisli Nano Kompozit Kaplamaların Mikroyapısına Etkileri**
Barut U., Kalkan Z., Gürcan E., Karşlıoğlu R.
1st International Conference on Advances in Mechanical and Mechatronics Engineering (ICAMMEN 2018) , Ankara, Turkey, 8 - 09 November 2018, pp.20
- XVII. **FARKLI AKIM TÜRLERİNİN α -Al₂O₃ TAKVİYELİ GÜMÜŞ MATRİSLİ NANO KOMPOZİT KAPLAMALARIN MİKROYAPISINA ETKİLERİ**
Kalkan Z., GÜRCAN E., BARUT U., KARSLIOĞLU R.
1st International Conference on Advances in Mechanical and Mechatronics Engineering ICAMMEN 2018, 8 - 09 November 2018, pp.20
- XVIII. **NiSO₄.6H₂O / CoSO₄.7H₂O ORANININ Ni-Co KAPLAMALARIN YAPISAL ÖZELLİKLERİNE ETKİLERİ**
KARSLIOĞLU R., AKBULUT H.
1st International Conference on Advances in Mechanical and Mechatronics Engineering ICAMMEN 2018, 8 - 09 November 2018, pp.486-490
- XIX. **Electrical contact performance of Nano SiC reinforced Ag produced by electrodepositions**
KARSLIOĞLU R.
13th International Conference on Surfaces, Coatings and Nanostructured Materials, Gdansk, Poland, 11 - 14 September 2018
- XX. **Effect of SiC Ratio in to Ag Matrix nanocomposite on Electrical contact performance produced by electrodepositions**
KARSLIOĞLU R., GÜRCAN E.
13th International Conference on Surfaces, Coatings and Nanostructured Materials, Gdansk, Poland, 11 - 14 September 2018, pp.21
- XXI. **EFFECT OF SIC RATIO ON SIC REINFORCED AG MATRIXNANOCOMPOSITE COATINGS BY ELECTRODEPOSITION**
KARSLIOĞLU R., GÜRCAN E.
IV. International Ege Composite Materials Symposium KOMPEGE 2018, 6 - 08 September 2018, pp.104
- XXII. **EFFECT OF CURRENT TYPE ON SIC REINFORCED AG MATRIXNANOCOMPOSITE COATINGS BY ELECTRODEPOSITION**
KARSLIOĞLU R., GÜRCAN E.
IV. International Ege Composite Materials Symposium KOMPEGE 2018, 6 - 08 September 2018, pp.20
- XXIII. **Effect of Different Current Type on Tribological properties of Ni-B-Co/SiC Nano Composite Coatings Produced by Electrodeposition**
BARUT U., GÜRCAN E., KARSLIOĞLU R., OKUYUCU H.
2nd International Conference on Tribology - TURKEYTRIB'xx18, 18 - 20 April 2018
- XXIV. **Effect of Current Type on Tribological Properties of Nickel BoronCoatings Produced by Electrodeposition**
BARUT U., GÜRCAN E., KARSLIOĞLU R., OKUYUCU H.
2nd International Conference on Tribology - TURKEYTRIB'xx18, 18 - 20 April 2018
- XXV. **Effect of Nano SiC amounts on Tribological properties of Ni-B-Co Based Nano Composite Coatings Produced by Electrodeposition**
BARUT U., GÜRCAN E., KARSLIOĞLU R., OKUYUCU H.
2nd International Conference on Tribology - TURKEYTRIB'xx18, 18 - 20 April 2018
- XXVI. **Effect of Nano SiC Amounts on Tribological properties of Ni-B-Co Based Nano Composite Produced by Electrodeposition**
Barut U., Karşlıoğlu R., Okuyucu H.
2nd International Conference on Tribology (TurkeyTrib'18), İstanbul, Turkey, 18 - 20 April 2018, pp.56
- XXVII. **Effect of Different Current Type on Tribological Properties of Ni-B-Co/SiC Nano Composite Coatings Produced by Electrodeposition**
Barut U., Gürcan E., Karşlıoğlu R., Okuyucu H.

- 2nd International Conference on Tribology (TurkeyTrib'18), İstanbul, Turkey, 18 - 20 April 2018, pp.57
- XXVIII. **Effect of Current Type on Tribological Properties of Nickel Boron Coatings Produced by Electrodeposition**
Barut U., Gürcan E., Karşoğlu R., Okuyucu H.
2nd International Conference on Tribology (TurkeyTrib'18), İstanbul, Turkey, 18 - 20 April 2018, pp.55
- XXIX. **MWCNT REINFORCEMENT SILVER BASED NANOCOMPOSITE BY ELECTRODEPOSITION**
BARUT U., KARSLIOĞLU R., ÖKTEM M. F., OKUYUCU H.
1st International Symposium on Light Alloys and Composite Materials (ISLAC 'xx18), Karabük, Turkey, 22 - 24 March 2018, pp.356
- XXX. **Characteristics of Nickel Boron Electrodeposition Coatings prepared by Different Current Type**
BARUT U., KARSLIOĞLU R., ÖKTEM M. F., OKUYUCU H.
1st International Symposium on Light Alloys and Composite Materials (ISLAC 'xx18), Karabük, Turkey, 22 - 24 March 2018, pp.192
- XXXI. **Synthesis of Nano Al₂O₃ Reinforcement Ni-Based Nanocomposite Coating by Electroless Deposition Technique**
BARUT U., KARSLIOĞLU R., ÖKTEM M. F., OKUYUCU H.
1st International Symposium on Light Alloys and Composite Materials (ISLAC 'xx18), Karabük, Turkey, 22 - 24 March 2018, pp.398
- XXXII. **Carbon Nanotube Reinforced Silver Matrix Nano Composite Coatings by Electroless Deposition**
BARUT U., KARSLIOĞLU R., ÖKTEM M. F., OKUYUCU H.
1st International Symposium on Light Alloys and Composite Materials (ISLAC 'xx18), Karabük, Turkey, 22 - 24 March 2018, pp.111
- XXXIII. **Graphene Reinforcement Silver Nano Composite by Electroless Deposition**
BARUT U., KARSLIOĞLU R., ÖKTEM M. F., OKUYUCU H.
1st International Symposium on Light Alloys and Composite Materials (ISLAC 'xx18), Karabük, Turkey, 22 - 24 March 2018, pp.213
- XXXIV. **Graphene Reinforcement Silver Nanocomposite Electrodeposition for Electrical Contact Materials**
BARUT U., KARSLIOĞLU R., ÖKTEM M. F., OKUYUCU H.
1st International Symposium on Light Alloys and Composite Materials (ISLAC 'xx18), Karabük, Turkey, 22 - 24 March 2018, pp.146
- XXXV. **Characteristics of Nickel Boron Electrodeposition Coatings prepared by Different Current Type**
Barut U., Karşoğlu R., Okuyucu H., Öktem M. F.
1st International Symposium on Light Alloys and Composite Materials (ISLAC18), Karabük, Turkey, 22 - 24 March 2018, pp.192
- XXXVI. **Synthesis of Nano Al₂O₃ Reinforcement Ni-Based Nanocomposite Coating by Electroless Deposition Technique**
Barut U., Karşoğlu 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
- XXXVII. **Graphene Reinforcement of Copper Metal Matrix Nanocomposite Coatings on Low Carbon Steel by Different Electrodeposition Methods**
GÜRCAN E., KARSLIOĞLU R., OKUYUCU H., İNAN A., YÜCE H. H., TAŞTEKİN F.
International Materials Technologies And Metallurgy Conference 2017, 26 - 27 October 2017
- XXXVIII. **Nano Size Al₂O₃ Reinforcement Ni-Co Nanocomposite By Electrodeposition**
KARSLIOĞLU R., OKUYUCU H.
International Materials Technologies And Metallurgy Conference 2017, 26 - 27 September 2017
- XXXIX. **Copper-Graphene Composite Coating with Different Amount of Graphene on Low Carbon Steel by Electrodeposition**
TAŞTEKİN F., KARSLIOĞLU R., OKUYUCU H., İNAN A., YÜCE H. H., GÜRCAN E.
International Materials Technologies And Metallurgy Conference 2017, 26 September - 27 October 2017
- XL. **Effect of Gun Power on Microstructural and Tribological Properties of Tungsten Reinforced Carbon**

Coatings Produced by Chemical and Physical Deposition

KARSLIOĞLU R., meletis E. I.

5thIC4N2016, 23 - 30 June 2016

- XLII. **Electro Co-Deposition Of Ni-Co/Cnt Nanocomposites For Tribological and Soft Magnetic Applications**
KARSLIOĞLU R., AKBULUT H.
45th International Conference on Metallurgical Coatings and Thin Films (ICMCTF-45), San Diego, CA, United States Of America, 20 - 24 April 2015
- XLIII. **Electro Co Deposition Of Ni Co Cnt Nanocomposites For Tribological and Soft Magnetic Applications**
KARSLIOĞLU R., AKBULUT H.
ICMCTF 42, Sen Diego/California, United States Of America, 20 - 24 April 2015
- XLIII. **Demir-Çelik Üretiminde Çevre Sorunları ve Çözüm Önerileri**
AKÇİL M., KARSLIOĞLU R.
Uluslararası çevre sempozyumu, 24 - 26 October 2013
- XLIV. **Metalik Madenlerin İşlenmesinde Pirometalurjik Prosesler Yerine Daha Çevreci Proseslerinin Kullanımının Yaygınlaşması ve Önemi**
KARTAL M., Altay F. M., UYSAL M., GÜL H., KARSLIOĞLU R., ALP A.
Uluslararası Çevre Sempozyumu, 24 - 26 October 2013
- XLV. **Effect of Particle Size on Wet Tribological Properties Of Al-Si/SiC MMCs**
AKÇİL M., KARSLIOĞLU R., UYSAL M., ASLAN S., ALP A., AKBULUT H.
Apmas 2013, 24 - 28 April 2013
- XLVI. **Reciprocating wear behavior of Ni-Co alloys produced by D.C. current electrodeposition**
KARSLIOĞLU R., UYSAL M., ALP A., AKBULUT H.
Apmas 2013, 24 - 28 April 2013
- XLVII. **A comparative wear study on Al-Li and Al-Li/SiC composite**
Okumus S. C., Karslioglu R., Akbulut H.
3rd International Advances in Applied Physics and Materials Science Congress, APMAS 2013, Antalya, Turkey, 24 - 28 April 2013, vol.1569, pp.360-363
- XLVIII. **Wear mechanisms of bronze matrix composites reinforced with core shell Ni coated Al₂O₃ particles produced by rapid current sintering technique**
Uysal M., Karslioglu R., Alp A., Akbulut H.
15th European Conference on Composite Materials: Composites at Venice, ECCM 2012, Venice, Italy, 24 - 28 June 2012
- XLIX. **Self lubricating effect of wet tribological behaviour of Al-Si/SiC MMCs**
Karslioglu R., Uysal M., Aslan S., Akbulut H.
15th European Conference on Composite Materials: Composites at Venice, ECCM 2012, Venice, Italy, 24 - 28 June 2012
- L. **Reciprocating Wear Behavior of MWCNTs Reinforced Ni-Co Metal Matrix Composites Produced by Electrodeposition**
KARSLIOĞLU R., UYSAL M., AKBULUT H.
6th International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT), Krakow, Poland, 17 - 20 October 2011
- LI. **SiCp Takviyeli Za-Al Matriksli Metal Matriksli Kompozit Malzemeleri Akım Sinterleme Yöntemiyle Üretilmesi**
KARSLIOĞLU R., UYSAL M., AKBULUT H.
6th INTERNATIONAL POWDER METALLURGY CONFERENCE EXHIBITION, 5 - 09 October 2011
- LII. **Akım Destekli Sinterleme Yöntemi İle Üretilen SiCp Takviyeli Bronz Matriksli MMK'in Karakterizasyonu**
UYSAL M., KARSLIOĞLU R., ALP A., AKBULUT H.
6th International Powder Metallurgy Conference, 5 - 09 October 2011
- LIII. **Production of MWCNT Reinforced Bronze Matrix Composite By Current Activated Sintering**
KARSLIOĞLU R., UYSAL M., Yazıcı Ö. F., AKBULUT H.

6th International Powder Metallurgy Conference, 5 - 09 October 2011

- LIV. **Akım Destekli Sinterleme Yöntemi ile Üretilen Al₂O₃ Takviyeli Bronz Matriksli MMK'in Karakterizasyonu**

UYSAL M., KARSLIOĞLU R., ALP A., AKBULUT H.

6th International Powder Metallurgy Conference, 5 - 09 October 2011

- LV. **AKIM DESTEKLİ SİNERLEME YÖTEMİ İLE ÜRETİLEN SiCP TAKVİYELİ BRONZ MATRİKSİ MMK'LARIN AŞINMA DAVRANIŞLARI**

KARSLIOĞLU R., SANCAR M., UYSAL M., AKBULUT H.

13th International Materials Symposium (IMSP'2010), 13 - 15 October 2010

- LVI. **THE EFFECT OF SUBSTRATE TEMPERATURE ON ELECTRICAL PROPERTIES OF NANOSTRUCTURED SnO₂ COATINGS**

KARSLIOĞLU R., UYSAL M., AKBULUT H.

5th Nanoscience and Nano Technology Conference, Turkey, 8 - 12 June 2009

- LVII. **Thin Film Nanostructured Ni Globules Deposition on SiC Particles by Basic Electroless Coating Method**

UYSAL M., KARSLIOĞLU R., ALP A., AKBULUT H.

5th Nanoscience and Nano Technology Conference, Turkey, 8 - 12 June 2009

- LVIII. **CVD nano-crystalline tin oxide coatings on glass substrate: The effect of substrate temperature**

Karslıoğlu R., Akbulut H., Alp A.

ASME 2nd Multifunctional Nanocomposites and Nanomaterials Conference, MN2008, Sharm El Sheikh, Egypt, 11 - 13 January 2008, pp.157-165

Supported Projects

Karslıoğlu R., Energy and Natural Resources Ministry, Transformator Çekirdeklerinde Kullanılacak Yeni Nesil Düşük Kayıplı Yumuşak Manyetik Alaşımların ve Kaplamaların Geliştirilmesi, 2023 - 2025

Karslıoğlu R., Çankaya G., BOREN, Ulusal Bor Araştırma Enstitüsü Projesi, Nano B₂O₃, B₄C, c-BN, h-BN, TiB₂ ve ZrB₂ İlavesinin Ag Esaslı Elektriksel Kontak Malzemelerin Kontak Performansına Etkileri, 2019 - 2021

Karslıoğlu R., Okuyucu H., Öktem M. F., TUBITAK Project, Nano Kompozit Elektrik Kontak Malzemelerinin Doğru, Pulse ve Pulse Reverse Ekterodepozisyon Yöntemi İle Üretilmesi, 2017 - 2019

KARSLIOĞLU R., Project Supported by Higher Education Institutions, Materials Processing Lab. I deneyleri için Altyapı Kurulması, 2016 - 2017

KARSLIOĞLU R., Project Supported by Higher Education Institutions, Grafen Takviyeli Bakır Matriksli Nano Kompozitlerin Pulse Reverse Elektrodepozisyon Yöntemi ile Üretilmesi,, 2016 - 2017

Karslıoğlu R., Öktem M. F., Okuyucu H., Project Supported by Higher Education Institutions, Grafen Takviyeli Bakır Matriksli Nano Kompozitlerin Pulse Reverse Elektrodepozisyon Yöntemi ile Üretilmesi, 2016 - 2017

KARSLIOĞLU R., Project Supported by Higher Education Institutions, 5th International Conference from Nanoparticles and Nanomaterials to Nanodevices and Nanosystems (IC4N), 2016 - 2016

Karslıoğlu R., TUBITAK Project, Nonokompozit Elmas Benzeri Karbon (DLC) Kaplamaların Mekanik ve Tribolojik Özelliklerinin Gelistirilmesi, 2014 - 2015

Karslıoğlu R., Aslan S., Akbulut H., Alp A., Uysal M., Project Supported by Higher Education Institutions, Co Ni Fe ESASLI MANYETİK KAPLAMALARIN ELEKTROLİTİK YÖNTEMLE ÜRETİLMESİ VE KAREKTERİZASYONU, 2013 - 2015

Karslıoğlu R., Alp A., Uysal M., Project Supported by Higher Education Institutions, Lityum iyon piller için anot malzemesi olarak Kalay7Karbon nano tüp kompozit malzemelerin geliştirilmesi, 2010 - 2012

Karslıoğlu R., Aslan S., Akbulut H., Alp A., Project Supported by Higher Education Institutions, Nano Kompozit Bakır İntermetaliklerin Üretilmesi ve Karakterizasyonu, 2010 - 2012

Akbulut H., Alp A., TUBITAK Project, Nano Kristalin Kalay (Sn) ve Kalay Oksit (SnO₂) İletken Kaplamalar Proje-No:105T260, 2005 - 2008

Tasks In Event Organizations

Karshođlu R., INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS SCIENCE & ENGINEERING AND HIGH TECH DEVICE APPLICATIONS, Scientific Congress, Ankara, Turkey, Ekim 2020

Karshođlu R., International Conference on Advances in Mechanical and Mechatronics Engineering, Scientific Congress, Turkey, Kasım 2018

Metrics

Publication: 83

Citation (Scopus): 275

H-Index (Scopus): 7

Invited Talks

5th International Conference from Nanoparticles and Nanomaterials to Nanodevices and Nanosystems (IC4N) , Conference, Diđer Kurumlar, Greece, June 2016

Scholarships

2219 Doktora sonrası araştırma, TUBITAK, 2014 - 2015

Awards

Karshođlu R., Best of Poster, Nano Ostrava 2011, April 2011