

## Assoc. Prof. RAMAZAN KARSLIOĞLU

### Personal Information

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### Education Information

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

Doctorate, Sakarya Üniversitesi, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (Dr), Turkey 2007 - 2014

Postgraduate, Sakarya Üniversitesi, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (YI) (Tezli), Turkey 2005 - 2007

Undergraduate, Sakarya Üniversitesi, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 2002 - 2005

Associate Degree, Selçuk Üniversitesi, Teknik Bilimler Meslek Yüksekokulu, Makine Ve Metal Teknolojileri Bölümü, Turkey 1997 - 2002

### 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 SnO<sub>2</sub> kaplamaların üretilmesi, Sakarya Üniversitesi, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (YI) (Tezli), 2007

### Research Areas

Metallurgical and Materials Engineering

### 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 Üniversitesi, Fen Bilimleri Enstitüsü, 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 Yildirim Beyazıt University, Güzel Sanatlar Fakültesi, Endüstri Ürünleri Tasarımı,  
2020 - Continues  
Manager of Research and Application Center, Ankara Yildirim Beyazıt University, 2020 - Continues

## Courses

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

## Advising Theses

Karşlıoğlu R., NICKEL-BORON/HEXAGONAL BORON NITRIDE NANOCOMPOSITE COATINGS PRODUCED BY ELECTRODEPOSITION, Doctorate, U.BARUT(Student), Continues  
Karşlıoğlu R., Ni-B-Co coating on medium-carbon steels by electrodeposition, Postgraduate, U.BARUT(Student), 2018  
Karşlıoğlu R., Graphene reinforced silver nanocomposite by electrodeposition for electrical contact materials, Postgraduate, L.A.ALRAHMAN(Student), 2018

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

- I. **Electrical contact performance of various electro-deposited graphene reinforced silver-based nanocomposites**  
Karşlıoğlu R., Al-Falahi L.  
Materialprüfung/Materials Testing, vol.62, no.4, pp.401-407, 2020 (Journal Indexed in SCI Expanded)
- II. **Influence of current type on tribological and corrosion properties of nickel boron coatings produced by electrodeposition**  
Barut U., Karşlıoğlu R.  
Kovove Materialy, vol.57, no.3, pp.167-175, 2019 (Journal Indexed in SCI Expanded)
- III. **Comparison microstructure and sliding wear properties of nickel-cobalt/CNT composite coatings by DC, PC and PRC current electrodeposition**  
Karşlıoğlu R., Akbulut H.  
Applied Surface Science, vol.353, pp.615-627, 2015 (Journal Indexed in SCI Expanded)
- IV. **Electrochemical performance of pulse electrodeposited Sn-Ni/MWCNT composite anode for lithium-ion batteries**  
Uysal M., Görmü H., Karşlıoğlu R., Alp A., Akbulut H.

Acta Physica Polonica A, vol.125, no.2, pp.353-356, 2014 (Journal Indexed in SCI Expanded)

- V. **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 (Journal Indexed in SCI Expanded)
- VI. **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 (Journal Indexed in SCI Expanded)
- VII. **The preparation of core-shell Al<sub>2</sub>O<sub>3</sub>/Ni composite powders by electroless plating**  
Uysal M., Karslioglu R., Alp A., Akbulut H.  
Ceramics International, vol.39, no.5, pp.5485-5493, 2013 (Journal Indexed in SCI Expanded)
- VIII. **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 (Journal Indexed in SCI Expanded)
- IX. **The preparation of core-shell Al<sub>2</sub>O<sub>3</sub>/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 (Journal Indexed in SCI Expanded)
- X. **Characteristics bronze/Al<sub>2</sub>O<sub>3</sub>(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 (Journal Indexed in SCI Expanded)
- XI. **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 (Journal Indexed in SCI Expanded)
- XII. **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 (Journal Indexed in SCI Expanded)
- XIII. **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 (Journal Indexed in SCI Expanded)
- XIV. **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 (Journal Indexed in SCI Expanded)
- XV. **Wear behavior of bronze hybrid MMCs coatings produced by current sintering on steel substrates**  
Karslioglu R., Uysal M., Alp A., Akbulut H.  
Tribology Transactions, vol.53, no.5, pp.779-785, 2010 (Journal Indexed in SCI Expanded)
- XVI. **Rod- and wire-like morphologies of tin oxide developed with plasma oxidation after electrodeposition**  
Uysal M., Karslioglu R., Guler M., Alp A., Akbulut H.  
Materials Letters, vol.63, pp.422-424, 2009 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- I. **MWCNT Oranının MWCNT ile güçlendirilmiş Al<sub>2</sub>O<sub>3</sub> Matrisli Nanokompozitlerin Mikroyapı ve Mekanik Özelliklerine Etkisi**  
KARSLIOĞLU R.

- Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.7, no.3, pp.1922-1930, 2019 (Other Refereed National Journals)
- II. **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 (Other Refereed National Journals)
- III. **Nano Al<sub>2</sub>O<sub>3</sub> 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 (Other Refereed National Journals)
- IV. **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 (Refereed Journals of Other Institutions)
- V. **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 (Refereed Journals of Other Institutions)

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

- I. **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
- II. **Titanium Diboride (TiB<sub>2</sub>) 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
- III. **Microstructural, Surface and Electrochemical Properties of Electrodeposited Ni-B/B<sub>4</sub>C 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. **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
- V. **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
- VI. **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
- VII. **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

- VIII. **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
- IX. **MWCNT Reinforcement Silver Based Nanocomposite by Electrodeposition**  
BARUT U., KARSLIOĞLU R.  
5th International Conferences on Engineering Sciences, 19 September 2019, pp.94
- X. **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
- XI. **NiSO<sub>4</sub>.6H<sub>2</sub>O / CoSO<sub>4</sub>.7H<sub>2</sub>O 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
- XII. **FARKLI AKIM TÜRLERİNİN  $\alpha$ -Al<sub>2</sub>O<sub>3</sub> 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
- XIII. **Farklı Akım Türlerinin  $\alpha$ -Al<sub>2</sub>O<sub>3</sub> 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
- XIV. **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
- XV. **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
- XVI. **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
- XVII. **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
- XVIII. **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
- XIX. **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

- XX. **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
- XXI. **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
- XXII. **Effect of Current Type on Tribological Properties of Nickel Boron 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.55
- XXIII. **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
- XXIV. **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
- XXV. **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
- XXVI. **Synthesis of Nano Al<sub>2</sub>O<sub>3</sub> 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
- XXVII. **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
- XXVIII. **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
- XXIX. **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
- XXX. **Synthesis of Nano Al<sub>2</sub>O<sub>3</sub> Reinforcement Ni-Based Nanocomposite Coating by Electroless Deposition Technique**  
Barut U., Karşlıoğlu 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
- XXXI. **Characteristics of Nickel Boron Electrodeposition Coatings prepared by Different Current Type**  
Barut U., Karşlıoğlu R., Okuyucu H., Öktem M. F.  
1st International Symposium on Light Alloys and Composite Materials (ISLAC18), Karabük, Turkey, 22 - 24 March 2018, pp.192
- XXXII. **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

**XXXIII. Nano Size AL2O3 Reinforcement Ni-Co Nanocomposite By Electrodeposition**

KARSLIOĞLU R., OKUYUCU H.

International Materials Technologies And Metallurgy Conference 2017, 26 - 27 September 2017

**XXXIV. 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

**XXXV. 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

**XXXVI. 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

**XXXVII. 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

**XXXVIII. Demir-Çelik Üretiminde Çevre Sorunları ve Çözüm Önerileri**

AKÇİL M., KARSLIOĞLU R.

Uluslararası çevre sempozyumu, 24 - 26 October 2013

**XXXIX. 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

**XL. 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

**XLI. 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

**XLII. 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

**XLIII. 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

**XLIV. 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

**XLV. 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

- XLVI. **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
- XLVII. **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
- XLVIII. **Akım Destekli Sinterleme Yöntemi ile Üretilen Al<sub>2</sub>O<sub>3</sub> Takviyeli Bronz Matriksli MMK'in Karakterizasyonu**  
UYSAL M., KARSLIOĞLU R., ALP A., AKBULUT H.  
6th International Powder Metallurgy Conference, 5 - 09 October 2011
- XLIX. **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
- L. **AKIM DESTEKLİ SİNERLEME YÖTEMİ İLE ÜRETİLEN SiCP TAKVİYELİ BRONZ MATRİKSİLİ MMK'LARIN AŞINMA DAVRANIŞLARI**  
KARSLIOĞLU R., SANCAR M., UYSAL M., AKBULUT H.  
13th International Materials Symposium (IMSP'2010), 13 - 15 October 2010
- LI. **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
- LII. **THE EFFECT OF SUBSTRATE TEMPERATURE ON ELECTRICAL PROPERTIES OF NANOSTRUCTURED SnO<sub>2</sub> COATINGS**  
KARSLIOĞLU R., UYSAL M., AKBULUT H.  
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- LIII. **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., ÇANKAYA G., BOREN, Ulusal Bor Araştırma Enstitüsü Projesi, Nano B<sub>2</sub>O<sub>3</sub>, B<sub>4</sub>C, c-BN, h-BN, TiB<sub>2</sub> ve ZrB<sub>2</sub> 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

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

Karşlıođlu 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 (SnO<sub>2</sub>) İletken Kaplamalar Proje-No:105T260, 2005 - 2008

### **Tasks In Event Organizations**

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

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

### **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**

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