

Res. Asst. EMRE AKIN

Personal Information

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Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Metalurji Ve Malzeme Mühendisliği (Dr) (İngilizce), Turkey 2017 - Continues

Post Graduate, Marmara University, Faculty of Engineering, Metallurgical and Material Engineering, Turkey 2013 - 2017

Under Graduate, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, Turkey 2005 - 2010

Biography

1986 Yalova doğumluyum. 2010 yılında Yıldız Teknik Üniversitesi Metalürji ve Malzeme Mühendisliğinden mezun oldum. Özel sektör ve devlet kurumlarında çalıştıktan sonra 2015 yılında Marmara Üniversitesi Metalürji ve Malzeme Mühendisliğinde Araştırma görevlisi oldum. Polimer malzeme sentezi ve ileri kompozit malzeme imalatı alanlarında çalışmalar yapmaktayım. Doktora ve akademik çalışmalarına devam etmekteyim.

Dissertations

Post Graduate, Synthesis and characterization of novel polyimide for hydrophobic coating, Marmara Üniversitesi, Faculty of Engineering, Metalurji Ve Malzeme Mühendisliği Bölümü, 2017

Research Areas

Material science and engineering

Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Technology, Metallurgical and Materials Engineering, 2015 - Continues

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

- I. **Coating properties of 1H,1H-perfluorooctylamine-terminated polyimides based on hexafluoroisopropylidene diphthalic anhydride and 1,4,5,8 naphthalenetetracarboxylic dianhydride**
ÇAKIR M., AKIN E., ARTIR R.
JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH, vol.16, no.3, pp.699-710, 2019 (Journal Indexed in SCI)
- II. **Wear, thermal, and physical properties of fluorine-containing polyimide/silica hybrid**

nanocomposite coatings

ÇAKIR M., AKIN E.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.16, 2019 (Journal Indexed in SCI)

III. Magnetic and microwave absorption properties of PVB/Fe₃O₄ and PVB/NiFe₂O₄ composites

AKINAY Y., HAYAT F., ÇAKIR M., AKIN E.

POLYMER COMPOSITES, vol.39, no.10, pp.3418-3423, 2018 (Journal Indexed in SCI)

Articles Published in Other Journals

I. Characterization of Coating Properties of UV-curable Fluorine-Containing Coatings

ÇAKIR M., AKIN E., ulak p.

El-Cezeri Fen ve Mühendislik Dergisi, vol.5, pp.836-844, 2018 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

I. MECHANICAL PROPERTIES OF EPOXY/PVB BLENDS BY SOLUTION CASTING

ÇAKIR M., AKIN E., RENDA G.

The International Conference on Material Science and Technology (IMSTEC 2019), 18 - 20 October 2019

II. Investigation Of Thermal And Surface Properties Of Transparent Polyurethane Coatings Containing Fluorine Chains

ÇAKIR M., AKIN E., KURT M. B.

The International Aluminium-Themed Engineering And Natural Sciences Conference, 2 - 04 October 2019

III. Coating Of Silicon Acrylate Nanocomposite Containing Fluorine Chains And Silica On Low Carbon Steel By Uv Curing Method

ÇAKIR M., AKIN E., AKINAY Y.

The International Aluminium-Themed Engineering And Natural Sciences Conference, 2 - 04 October 2019

IV. INVESTIGATION OF THE EFFECT OF GRAPHENE OXIDE CONCENTRATION ON ISOCYANATE-BASED POLYIMIDE FOAMS

kılıç v., AKIN E., ÇAKIR M., topcu H. M.

IV INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS) 02-06 MAY 2018, UKRAINE, 2 - 06 May 2018

V. INVESTIGATION OF THE EFFECT OF BLOWING AGENT AND SURFACTANT CONCENTRATION ON ISOCYANATE-BASED POLYIMIDE FOAMS

kılıç v., AKIN E., ÇAKIR M., topcu H. M.

IV INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS) 02-06 MAY 2018, UKRAINE, 2 - 06 May 2018

VI. Preparation and study on radar absorbing materials of epoxy-Fe₃O₄ composites and the influence of PANI on microwave absorbing properties of NiFe₂O₄/PVB composites

AKINAY Y., HAYAT F., AKIN E., ÇAKIR M.

20th International Conference on Advanced Nanotechnology, Netherlands, 11 September - 12 December 2017, vol.3, pp.3043-3050

VII. Investigation on Coating Properties of Epoxyacrylate Containing Long Fluorine Chains Cured by UV method

AKIN E., ÇAKIR M., Ulak P., Topcu H. M. , Kılıç V.

Joint Science Congress of Materials and Polymers, 23 - 28 August 2017

VIII. Determining the Coating Performance of UV Curable Hydrophobic Coating onto PMMA

ÇAKIR M., AKIN E., TOPCU H. M. , KILIÇ V.

Joint Science Congress of Materials and Polymers, 23 - 28 August 2017

IX. Preparation of Graphene Oxide Containing Isocyanate-based Polyimide Foam

KILIÇ V., AKIN E., ÇAKIR M., TOPCU H. M.

Joint Science Congress of Materials and Polymers, 23 - 28 August 2017

- X. **TWO STEP METHOD FOR PRODUCING SILICA AEROGEL**
Topcu H. M. , ÇAKIR M., AKIN E., Kılıç V.
Joint Science Congress of Materials and Polymers, 23 - 28 August 2017
- XI. **Synthesis and characterization of novel polyimide for hydrofobic coating**
AKIN E., ÇAKIR M., ARTIR R.
16 th International Materials Symposium (IMSP'2016), Denizli, Turkey, 12 - 14 October 2016, pp.1529-1536
- XII. **Synthesis and Characterization of Novel Polyimide for Hydrofobic Coatings**
AKIN E., ÇAKIR M., ARTIR R.
16 th International Materials symposium IMPS 2016, 12 - 14 October 2016
- XIII. **Mechanical Thermal and Surface Properties of a Novel Hybrid Polyimide Containing Fluorine Chains**
AKIN E., ÇAKIR M., AKINAY Y.
European Advanced Materials Congress, 23 - 25 August 2016
- XIV. **MECHANICAL PROPERTIES OF SILANE TERMINATED URETHANE EPOXY INTERPENETRATING NETWORK**
ÇAKIR M., AKIN E.
International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), April 6-8, 2016, Nevsehir, Turkey, 6 - 08 April 2016
- XV. **MECHANICAL PROPERTIES OF PRE TREATED FUMED SILICA REINFORCED EPOXY NANOCOMPOSITE**
ÇAKIR M., AKIN E., AKINAY Y.
International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), April 6-8, 2016, Nevsehir, Turkey, 6 - 08 April 2016

Scientific Refereeing

JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, November 2020
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, September 2020
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, June 2020
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, May 2020
IRANIAN POLYMER JOURNAL, SCI Journal, May 2020
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, April 2020
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, March 2020
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, March 2020
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, February 2020
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, October 2018
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, June 2018
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, May 2018
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, May 2018
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, February 2018
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, October 2017
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, September 2017

Citations

Total Citations (WOS):14

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