

Lect. PhD DAVUT AKSÜT

Personal Information

Email: davutaksut@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/davutaksut>

Education Information

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Polimer Bilim Ve Teknolojileri, Turkey 2015 - Continues

Postgraduate, İnönü Üniversitesi, Farmasotik Botanik A.B.D., Kimya, Turkey 2010 - 2012

Undergraduate, İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2000 - 2006

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Chemistry, Physical Chemistry, Rubber Industry, Composites, Characterization of Polymers, Polymeric Materials, Recycling of Polymers, Thermoset Polymers, Natural Sciences

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

- I. **Modification of cyclodextrin and use in environmental applications**
KÖSE K., Tuysuz M., AKSÜT D., UZUN L.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 2021 (Journal Indexed in SCI)
- II. **The effect of ionizing radiation on the mechanical properties of NBR elastomers reinforced by lignin**
Şen M., Aksüt D., Karaağaç B.
RADIATION PHYSICS AND CHEMISTRY, vol.168, 2020 (Journal Indexed in SCI)
- III. **The effect of ionizing radiation on the temperature scanning stress relaxation properties of nitrile-butadiene rubber elastomers reinforced by lignin**
Şen M., Aksüt D., Karaağaç B.
RADIATION PHYSICS AND CHEMISTRY, vol.168, 2020 (Journal Indexed in SCI)
- IV. **Reducing the hydrocarbon gas diffusion and increasing the pressure-impact strength of fuel transfer pipelines for use in the automotive industry using radiation crosslinked polyamide 12**
Hidroglu M., Aksüt D., Serce O., Karabulut H., Şen M.
RADIATION PHYSICS AND CHEMISTRY, vol.159, pp.118-123, 2019 (Journal Indexed in SCI)
- V. **Effect of radiation on vinyl-methyl-polysiloxane and phenyl-vinyl-methyl-polysiloxane elastomers cured with different co-agents: Comparative study of mechanical and relaxation properties**
Aksüt D., Demeter M., Vancea C., Şen M.
RADIATION PHYSICS AND CHEMISTRY, vol.158, pp.87-93, 2019 (Journal Indexed in SCI)
- VI. **Effect of radiation on mechanical properties of phenyl-vinyl-methyl-polysiloxane (PVMQ) elastomers cured with peroxide and Type I and Type II coagents**
Aksüt D., Demeter M., Calna I., Şen M.
RADIATION PHYSICS AND CHEMISTRY, vol.158, pp.148-152, 2019 (Journal Indexed in SCI)

Supported Projects

ŞEN M., ÇINAR Z., AKSÜT D., Project Supported by Higher Education Institutions, İyonlaştırıcı Radyasyonun Platinle Kürleştirilmiş Silikon Elastomerlerin Kimyasal ve Fiziksel Özelliklerine Etkisi, 2020 - Continues

ŞEN M., AKSÜT D., Arslan E. A. , Project Supported by Higher Education Institutions, Izod Darbe Testi Cihazının Tasarımı ve Plastik Testlerinde Kullanılması, 2020 - Continues

ŞEN M., Ahi S., AKSÜT D., Project Supported by Higher Education Institutions, Doğal Kauçuk Esaslı Atık Lateks Eldiven ve Etilen Vinil Asetat Kullanılarak Yeni Termoplastik Elastomer Kompozitlerin Hazırlanması ve Karakterizasyonu, 2019 - Continues

Edit Congress and Symposium Activities

Uluslararası Katılımlı VII. Polimer Bilim ve Teknoloji Kongresi, Attendee, Eskişehir, Turkey, 2018

The Ionizing Radiation and Polymerization Symposium (IRaP), Attendee, Moscow, Russia, 2018

RubberCon, Attendee, İstanbul, Turkey, 2018

5th Intenational Polymeric Composites Symposium, Attendee, İzmir, Turkey, 2017

29. Ulusal Kimya Kongresi, Attendee, Ankara, Turkey, 2017

VI. Ulusal Polimer Bilim ve Teknolojisi Kongresi, Attendee, Eskişehir, Turkey, 2016

25. Ulusal Kimya Kongresi, Attendee, Erzurum, Turkey, 2011

21. Ulusal Kimya Kongresi, Attendee, Malatya, Turkey, 2007

19. Ulusal Kimya Kongresi, Attendee, İzmir, Turkey, 2005

Citations

Total Citations (WOS):4

h-index (WOS):1