

1. 2020-2021 Yılı Bilimsel Faliyetler

1.1. Yayınlar

1.1.1. Makaleler

1.1.1.1. SCI/SCIE indeksinde taranan dergilerde

- Akcay N, Baskose UC, Ozcelik S, Gremenok VF, Zaretskaya EP. Na incorporation into Cu₂ZnSnS₄ thin film absorbers from RF-sputtered NaF precursors. *Solar Energy*, 2021; 217:280-291.
- N. Akcay, S. Ozcelik and M. Tivanov, MoS₂ thin films grown by sulfurization of DC sputtered Mo thin films on Si/SiO₂ and c-plane sapphire substrates. *Journal of Electronic Materials*, 50 (3), 1452-1466, 2021.

1.1.1.2. Diğer indekslerde taranan dergilerde

- V.F. Gremenok, E.P. Zaretskaya, A.N. Pyatlitski, N. Akcay, T.V. Piatlitskaya, N. N. Musayeva, Growth and characterization of ZnO:Eu thin films for solar cell application, *Azerbaijan Journal of Physics, Fizika XXVII (2)*, 47-50, 2021.

1.1.2. Kitaplar

- Saraloğlu Güler E. Corrosion Protection Using Organic and Natural Polymeric Inhibitors. In: Hatem M.A. Amin, Ahmed Galal editors. *Corrosion Protection of Metals*. : CRC Press; 2021. p.64-78.

1.1.3. Konferans Kitabında Yayınlanmış Bildiriler

1.1.3.1. Uluslararası

- Gültekin Y, Koç E, Yavuz T. Design of the Deformable Wind Turbine Blade to Keep Efficiency High. 5th International Anatolian Symposium, 24-26 March 2021, Trabzon/Turkey.
- Semerci D. S. ,Yavuz T. A New Vortex Preventing Element Design for Francis Turbines and Comparison of Different geometric Shapes, 5 th International Anatolian Symposium, 24-26 March 2021, Trabzon/Turkey.
- Yavuz T, Şaşmaz T, Absorbsiyonlu soğutma sistemlerinde lityum bromür-su ve amonyak-su çalışma çiftlerinin termodinamik ve ekserji analizleri ile karşılaştırılması, IV. International Ankara Conference on Scientific Research, April 10 -11, 2021 Ankara/Turkey
- N.I. Staskov, V.F. Gremenok, A.N. Pyatlitski, *N. Akcay and S. Ozcelik, “Incoherent spectrophotometry of soda - lime glass (SLG) substrates”, 2nd International Conference on Light and Light-Based Technologies, ICLLT-2021, which took place online, May 26th-28th, 2021, Ankara, Turkey.
- V.F. Gremenok, V.V. Khoroshko, A.N. Pyatlitski, *N. Akcay and S. Ozcelik, “Structural and optical characterization of Cu₂SnS₃ thin films prepared by sulfurization of sputtered Cu/Sn/Cu stack layers”, 2nd International Conference on Light and Light-Based Technologies, ICLLT-2021, which took place online, May 26th-28th, 2021, Ankara, Turkey.
- *B. Erenler, N. Akcay, Y. Ozen and S. Ozcelik, “Structural and Optical Properties of RF Magnetron Sputtered In₂S₃ Thin Films” International Conference on Advanced Materials Science&Engineering and High Tech Devices Applications; Exhibition (ICMATSE), October 2nd-4th, 2020, Ankara, Turkey.

1.1.3.2. Ulusal

Herhangi bir bildiri bulunmamaktadır.

1.1.4. Panelist/Davetli konuşmacı olarak katıldığı toplantı sayısı

- Neslihan AKÇAY, “Cu₂ZnSnS₄, Cu₂ZnSnSe₄ and Cu₂SnS₃ Thin-Film Photovoltaic Absorbers Based on Earth-Abundant and Environmentally Benign Materials: Growth and Characterization” April 19th-21st, 2021 International eWorkshop on Science and Technology of Emerging Materials (eSTEM-21) – Virtual Mode, Chettinad College of Engineering and Technology, Karur, Tamil Nadu, INDIA

1.1.5. Teknik Raporlar

- Final report: “Investigation of Cu₂SnS₃ absorber films for developing thin film solar cells with In₂S₃ buffer layer” 2557 TUBITAK Joint Research Project with the Belarus Republican Foundation for Fundamental Research (BRFFR), Project Code: 118F009.

1.1.6. Diğer Yayınlar

Tablo 1. Bölüm tarafından düzenlenen bilimsel seminerler

Konuşmacı	Konuşma Başlığı	Yer	Tarih
Kemal Mersin	TUSAŞ LIFT UP Sanayi Odaklı Lisans Bitirme Projeleri Bilgilendirme Semineri	Zoom/Online	17/10/2020
Ebru Saraloğlu Güler	Bitirme Projelerinde Yol Haritamız	Zoom/Online	14/11/2020
Yiğit Koray Genç	Roket ve Füze Teknolojileri	Zoom/Online	27/01/2021
Özgün Çöllüoğlu Gülen	Veri Biliminin Roket ve Havacılık Sektöründe Kullanım Alanları	Zoom/Online	28/01/2021
Selim Arun	İş Güvenliği ve İşçi Sağlığı	Zoom/Online	27/03/2021
Esra Ayken	Hedef Belirleme ve Kişisel Farkındalık	Zoom/Online	25/04/2021