

Prof. YASER AÇIKBAŞ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: GDN-2231-2022

Yoksis Researcher ID: 20337

Education Information

Doctorate, Balikesir University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 2006 - 2012

Postgraduate, Balikesir University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), Turkey 2003 - 2006

Undergraduate, Balikesir University, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 1999 - 2003

Dissertations

Doctorate, Perilendiimid türevlerinin organik buharlara karşı duyarlılıklarının incelenmesi, Balikesir University, Fen Bilimleri Enstitüsü, Fizik (Dr), 2011

Postgraduate, 1,3-bis-(4-imino-3-hidroksi-benzoikasit) indan maddesinin Langmuir-Blodgett ince film özelliklerinin incelenmesi, Balikesir University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), 2006

Research Areas

Electromagnetic, Metallurgical and Materials Engineering, Physics, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Usak University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, MALZEME BİLİMİ VE NANO TEKNOLOJİ BÖLÜMÜ, 2013 - 2017

Academic and Administrative Experience

Usak University, 2022 - Continues

Usak University, 2020 - Continues

Usak University, 2020 - Continues

Usak University, 2020 - Continues

Usak University, 2019 - Continues

Usak University, 2015 - Continues

Usak University, 2015 - Continues

Usak University, 2018 - 2022

Usak University, 2015 - 2019

Usak University, 2013 - 2019

Usak University, 2017 - 2018

Courses

BİYOPOLİMER FİLM VE KAPLAMALAR, Postgraduate, 2017 - 2018

FİZİK I, Associate Degree, 2017 - 2018

TEMEL FİZİK, Associate Degree, 2017 - 2018

NANOBİLİM VE MÜHENDİSLİKTE FİZİKSEL KURAMLAR, Undergraduate, 2017 - 2018, 2016 - 2017

NANOTEKNOLOJİ, Postgraduate, 2017 - 2018

DOĞRU AKIM DEVRE ANALİZİ, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016

İLERİ ATOM FİZİĞİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

POLİMER KARAKTERİZASYONU, Postgraduate, 2017 - 2018

FİZİK I, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015

Alternatif Akım Devre Analizi, Associate Degree, 2016 - 2017

FİZİK II, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

NANOMALZEMELER VE ÖZELLİKLERİ, Postgraduate, 2016 - 2017, 2014 - 2015

NANO İNCE FİLM ÜRETİM TEKNOLOJİSİ, Postgraduate, 2016 - 2017, 2015 - 2016

Endüstriyel Malzemeler ve Üretim Süreçleri Lab., Undergraduate, 2015 - 2016

Kuantum Fiziğine Giriş, Undergraduate, 2015 - 2016

MÜHENDİSLİK MALZEMELERİ, Undergraduate, 2014 - 2015, 2013 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **MOF-derived magnetic nanocomposites as potential formulations for the efficient removal of organic pollutants from water via adsorption and advanced oxidation processes: A review**
Miyah Y., El Messaoudi N., Benjelloun M., Georgin J., Franco D. S. P., AÇIKBAŞ Y., Kusuma H. S., Sillanpää M.
MATERIALS TODAY SUSTAINABILITY, vol.28, 2024 (SCI-Expanded)
- II. **Heterocyclic-based Schiff base material designed as optochemical sensor for the sensitive detection of chlorinated solvent vapours**
HALAY E., Capan I., Capan R., Ay E., AÇIKBAŞ Y.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.50, no.9, pp.4579-4593, 2024 (SCI-Expanded)
- III. **Sensing Volatile Pollutants with Spin-Coated Films Made of Pillar[5]arene Derivatives and Data Validation via Artificial Neural Networks**
Kursunlu A. N., AÇIKBAŞ Y., Yilmaz C., Ozmen M., Capan I., Capan R., BÜYÜKKABASAKAL K., Senocak A.
ACS APPLIED MATERIALS & INTERFACES, vol.16, no.24, pp.31851-31863, 2024 (SCI-Expanded)
- IV. **Sensing volatile organic compounds with CVD graphene: insights from quartz crystal microbalance and surface plasmon resonance studies**
SELVİ H., Capan I., Capan R., AÇIKBAŞ Y.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.35, no.18, 2024 (SCI-Expanded)
- V. **The Investigation of Morphological and Mechanical Properties of Polymer-Based Electrospun Nanofiber Coated Polystyrene and Recycled Polyethylene Terephthalate Composite Materials**
GÜNDOĞAN K., Yardimci A., AÇIKBAŞ Y.
Journal of Nano Research, vol.84, pp.13-24, 2024 (SCI-Expanded)
- VI. **Electrospun polyacrylonitrile (PAN)/polypyrrole (PPy) nanofiber-coated quartz crystal microbalance for sensing volatile organic compounds**
Yagmurcukardes N., İNCE YARDIMCI A., Yagmurcukardes M., Capan I., Erdogan M., Capan R., AÇIKBAŞ Y.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.34, no.27, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **Surface plasmon resonance chemical sensor modified with α -naphthylmethacrylate nano thin film for chloroform detection**
AÇIKBAŞ Y.
Research on Engineering Structures and Materials, vol.10, no.3, pp.885-895, 2024 (Scopus)
- II. **Characterization and gas sensing properties of langmuir-blodgett thin films of poly(CINOEMA-co-DEAEMA)**
AÇIKBAŞ Y., Erdogan M., Capan R., SOYKAN C.
Sensor Letters, vol.14, no.5, pp.474-483, 2016 (Scopus)

Books & Book Chapters

- I. **XRD and XRF Characterizations of Electrospun Nanofibers**
İNCE YARDIMCI A., AÇIKBAŞ Y.
in: Advances in Engineering Sciences, KILIÇ BİRÖL, Editor, Platanus, Ankara, pp.395-404, 2024

Expert Reports

- I. **Al Sn doped ZnO thin film nanosensor for monitoring NO₂ Concentration**
AÇIKBAŞ Y.
2015

Metrics

Publication: 111
Citation (WoS): 708
Citation (Scopus): 766
H-Index (WoS): 16
H-Index (Scopus): 17

Artistic Activity

AÇIKBAŞ Y., Anı para, December 2019

Non Academic Experience

Sınav Dershaneleri BURSA
Zafer Dershaneleri BURSA