

Prof. ALİ ŞAHİN

Personal Information

Email: ali.sahin@inonu.edu.tr

Web: <https://avesis.inonu.edu.tr/ali.sahin>

International Researcher IDs

ORCID: 0000-0002-1351-2385

Yoksis Researcher ID: 8062

Education Information

Doctorate, University of Bath, Physics Acoustics, United Kingdom 1989 - 1992

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Turkey 1982 - 1986

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, Foundations of Medical Physics, Hammersmith Hospital London, 1990

Dissertations

Doctorate, Nonlinear Acoustics due to focused rectangular apertures in water, University of Bath, Physics, Acoustics (Medical And Underwater Acoustics), 1992

Research Areas

Physics, Electromagnetism, Acoustics, Heat Transfer, Classical Mechanics and Fluid Dynamics, Acoustics, General Physics, Natural Sciences

Academic Titles / Tasks

Professor, Inonu University, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2002 - Continues

Associate Professor, Inonu University, Fen-Edebiyat Fakültesi, Fizik Bölümü, 1997 - 2002

Assistant Professor, Inonu University, Fen-Edebiyat Fakültesi, Fizik Bölümü, 1993 - 1997

Academic and Administrative Experience

Inonu University, Fen-Edebiyat Fakültesi, Fizik Bölümü, 1999 - Continues

Inonu University, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2008 - 2011
Inonu University, Fen Bilimleri Enstitüsü, 2003 - 2009
Inonu University, Fen-Edebiyat Fakültesi, 2000 - 2000
Inonu University, Fen-Edebiyat Fakültesi, Fizik Bölümü, 1998 - 2000

Courses

ELEKTRİK VE MANYETİZMA, Undergraduate, 2015-2016

Advising Theses

ŞAHİN A., xx süreyya yez eklenecek, Doctorate, S.Nur(Student), 2017
ŞAHİN A., devkan tez ekle, Doctorate, d.kaleci(Student), 2015
ŞAHİN A., olgun tez ekle, Doctorate, o.adem(Student), 2012

Jury Memberships

Associate Professor Exam, eser degerlendirme ve sözlü, ÜAK, November, 2010
Doctorate, Dokoratez savunma sınavı, Yeditepe Üniversitesi, November, 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Surface acoustic wave quasi-Bessel beams generated by symmetrically tilted interdigital transducers**
ULUĞ B., Kuruoglu F., Yalcin Y., Erol A., Sarcan F., ŞAHİN A., ÇİÇEK A.
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.55, no.22, 2022 (SCI-Expanded)
- II. **Negative refractions by triangular lattice sonic crystals in partial band gaps**
ALAGÖZ S., ALAGÖZ B. B., ŞAHİN A., NUR S.
CHINESE PHYSICS B, vol.24, no.4, 2015 (SCI-Expanded)
- III. **Finite amplitude pressure field of elliptical and rhomboid transducers in three dimensions**
KAYA O. A., KALECİ D., ŞAHİN A.
ACOUSTICAL PHYSICS, vol.57, no.2, pp.127-135, 2011 (SCI-Expanded)
- IV. **The evaluations of the influence of surface conductivity to the energy of particles in discharge channel and interaction force in contact charging process**
ALISOY H. Z., ALISOY G. T., SAHIN A., Yeroglu C.
PHYSICS LETTERS A, vol.360, no.1, pp.14-21, 2006 (SCI-Expanded)
- V. **Pressure field of rectangular transducers at finite amplitude in three dimensions**
Kaya O. A., SAHIN A., KALECI D.
ULTRASOUND IN MEDICINE AND BIOLOGY, vol.32, no.2, pp.271-280, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Acoustic Field Calculation on Linux Cluster**
KALECİ D., KAYA O. A., ŞAHİN A.
Balkan Physics Letters, pp.215-219, 2008 (Peer-Reviewed Journal)
- II. **A heat balance integral solution to Burger's equation in one space dimension**
ÖZDEŞ A., KUTLUAY S., BAHADIR A. R., ŞAHİN A.
Balkan Physics Letters, vol.4, no.4, pp.251-256, 1986 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Experiential Investigation of Nonlinear Acoustic Field Structure in Two and Three Dimensions

KALECİ D., ŞAHİN A., Karabocu B.

IEEE International Symposium on Medical Measurements and Applications (MeMeA), Benevento, Italy, 15 - 18 May 2016, pp.165-170

Metrics

Publication: 8

Citation (WoS): 14

Citation (Scopus): 14

H-Index (WoS): 3

H-Index (Scopus): 3

Non Academic Experience

TÜBİTAK

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Bergen University, Bergen, Norway

Bath University, Bath, England