



Assist. Prof. Dr. ŞEHNAZ KANLI

Mahmutbey Technology Campus
+90 (212) 604 01 00 / 1851
Interview Hours: Cuma - 10:00 - 12:00
sehnaz.kanli@altinbas.edu.tr

0009-0002-5213-680X

EDUCATIONAL INFORMATION

Degree	University	Department	Year(s)
Doctoral Degree	Human Verdamaci University of Bilkent	Fizik (Phd) (ingilizce)	2013 - 2019
Master's Degree	Zanjan University		2008 - 2010
Bachelor's Degree	Shahid Madani University		2003 - 2008

RESEARCH AREAS

Nanophotonics, Two dimensional materials, Graphene

ACADEMIC DUTIES

Duty	University	Area	Year(s)
Assistant Professor	Altinbas University	Faculty of Engineering and Architecture	2022 -

ADMINISTRATIVE DUTIES

Duty	University	Year(s)
------	------------	---------

ACADEMIC AND PROFESSIONAL MEMBERSHIPS

Organisation	Membership	Year(s)
--------------	------------	---------

NON-UNIVERSITY EXPERIENCE

Country	Organisation	Duty	Year(s)
---------	--------------	------	---------

BOOKS

ARTICLES

Tunable Fano resonance in mid-infrared region based on asymmetric graphene nanoribbon arrays

KANLI ŞEHNAZ

The European Physical Journal D, 2024

International DOI: 10.1140/epjd/s10053-024-00857-z

Geometric band properties in strained monolayer transition metal dichalcogenides using simple band structures

KANLI ŞEHNAZ, BULUTAY CEYHUN

Journal of Applied Physics, 2019

International

Strain dependence of photoluminescence and circular dichroism in transition metal dichalcogenides: a k•p analysis

KANLI ŞEHNAZ, BULUTAY CEYHUN

Optics Express, 2018

International

Graphene-based adaptive thermal camouflage

SALİHOĞLU ÖMER, YAKAR OZAN, KANLI ŞEHNAZ, BALCI OSMAN, BALCI SİNAN, SÜZER ŞEFİK, KOCABAŞ

COŞKUN

Nano Letters, 2018

International

ARTICLES

Optical bistability in one-dimensional doped photonic crystals with spontaneously generated coherence

KANLI ŞEHNAZ, MÜSTECAPLIOĞLU ÖZGÜR ESAT

PHYSICAL REVIEW A, 2013

International DOI: 10.1103/PhysRevA.88.053846

PROCEEDINGS

PROJECTS

THESIS SUPERVISION

COURSES

Course Type	Course Code	Course Name
Bachelor's Degree	PHYS101	PHYSICS I
Master's Degree	BMSE541	NANOMATERIALS
Bachelor's Degree	PHYS102	PHYSICS II
Bachelor's Degree	FİZ101	FİZİK I
Bachelor's Degree	PHYS103	PHYSICS FOR HEALTH SCIENCES
Bachelor's Degree	FİZ107	FİZİK I
Bachelor's Degree	FİZ102	FİZİK II
Bachelor's Degree	ME462	MICRO AND NANOFABRICATION
Master's Degree	BMSE542	MODERN PHYSICS FOR BIOMEDICAL SCIENCES

PERSONAL INFORMATION

CONTACT INFORMATION

Interview Hours: Cuma - 10:00 - 12:00

Mahmutbey Technology Campus

Mahmutbey Dilmenler Caddesi, No:26, 34217 Bağcılar - İSTANBUL

+90 (212) 604 01 00 / 1851

