

Prof. Günay Başar

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, Fen-Edebiyat Fakültesi, Fizik Mühendisliği Bölümü, Turkey 1989 - 1996

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Fizik Mühendisliği (YI) (Tezli), Turkey 1985 - 1989

Undergraduate, Istanbul University, Faculty Of Science, Department Of Physics, Turkey 1980 - 1985

Foreign Languages

German

Research Areas

Basic Sciences, Physics, Atomic and Molecular Physics, Atomic Spectra and Photon Interactions, Atomic and Molecular Interactions, Interdisciplinary Physics and Related Science and Technology Areas, Biophysics and Medical Physics

Academic Titles / Tasks

Professor, Istanbul Technical University, Fen-Edebiyat Fakültesi, Fizik Mühendisliği Bölümü, 2013 - Continues

Associate Professor, Istanbul Technical University, Fen-Edebiyat Fakültesi, Fizik Mühendisliği Bölümü, 2005 - 2013

Assistant Professor, Istanbul Technical University, Fen-Edebiyat Fakültesi, Fizik Mühendisliği Bölümü, 1997 - 2005

Research Assistant, Istanbul Technical University, Fen-Edebiyat Fakültesi, Fizik Mühendisliği Bölümü, 1986 - 1997

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Laser spectroscopic investigation of atomic holmium in the wavelength range from 780 nm to 830 nm: Hyperfine structure measurements and a new energy level**
Basar G., Basar G., Ozdalgic B., Ozturk I. K., Guzelcimen F., Bingol D., Kroeger S.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.243, 2020 (SCI-Expanded)
- II. **Hyperfine structure investigation of Mn I - Part II: Theoretical studies of the odd configurations**
Acar F., Basar G., Basar G., Ozturk I., Kroger S.
PHYSICA SCRIPTA, vol.71, no.3, pp.245-250, 2005 (SCI-Expanded)
- III. **Hyperfine structure of high lying levels of TmI**

Basar G., Basar G., Ozturk I., Acar F., Kroger S.

PHYSICA SCRIPTA, vol.71, no.2, pp.159-162, 2005 (SCI-Expanded)

IV. Parametric investigation of the isotope shift in odd configurations of Ne I

Basar G., Basar G., Buttgenbach S., Kroger S., Kronfeldt H.

ZEITSCHRIFT FUR PHYSIK D-ATOMS MOLECULES AND CLUSTERS, vol.39, no.4, pp.283-289, 1997 (SCI-Expanded)

Supported Projects

Başar G., Project Supported by Higher Education Institutions, Atomik vanadyumun 760 nm ile 840 nm dalga boyu bölgesindeki Laser indüklenmiş Floresans spektroskopisi, 2016 - 2018

Başar G., Project Supported by Higher Education Institutions, INVESTIGATION OF HYPOXIC CONDITION IN PRE - ECLAMPSIA BY RAMON TWEZEERS, 2009 - 2018

Başar G., Project Supported by Higher Education Institutions, Laser Tweezers Raman Spectroscopic Investigation of Geranylgeranyl Pyrophosphate Synthase in Recombinant Schizosaccharomyces Pompe Cell, 2008 - 2018

Başar G., Project Supported by Higher Education Institutions, Biyolojik Moleküllerin İncelenmesi İçin Raman Çımbızlama Sisteminin Kurulması, 2007 - 2018

Başar G., Project Supported by Higher Education Institutions, Experimental Hyperfine Structure Investigation of Atomic NB, 2006 - 2018

Başar G., Project Supported by Higher Education Institutions, Niobyum 1 in Deneysel aşırı ince yapısının incelenmesi, 2004 - 2018

Başar G., Project Supported by Higher Education Institutions, Raman Çımbızlama Uygulaması İçin Mikro-Akışkan Hücre Yapımı, 2014 - 2015

Başar G., Project Supported by Higher Education Institutions, III-IV Tipi İki Diodlazer Fark Frekans Temelli Kızılötesi Lazer Kaynağı Yapımı ve Bu Kaynakla Çok B., 1998 - 2001

Scientific Refereeing

Journal of Raman Spectroscopy, SCI Journal, April 2017

Scientific Consultations

Tubitak, Project Consultancy, Istanbul Technical University, Fen-Edebiyat Fakültesi, Fizik Mühendisliği Bölümü, Turkey, 2017 - 2017

Metrics

Publication: 44

Citation (WoS): 106

Citation (Scopus): 176

H-Index (WoS): 8

H-Index (Scopus): 10

Non Academic Experience

İSTANBUL TEKNİK ÜNİVERSİTESİ

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