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Education Information

Doctorate, Hacettepe Üniversitesi, Fizik Mühendisliği, Atom Ve Molekül Fiziği, Turkey 1983 - 1990

Postgraduate, İstanbul Üniversitesi, Fen Fakültesi, Fizik, Turkey 1978 - 1980

Undergraduate, İstanbul Üniversitesi, Fen Fakültesi, Fizik, Turkey 1971 - 1975

Foreign Languages

German, B1 Intermediate

English, B2 Upper Intermediate

Research Areas

Physics, Atomic and Molecular Physics, Natural Sciences

Academic Titles / Tasks

Professor, Hacettepe Üniversitesi, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 2001 - Continues

Associate Professor, Hacettepe Üniversitesi, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 1994 - 2001

Assistant Professor, Hacettepe Üniversitesi, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 1992 - 1993

Advising Theses

SÜNETÇİOĞLU M. M. , İlaç taşıyıcı lipid sistemlerin dinamik ve termodinamik özelliklerinin spektroskopik yöntemler ile incelenmesi, Doctorate, D.YONAR(Student), 2012

SÜNETÇİOĞLU M. M. , Model zar-yüzey aktif etkileşmelerinin elektron paramanyetik rezonans (EPR) spin etiketleme tekniği ile incelenmesi, Postgraduate, D.DOĞAN(Student), 2006

SÜNETÇİOĞLU M. M. , EPR spin prob yöntemiyle polimer-yüzey aktif çözeltilerinin yapısal ve dinamik özelliklerinin incelenmesi, Doctorate, K.DEMİR(Student), 2004

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

1. Effect of cis-(Z)-flupentixol on DPPC membranes in the presence and absence of cholesterol
Yonar D., Sunnetcioglu M. M.

CHEMISTRY AND PHYSICS OF LIPIDS, vol.198, pp.61-71, 2016 (Journal Indexed in SCI)

- II. **Differentiation of Mesothelioma from Lung Cancer and Healthy Individuals Using Human Serum by ATR-FTIR Spectroscopy Coupled with Chemometrics**
Emri S. A. , Yonar D., SANDAL A., Yilmaz U., Severcan F.
JOURNAL OF THORACIC ONCOLOGY, vol.10, no.9, 2015 (Journal Indexed in SCI)
- III. **Spectroscopic and calorimetric studies on trazodone hydrochloride-phosphatidylcholine liposome interactions in the presence and absence of cholesterol**
Yonar D., Sunnetcioglu M. M.
BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES, vol.1838, no.10, pp.2369-2379, 2014 (Journal Indexed in SCI)
- IV. **Interaction of Antidepressant Drug, Clomipramine, with Model and Biological Stratum Corneum Membrane as Studied by Electron Paramagnetic Resonance**
Yonar D., Horasan N., Paktas D. D. , Abramovic Z., Strancar J., Sunnetcioglu M. M. , Sentjurc M.
JOURNAL OF PHARMACEUTICAL SCIENCES, vol.102, no.10, pp.3762-3772, 2013 (Journal Indexed in SCI)
- V. **EPR investigation of clomipramine interaction with phosphatidylcholine membranes in presence and absence of cholesterol**
Yonar D., Paktas D. D. , Horasan N., Strancar J., Sentjurc M., Sunnetcioglu M. M.
JOURNAL OF LIPOSOME RESEARCH, vol.21, no.3, pp.194-202, 2011 (Journal Indexed in SCI)
- VI. **EPR spin probe investigation of irradiated wheat, rice and sunflower seeds**
Paktas D. D. , Sunnetcioglu M. M.
RADIATION PHYSICS AND CHEMISTRY, vol.76, no.1, pp.46-54, 2007 (Journal Indexed in SCI)
- VII. **EPR spin label study of walnut oil effects on phosphatidylcholine membranes**
Horasan N., Sunnetcioglu M., Sungur R.
CHEMISTRY AND PHYSICS OF LIPIDS, vol.140, pp.1-10, 2006 (Journal Indexed in SCI)
- VIII. **The use of simulation in the EPR spin probe technique for detection of irradiated seeds**
Sunnetcioglu M. M. , Dadayli D.
TALANTA, vol.53, no.1, pp.69-74, 2000 (Journal Indexed in SCI)
- IX. **Dynamic Nuclear Polarization studies of TANOL/water-glycerol solutions**
Sert İ., Sunnetcioglu M., Sungur R., Bingol G.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, vol.55, no.8, pp.682-686, 2000 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **The effect of antidepressant drugs on bicellar membranes: an EPR spin labeling study**
YONAR D., SÜNETÇİOĞLU M. M.
International Conference on Electron Paramagnetic Resonance Spectroscopy and Imaging of Biological Systems, Morgantown, United States Of America, 16 - 22 July 2017, pp.73
- II. **A Novel Method for Early Diagnosis of Malignant Pleural Mesothelioma from Human Serum Samples: ATR-FTIR Spectroscopy**
Yonar D., SANDAL A., Emri S., Severcan F.
59th Annual Meeting of the Biophysical-Society, Maryland, United States Of America, 7 - 11 February 2015, vol.108

Supported Projects

SÜNETÇİOĞLU M. M. , Project Supported by Higher Education Institutions, ilaç bisel etkileşmelerinin EPR tekniği ile incelenmesi, 2017 - 2018

SÜNETÇİOĞLU M. M. , Project Supported by Higher Education Institutions, ilaç DPPC etkileşmelerinin EPR spektroskopisi ile incelenmesi, 2015 - 2016

SÜNETHİOĐLU M. M. , Project Supported by Higher Education Institutions, Nano boyuttaki emülsiyonların Elektron Paramanyetik Rezonans (EPR) yöntemi ile incelenmesi, 2014 - 2016

SÜNETHİOĐLU M. M. , Project Supported by Higher Education Institutions, İlaç taşıyıcı ipid sistemlerin dinamik ve termodinamik özelliklerinin spektroskopik yöntemler ile incelenmesi, 2012 - 2016

İDE S., SÜNETHİOĐLU M. M. , YILDIRIM L., ÖZBEY S., POLAT M., ÇOLAK Ş., Project Supported by Higher Education Institutions, FİZ301 FİZİK LAB. V. (Kuantum Fiziđi Laboratuvarı) dersi kapsamındaki bazı deney donanımlarının sarf malzeme eksikliklerinin giderilmesi, 2014 - 2015

Citations

Total Citations (WOS):44

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