

Prof. GÖKHAN SAVAROĞLU

Personal Information

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Education Information

Doctorate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Fizik (Yl) (Tezli), Turkey 1996 - 2001

Postgraduate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Fizik (Yl) (Tezli), Turkey 1993 - 1996

Undergraduate, Anadolu University, Faculty Of Science, Department Of Physics, Turkey 1989 - 1993

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Eskisehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2014 - Continues

Associate Professor, Eskisehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2008 - 2014

Assistant Professor, Eskisehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2003 - 2008

Lecturer PhD, Eskisehir Osmangazi University, Fen Fakültesi, Fizik Bölümü, 2001 - 2003

Academic and Administrative Experience

Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2016 - 2019

Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2001 - 2004

Advising Theses

SAVAROĞLU G., Ultrases uygulama süresinin kolesteril oleil karbonatın faz geçiş sıcaklığına etkisi, Postgraduate, D.İNAN(Student), 2018

SAVAROĞLU G., Nortriptilin hidroklorür'ün sulu çözeltisinin termodinamik özelliklerinin incelenmesi, Postgraduate, M.TAHA(Student), 2018

SAVAROĞLU G., Ultrases uygulama süresi ve genliğinin naproksen sodyumun parçacık boyutu ve çözünübilirliğine etkisi, Postgraduate, A.CEREN(Student), 2016

SAVAROĞLU G., Gıda sektöründe koruyucu olarak kullanılan bazı çözeltilerin ultrasonik ve termodinamik incelenmesi, Postgraduate, M.ÖZDEMİR(Student), 2007

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Temperature and Composition Dependence of Ultrasound Properties of Medical Nutrition Solutions

Containing Carbohydrate, Protein, and Lipid

İLHAN H., SAVAROĞLU G.

JOURNAL OF CHEMICAL AND ENGINEERING DATA, vol.54, no.12, pp.3281-3283, 2009 (SCI-Expanded)

- II. **Apparent molar volume and apparent molar isentropic compressibility of glycerol in fructose-water at different temperatures**
SAVAROĞLU G., Ozdemir M.
JOURNAL OF MOLECULAR LIQUIDS, vol.137, pp.51-57, 2008 (SCI-Expanded)
- III. **Acoustic parameters of cow's milk added hydrogen peroxide and sodium bicarbonate at different temperatures**
Savaroglu G., Aral E.
Journal of Food Engineering, vol.79, no.1, pp.287-292, 2007 (SCI-Expanded)
- IV. **Excess molar isentropic compressibilities, excess molar volumes, and excess sound speeds of the 1-propanol + diethyl ether + 1-octanol ternary mixture and constituent binary mixtures at 298.15 K**
Savaroglu G., Tasagal D., Aral E.
International Journal of Thermophysics, vol.28, no.1, pp.245-258, 2007 (SCI-Expanded)
- V. **Excess isentropic compressibility and speed of sound of the ternary mixture 2-propanol + diethyl ether + n-hexane and the constituent binary mixtures at 298.15 K**
Savaroglu G., Aral E.
Pramana - Journal of Physics, vol.66, no.2, pp.435-446, 2006 (SCI-Expanded)
- VI. **Speeds of sound and isentropic compressibilities in binary mixtures of 2-propanol with several 1-alkanols at 298.15 K**
Savaroglu G., Aral E.
International Journal of Thermophysics, vol.26, no.5, pp.1525-1535, 2005 (SCI-Expanded)
- VII. **Densities, speed of sound and isentropic compressibilities of the ternary mixture 2-propanol+acetone+cyclohexane and the constituent binary mixtures at 298.15 and 313.15 K**
Savaroglu G., Aral E.
Fluid Phase Equilibria, vol.215, no.2, pp.253-262, 2004 (SCI-Expanded)
- VIII. **Ultrasonic velocity and isentropic compressibilities of the ternary mixture benzene + acetone + chloroform and their corresponding binary mixtures at 298.15K**
Savaroglu G., Aral E.
Journal of Molecular Liquids, vol.105, no.1, pp.79-92, 2003 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of ultrasound expose time on the partical distributions optical properties of solution for deposition of ZnO film**
SAVAROĞLU G., ILICAN S.
1ST INTERNATIONAL CONFERENCEON INNOVATIONS IN NATURAL SCIENCEAND ENGINEERING - ICINSE 2018, 3 - 06 January 2018
- II. **Yüksek Şiddetli Odaklanmış Ultrasesin Nörolojik Uygulamaları**
SAVAROĞLU G.
ALSEM 2016 - Alzheimer Sempozyumu, Eskişehir, Turkey, 17 - 18 May 2016
- III. **Odaklanmış Yüksek şiddetli ultrasesin fiziksel parametreleri ve tedavi edici uygulamaları**
SAVAROĞLU G., Kalpak T.
Adım Fizik Günleri V, Turkey, 21 - 23 April 2016
- IV. **The efect of sonication time on the crystallization processes of ezetimibe**
SAVAROĞLU G., İldaşer A. C., GENÇ L., HÜR E., ÇAĞLAR M.
Nanoscience and Nanotechnology for next generation, 29 - 31 October 2015
- V. **The Effect Of Sonication Time On The Crystallization Processes Of Ezetimibe**
SAVAROĞLU G., GENÇ L., ildaşer c., HÜR E., ÇAĞLAR M.

2nd International Nanoscience and Nanotechnology for Next Generation Conference (NaNoNG), 29 - 31 October 2015

VI. The effect of ultrasound on the crystallization processes of naproxen sodium

SAVAROĞLU G., İldaşer A. C., GENÇ L., HÜR E., ÇAĞLAR M.

2nd Global Conference on Material Sciences, 15 - 17 October 2015

VII. The effect of ultrasound of amplitude and expose time on particle size and solubility of naproxen sodium

SAVAROĞLU G., İldaşer A. C., GENÇ L., HÜR E., ÇAĞLAR M.

Drug Discovery and Therapy World Congress 2015, 22 - 25 July 2015

Metrics

Publication: 23

Citation (WoS): 147

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