

## Personal Information

Email: melikebilgi@akdeniz.edu.tr

Web: <https://avesis.akdeniz.edu.tr/melikebilgi>

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Solution Behavior of p-Coumaric, Caffeic and Ferulic Acids in Methanol as Determined from Volumetric Properties: Attempts to Explore a Correlation with Antioxidant Activities**  
Sahin M., ERKAN N., Ayranci E.  
JOURNAL OF SOLUTION CHEMISTRY, vol.45, no.1, pp.52-66, 2016 (SCI-Expanded)
- II. **Electrooxidation of NADH on Modified Screen-Printed Electrodes: Effects of Conducting Polymer and Nanomaterials**  
Sahin M., Ayranci E.  
ELECTROCHIMICA ACTA, vol.166, pp.261-270, 2015 (SCI-Expanded)
- III. **Studies on the interactions of diglycine and triglycine with polyethylene glycol 400 in aqueous solutions by density and ultrasound speed measurements**  
ŞAHİN M., Ayranci E.  
JOURNAL OF CHEMICAL THERMODYNAMICS, vol.58, pp.70-82, 2013 (SCI-Expanded)
- IV. **Volumetric studies to examine the interactions of imidazolium based ionic liquids with water by means of density and speed of sound measurements**  
Lal B., Sahin M., Ayranci E.  
JOURNAL OF CHEMICAL THERMODYNAMICS, vol.54, pp.142-147, 2012 (SCI-Expanded)
- V. **Volumetric properties of (ascorbic acid plus polyethylene glycol 3350+water) systems at T = (288.15, 298.15, and 308.15) K**  
Sahin M., Ayranci E.  
JOURNAL OF CHEMICAL THERMODYNAMICS, vol.43, no.2, pp.177-185, 2011 (SCI-Expanded)
- VI. **Interactions of glycine with polyethylene glycol studied by measurements of density and ultrasound speed in aqueous solutions at various temperatures**  
Sahin M., Yesil Z., Gunel M., Tahiroglu S., Ayranci E.  
FLUID PHASE EQUILIBRIA, vol.300, no.1-2, pp.155-161, 2011 (SCI-Expanded)
- VII. **Structural characterization by confocal laser scanning microscopy and electrochemical study of multi-walled carbon nanotube tyrosinase matrix for phenol detection**  
Guix M., Perez-Lopez B., Sahin M., Roldan M., Ambrosi A., Merkoci A.  
ANALYST, vol.135, no.8, pp.1918-1925, 2010 (SCI-Expanded)
- VIII. **Density, sound velocity and viscosity properties of aqueous sodium metatungstate solutions and an application of these solutions in heavy mineral separations**  
Sahin M., Ayranci K., KOŞUN E., Ayranci E.  
CHEMICAL GEOLOGY, vol.264, no.1-4, pp.96-100, 2009 (SCI-Expanded)
- IX. **Interactions of polyethylene glycols with water studied by measurements of density and sound velocity**  
Ayranci E., Sahin M.  
JOURNAL OF CHEMICAL THERMODYNAMICS, vol.40, no.8, pp.1200-1207, 2008 (SCI-Expanded)
- X. **Volumetric properties of ascorbic acid (vitamin C) and thiamine hydrochloride (vitamin B-1) in dilute HCl and in aqueous NaCl solutions at (283.15, 293.15, 298.155 303.15 308.15, and 313.15) K**

Ayranci G., Sahin M., Ayranci E.

JOURNAL OF CHEMICAL THERMODYNAMICS, vol.39, no.12, pp.1620-1631, 2007 (SCI-Expanded)

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. TWIST1 gene expressions in gastric adenocancer**

SALIM D. K., ADANIR H., ŞAHİN m., KÖKSOY S., SÜLEYMANLAR İ.

European Cancer Congress, Amsterdam, Netherlands, 27 October - 01 November 2013, vol.49, no.2, pp.598

### **II. Influence of cytokine gene expressions on development of gastric cancer and chronic active gastritis**

SALIM D. K., ADANIR H., ŞAHİN m., KÖKSOY S., SÜLEYMANLAR İ.

European Cancer Congress, Amsterdam, Netherlands, 27 October - 01 November 2013, vol.49, pp.599-600

## **Metrics**

Publication: 12

Citation (WoS): 244

Citation (Scopus): 257

H-Index (WoS): 8

H-Index (Scopus): 8