**Zahra Arzani**

Faculty of Natural Resources, The University of Tehran, Karaj- Iran.

[**https://www.linkedin.com/in/zahra-arzani-061b8b9a/**](https://www.linkedin.com/in/zahra-arzani-061b8b9a/)

zarzani2111@yahoo.com/zahraarzani@gmail.com/ 00989125667865/ No. 15, Bostan 5, Mehran Sq. Azemeyeh, Karaj, Iran

**Teaching Experience**

* Chemistry, High School: 9th grade to 12th grade 1988- Present
* Organic Chemistry (undergraduate), University of Tehran 2003-2007
* Chemistry, Teaching and Training Centre for Science Teachers 1993- 2013

**Education**

* **M.Sc.** in Chemistry (Food and Drug Analysis) 1991-93

University of New South Wales, Australia, 1991- 93

* **Ph.D.** Candidate in Chemistry 2001-2

Texas Tech University, Lubbock, Texas, USA

**Honors and Awards**

* **Ranked 1st** in the National teachers’competition, Iran (2006).
* **Ranked 1st** in the National“Teaching Chemistry in New Ways” competition among all high school chemistry teachers, Iran (2008).
* Recognized as "**Active in Research Teacher**" by the Office of Teaching and Training in Alborz province, Iran (2007).
* **Top Student** during M.Sc. study at University of New South Wales, Australia (1991-93)
* **Top Student** during Ph.D. study at Department of Chemistry, University of Tax Tech, USA (2000) under supervision of Prof. Berscth.

**Professional Volunteering Experience**

* **Collaborated** with Chemistry Curriculum Center, Iran (1997-1999).
* **Coauthor** of Laboratory science **book** for 10th grad high school with Curriculum Center, Iran (2016).
* **Coauthor** ofLaboratory science **book** for 11th grad high school with the Curriculum Center, Iran (2017).
* **Coauthor** of 15 Chemistry **books** for high school students.
* **Published** more than **40 papers** in the Journal of Chemical Education in Iran (in Farsi).
* **Collaborated** in forage quality research at the University of Tehran.

**Talks and Presentations**

* **Presented** **(Oral and Poster)** more than 5 timein the National Chemical Education Conferences (in Farsi), Iran.
* **Presented (Oral)** at the International Conference On Sustainable Development, New Jersey, USA, 2012.
* **Presented (Oral)** at the 2012 Biennial Conference on Chemical Education, Pennsylvania, USA, 2012.

**Publications (in English)**

* *Arzani / OIDA International Journal of Sustainable Development 05 (2012)* **GREEN / SUSTAINABLE CHEMISTRY: CHEMICAL WASTE MANAGEMENT IN HIGH SCHOOL,**Ontario International Development Agency ISSN: 1923-6654 (print) ISSN 1923-6662 (online). Available at at <http://www.ssrn.com/link/OIDA-Intl-Journal-Sustainable-Dev.html>
* Arzani, Zahra, Teaching Chemistry by Using 'Proverbs' (November 11, 2013). OIDA International Journal of Sustainable Development, Vol. 06, No. 03, pp. 35-44, 2013. Available at <http://www.ssrn.com/link/OIDA-Intl-Journal-Sustainable-Dev.ht>
* Arzani H, Motamedi and Arzani Z, Chemical Compounds of Thyme as a Medicinal Herb in the Mountainous Areas of Iran, Journal of Nutritional Disorders & Therapy, 2013, S12, ISSN: 2161-0509, <http://dx.doi.org/10.4172/2161-0509.S12-003>.
* Zahra Arzani, Hassan Hazarkhani , High School Chemistry Activities with an Environmental Concern Cost-Effective Colorimetric Ion Analysis, Journal of Laboratory Chemical Education , Volume 5 , Number 1 , March 2017 , Available at http://journal.sapub.org/jlce.