



**NAME: ERASMIA A. BIZANI**

**Title:** Research and Teaching Assistant

**Sector:** Analytical, Physical and Theoretical Chemistry Sector I)

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### Academic Qualifications:

- **B.Sc. in Chemistry (1996-2001)**, Aristotle University of Thessaloniki Grade: 8.1/10.0
- **M.Sc. in Environmental Chemistry (2001-2003)**, Aristotle University of Thessaloniki, Grade 9.84/10.00
- **Ph.D. in Chemistry (2003-2009)**, Aristotle University of Thessaloniki

### Appointments:

- 2007 – 2011: Teaching and laboratory assistant, Chemistry Department, Aristotle University of Thessaloniki
- 2011 – to present: Teaching and laboratory assistant in Laboratory of Analytical Chemistry, Chemistry Department, National and Kapodistrian University of Athens

### Teaching Activities: (current)

#### Undergraduate courses:

Analytical Chemistry (2<sup>nd</sup> semester Chemistry Dept)  
Analytical Chemistry Practicals (2<sup>nd</sup> semester Chemistry Dept)  
Analytical Chemistry I (3<sup>rd</sup> semester Pharmacy Dept)  
Completed 8 diploma theses (co-supervisor)

#### Postgraduate courses :

Advance Analytical Chemistry

### Research Interests/Activities: (last 10 years)

- Environmental and Food Analysis
- Water quality and water treatment
- Advanced Oxidation Processes
- Mass Spectrometry
- Development of LC-MS/MS methods

### Scientific Publications/Citations:

- 12 publications in refereed journals
- 2 contributions in scientific book chapters
- 28 Conference Presentations (peered reviewed)
- 730 citations (h-index 7)

### Top five publications

- E. Bizani, K. Fytianos, I. Poullos, V. Tsiridis, "Photocatalytic Decolorization and Degradation of Dye Solutions and Wastewaters in the Presence of Titanium Dioxide", 2006, *Journal of Hazardous Materials*, 136, 85-94.
- E. Evgenidou, E. Bizani, C. Christophoridis, K. Fytianos, "Heterogeneous photocatalytic degradation of prometryn in aqueous solutions under UV/Vis irradiation", 2007, *Chemosphere*, 68, 1877-1882.
- Zapata, I. Oller, E. Bizani, J.A. Sánchez-Pérez, M.I. Maldonado, S. Malato, "Evaluation of operational parameters involved in solar photo-Fenton degradation of a commercial pesticide mixture", 2009, *Catalysis Today*, 144 (1-2), 94-99.
- S. Veloutsou, E. Bizani, K. Fytianos, "Photo-Fenton decomposition of  $\beta$ -blockers Atenolol and Metoprolol; Study and Optimization of System Parameters and Identification of Intermediates", 2014, *Chemosphere*, 107, 180-186.
- E. Bizani, D. Lambropoulou, I. Poullos, K. Fytianos, "Photocatalytic oxidation of molinate in aqueous solutions", 2014, *Environmental Science and Pollution Research*, 21(21), 12294-12304.

### Selected Distinctions:

- Scholarship from the State Scholarships Foundation (IKY) for the 1<sup>st</sup> year of undergraduate studies (1st position, 1996-1997)
- Scholarship from the State Scholarships Foundation (IKY) for the 1<sup>st</sup> year of postgraduate studies (2002).
- Scholarship from Onassis Foundation for Ph.D. studies (2003, duration 39 months)
- Special Grant of the Support Program for Onassis Scholars' Association Members (2017-2019)

### Projects and Academic Activities:

- Research associate in 14 research projects
- Reviewer for 3 international journals covered by ISI
- Member of the Chemicals Working Group of European Environmental Bureau (EEB), 2014-Present