C u r r i c u l u m v i t a e

Name: Eleftheria Neofotistou

Occupation: Laboratory Teaching Staff / General and Inorganic Chemistry

Department: Nutrition and Dietetics Sciences, Hellenic Mediterranean University

Address: Tripitos 72300 Sitia, Crete

Phone: +302843020006

e-mail: eneofotistou@hmu.gr

scopus ID: 9040303400

Studies

29/06/2005 – 16/12/2009:	Doctorate (Ph.D.) in Inorganic Chemistry, Department of Chemistry, University of Crete, Thesis Title: "Synthesis, characterization and properties of new porous coordination polymers''
15/10/2002 – 17/03/2005:	M.Sc. in Inorganic Chemistry, Department of Chemistry, University of Crete, Thesis Title: "SiO_2 formation in aqueous solutions and its prevention using dendrimers and polymers additives"
1998 – 2002:	Bachelor's in chemistry, Department of Chemistry, University of Crete

Professional Experience

2022- today:	Laboratory Teaching Staff (EDIP) in the Department of Nutrition & Dietetics Sciences Courses: General and Inorganic Chemistry (lectrures and laboratory classes) Quality Control – Food Safety (laboratory classes).
2009-2022:	Teacher in secondary schools in Greece

Languages Skill

Greek (mother tongue)

English (ECPE)

Member of the following scientific communities:
2002: Association of Greek Chemists

Publications

1. E. Neofotistou, KD Demadis, "Cationic polymeric chemical inhibitors and multifunctional blends for the control of silica scale in process waters", Int. J. Corros. Scale Inhib., 2014, 3(1), 28-34.
2. E. Neofotistou,. D. Malliakas and P. N. Trikalitis, "Remarkable structural diversity and single-crystal-to-single-crystal tranformations in sulfone functionalized lanthanide MOF's", CrystEngComm, 2010, 12, 1034 - 1037
3. E. Neofotistou,. D. Malliakas and P. N. Trikalitis, "Unprecedented Sulfone-Functionalized Metal–Organic Frameworks and Gas-Sorption Properties", Chem. Eur. J. 2009, 15, 4523 – 4527.
4. E. Neofotistou,. D. Malliakas and P. N. Trikalitis, "Novel coordination polymers based on the tetrathioterephthalate dianion as bridging ligand", Inorg. Chem., 2007, 46, 8487-8489.
5. E. Mavredaki, A.Stathoulopoulou, E. Neofotistou, K. D. Demadis, "Environmentally benign chemical additives in the treatment and chemical cleaning of process water systems: Implications for green chemical technology", Desalination, 2007, 210, 257–265.
6. Demadis, K.D.; Neofotistou, E.;"Synergistic Effects of Combinations of Cationic Polyaminoamide Dendrimers/Anionic Polyelectrolytes on Amorphous Silica Formation: A Bioinspired Approach", Chem. Mater., 2007, 19, 581-587.
7. K.D. Demadis, E. Mavredaki, A. Stathoulopoulou, E. Neofotistou, C. Mantzaridis, "Industrial water systems: problems, challenges and solutions for the process industries", Desalination, 2007, 213, 38–46.
8. Demadis, K.D.; Neofotistou, E.; Mavredaki, E.; Tsiknakis, M.; Sarigiannidou, E.-M.; Katarachia, S.D., "Inorganic Foulants in Membrane Systems: Chemical Control Strategies and the Contribution of "Green Chemistry", Desalination, 2005, 179, 281-295.
9. Mavredaki, E.; Neofotistou, E.; Demadis, K.D. "Inhibition and Dissolution as Dual Mitigation Approaches for Colloidal Silica (SiO_2) Fouling and Deposition in Process Water Systems: Functional Synergies.", Industrial and Engineering Chemistry Research 2005, 44, 7019-7026.
10. Neofotistou, E.; Demadis, K.D. "Silica Scale Inhibition By Polyaminoamide STARBURST Dendrimers", Colloids & Surfaces A: Physicochemical and Engineering Aspects, 2004, 242, 213.
11. Neofotistou, E.; Demadis, K.D "Use of Antiscalants for Mitigation of Silica (SiO_2) Fouling and Deposition: Fundamentals and Applications in Desalination Systems.", Desalination, 2004, 167, 257.
12. Demadis, K.D.; E. Neofotistou "Inhibition and Growth Control of Colloidal Silica: Designed Chemical Approaches", Materials Performance 2004, 43(4), 38.
13. Neofotistou, E.; Mavredaki, E.; Sarigiannidou, E.; Demadis, K.D, "Biodegradable Additives in Chemical Cooling Water Treatment: The Contribution of "Green Chemistry", Hydroeconomy 2004, March-April, p. 106 (in Greek)
14. M. Aivaliotis, E. Neofotistou, H.-W. Remigy, G. Tsimpinos,Ariel Lustig, F. Lottspeich & G. Tsiotis. "Isolation and characterization of an outer membrane protein of Chlorobium tepidum", Photosynthesis Research, 2004, 79, 161–166.
15. M. Aivaliotis, P. Samolis, E. Neofotistou, H. Remigy, A. K. Rizos, G. Tsiotis: "Molecular size determination of a membrane protein in surfactants by light scattering", Biochimica et Biophysica Acta (BBA) - Biomembranes, 2003, 1615, 1-2, p. 69-76