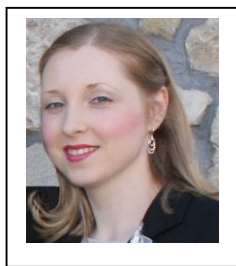


Petra Matić, 343773

Link to CROSBİ profile: <https://bib.irb.hr/lista-radova?autor=343773&lang=EN>

Link to Google scholar profile: <https://scholar.google.hr/citations?user=GHG0cL4AAAAJ&hl=en>

Web site: <http://www.ptfos.unios.hr/index.php/zaposlenici/38-zaposlenici/nastavno-osoblje/8342-petra-krivak>



EDUCATION

-2010. – B.Sc., Faculty of Food Technology Osijek, J. J. Strossmayer University of Osijek

-2004. - Food technician, High school Prelog

EMPLOYMENT

-2014. – ongoing –assistant, Institution: Faculty of Food Technology Osijek, J. J. Strossmayer University of Osijek

-2013. – 2014. - laboratory chemist, Company Meggle d.o.o., Croatia

-2011. – 2013. trainer technologist for fruits and vegetables processing, Company: Eurovoće Orahovica.

TEACHING ACTIVITIES

Lab practice at the undergraduate and graduate levels (Physical chemistry, Engineering chemistry, Food packaging, Instrumental methods II).

RESEARCH EXPERIENCE (RESEARCH INTERESTS)

Her scientific research interests are related to the adsorption processes and the interactions between polyphenols.

PUBLICATIONS

She has published four scientific papers, of which one article in a journal indexed in tertiary publications (a1), one article in a journal indexed in secondary publications (a2), and two papers in conference proceedings.

During her work she participated in five international scientific conferences and one scientific conference.

1. Jakobek, Lidija; Šeruga, Marijan; Krivak, Petra. The influence of interactions among phenolic compounds on the antiradical activity of chokeberries (*Aronia melanocarpa*). *International journal of food sciences and nutrition*. 62 (2011), 4; 345-352.
2. Krivak, Petra; Ukić, Šime; Jakobek, Lidija. Polyphenols and β -glucan interactions through linear adsorption models. *Croatian Journal of Food Science and Technology*. 8 (2016), 2; 66-73.
3. Krivak, Petra; Jakobek, Lidija. Antiradical activity of polyphenols from old apple varieties. 15th Ružička days "TODAY SCIENCE–TOMORROW INDUSTRY" / Šubarić, Drago; Jukić, Ante (ur.). Osijek: Josip Juraj Strossmayer University of Osijek Faculty of Food Technology Osijek Croatian Society of Chemical Engineers, 2015. 242-252.
4. Jakobek, Lidija; Šeruga, Marijan; Krivak, Petra. The influence of interactions among phenolic compounds from chokeberry on the antiradical activity of chokeberry. *Proceedings of International scientific and professional conference 13th Ružička days "Today science - Tomorrow industry" / Šubarić, Drago (ur.). Osijek: Hrvatsko društvo kemijskih inženjera i tehnologa, Prehrambeno-tehnološki fakultet Osijek, 2010. 302-310.*

PROJECTS

Team member of the project "Nutritional characteristics of old, neglected apple varieties from Slavonia region, important for their preservation" (funded by Adris foundation, finished project).