



## Martina Jakovljević Kovač

**Nationality:** Croatian **Date of birth:** 07/12/1992 **Gender:** Female

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**Work:** Franje Kuhača 18, 31000 Osijek (Croatia)

### EDUCATION AND TRAINING

#### Doctor of Science

**Faculty of Chemistry and Technology** [ 02/2018 – 06/2024 ]

**City:** Split | **Country:** Croatia | **Field(s) of study:** Natural sciences, mathematics and statistics: • Chemistry | **Thesis:** Application of deep eutectic solvents in the extraction of plant bioactive components with the assessment of antiradical and antibacterial activity

#### Master of Food Science and Nutrition

**Faculty of Food Technology Osijek** [ 10/2014 – 09/2016 ]

**City:** Osijek | **Country:** Croatia | **Field(s) of study:** Engineering, manufacturing and construction: • Food processing | **Final grade:** Summa Cum Laude | **Thesis:** (2E)-10-hydroxydec-2-enoic acid in royal jelly as determined by liquid chromatography

#### First Degree of Food Technology (Baccalaureus/Baccalaurea)

**Faculty of Food Technology Osijek** [ 10/2011 – 10/2014 ]

**City:** Osijek | **Country:** Croatia | **Field(s) of study:** Engineering, manufacturing and construction: • Food processing | **Final grade:** Summa Cum Laude | **Thesis:** The history and prevention of food counterfeiting

### WORK EXPERIENCE

#### Senior Teaching Assistant

**Faculty of Food Technology Osijek** [ 07/2024 – Current ]

**City:** Osijek | **Country:** Croatia

#### Teaching Assistant

**Faculty of Food Technology Osijek** [ 10/2017 – 07/2024 ]

**City:** Osijek | **Country:** Croatia

#### Associate

**Faculty of Food Technology Osijek** [ 12/2016 – 10/2017 ]

**City:** Osijek | **Country:** Croatia

### STRUČNO OSPOSOBLJAVANJE

[ 10/03/2022 – 01/04/2022 ]

#### Erasmus+ scholarship

Professional training at the Chemistry Department of the University of Portugal in the field of development and characterization of deep eutectic solvents.

[ 01/02/2020 – 28/02/2020 ]

### **Erasmus+ scholarship**

Professional training at the Chemistry Department of the University of Portugal in the field of development and characterization of deep eutectic solvents.

[ 17/06/2021 – 14/07/2021 ]

### **CEEPUS scholarship**

Professional training at the Faculty of Technology in Novi Sad in the field of application of innovative plant material extraction techniques.

## **EDUKACIJE**

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[ 24/04/2024 – 26/04/2024 ]

### **Development, troubleshooting and validation of HPLC methods.**

[ 23/05/2022 – 27/05/2022 ]

### **The problem solving skills for doctoral students**

## **LANGUAGE SKILLS**

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**Mother tongue(s):** Hrvatski

**Other language(s):**

**Engleski**

**LISTENING B2 READING C1 WRITING C1**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## **COMMUNICATION AND INTERPERSONAL SKILLS**

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**Communication and interpersonal skills** Good communication skills and team spirit acquired during studies and membership in the Student Union and Faculty Council. Expressed ability to adapt to different generations and good communication skills acquired during many years of participation in science popularization events (Science Festival, Night of Science, Science in Passing, etc.).

## **BUSINESS SKILLS**

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### **Business skills**

Work in the laboratory.

Performing chromatographic analyses.

Search of professional literature.

## **DIGITAL SKILLS**

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MS Office (Word Excel PowerPoint) / Pretraživanje baza podataka

## **PUBLICATIONS**

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### **Participation in congresses**

She is the author and co-author of 39 presentations at national and international scientific meetings. The list can be found at the following link:

Link: [https://www.croris.hr/crosbi/searchByContext/2/34082?VRSTA\\_RAD=5](https://www.croris.hr/crosbi/searchByContext/2/34082?VRSTA_RAD=5)

### **Scientific papers and book chapters**

She is the author and co-author of 33 scientific papers and five book chapters. The list can be found at the following link:

Link: [https://www.croris.hr/crosbi/searchByContext/2/34082?VRSTA\\_RAD=4&VRSTA\\_RAD=3](https://www.croris.hr/crosbi/searchByContext/2/34082?VRSTA_RAD=4&VRSTA_RAD=3)

### **PROJECTS**

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[ 2018 – 2020 ]

**Separation of active compounds from food by-product – Cocoa Shell and formulation of powderous product**

[ 01/01/2018 – 31/12/2022 ]

**Green Technologies in Synthesis of Heterocyclic Compounds**

### **HONOURS AND AWARDS**

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**Honours and awards** Dean's Award for the best achievement in the academic year 2014/2015.

Dean's Award for the best achievement in the 2014/2015 generation.

Annual award of the Faculty of Food Technology Osijek for achievements in the field of scientific, teaching and professional work in 2018  
Annual award of the Faculty of Food Technology Osijek for achievements in the field of scientific, teaching and professional work in 2020

### **NETWORKS AND MEMBERSHIPS**

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[ 2024 – Current ]

**Association of former students and friends of the Faculty of Food Technology Osijek (TehnOS)**

[ 2019 – Current ]

**The Society of Chemists and Technologists Osijek**