

IRENA ŠKORIĆ, Scientific Personal Identification Number: 235422

Date and place of birth: August 15, 1972, Subotica (Serbia)

Affiliation: University of Zagreb, Faculty of Chemical Engineering and Technology, Croatia

Status: Vice-dean for Education, Associate Professor

Research fields: Organic Chemistry; Organic Synthetic and Mechanistic Photochemistry

Academic background:

- PhD in Chemistry, University of Zagreb, (2005).
- MSc in Chemistry, University of Zagreb, (2000).
- Degree in Chemical Technology, University of Zagreb, (1996).

Professional experience:

- Vice-dean for Education, University of Zagreb, Faculty of Chemical Engineering and Technology (2013-present)
- Associate professor, Faculty of Chemical Engineering and Technology, Department of Organic Chemistry (2011-present)
- Assistant professor, Faculty of Chemical Engineering and Technology, Department of Organic Chemistry (2007-2011)
- Postdoctoral fellowship, University of Pannonia, Faculty of Engineering, area: photochemistry and photophysics of selected polypyridine and porphyrin complexes
- Doctoral fellow, Research and Teaching Assistant, University of Zagreb, Faculty of Chemical Engineering and Technology, Department of Organic Chemistry (1996-2007).

Projects:

She was the collaborator on 3 national scientific projects financed by the MSES: 125-0982933-2926 „Heteropolycycles, scaffolds for bioactive molecules. Synthesis and Photochemistry“ (2007-2013; leader from 2011-2013), 0125004 (2002-2006) and 125004 (1996-2002). She was leader of bilateral Croatian-Hungarian project (2009-2011, „Photophysics and photochemistry of transition metal polypyridine and porphyrin complexes; their application in the photocatalytic oxygenation of selected heteropolycycles“; with University of Pannonia (Prof. OttóHorváth). Collaborator in the international project of the University of Pannonia (TÁMOP-4.2.2-8/1/2008-0018) in the frame of the subproject „Development of photocatalytic materials and procedures for degradation of organic pollutants and for utilization of solar energy“ (2010-2012) and collaborate in the international project of the University of Pannonia: „From the properties of the matter to its utilization – investigations establishing the utilization of natural raw materials and wastes“ (2013-) participating in the frame of the subproject „Catalytic reactions“. Since 2015, she is collaborator on PharmaFate project financed by Croatian science foundation.

Publications:

HIRSCH INDEX: 11 (July 2015, Scopus)

Times cited: 316 (July 2015, Scopus)

CC papers: 38 (36 in CC journals)

3 the most important publications in respectable peer-reviewed scientific journals

1. I. Škorić, I. Kikaš, M. Kovács, L. Fodor, Ž. Marinić, K. Molčanov, B. Kojić-Prodić, O. Horváth, Ottó, Synthesis, photochemistry and photophysics of butadienederivatives: influence of themethylgrouponthe molecular structure and photoinducedbehaviour, *Journal of organicchemistry* **76**(2011)8641-8657. IF=4.450, Q1, Times cited=6
2. I. Škorić, Irena; F. Pavošević, M. Vazdar, Ž. Marinić, M. Šindler-Kulyk, M. Eckert-Maksić, D. Margetić, Thermal reaction of [3,4]-benzo-8-substituted- 3Z,5Z,7E-octatetraenes and quantum-chemical study of the (8 π , 6 π)-electrocyclisation, *Organic& biomolecular chemistry* **9**(2011)6771-6778. IF=3.696, Q1, Times cited=10
3. I. Škorić, N. Basarić, Ž. Marinić, A. Višnjevac, B. Kojić-Prodić, M. Šindler-Kulyk, Synthesis and photochemistry of β,β' -di(2-furyl) substitutedo-divinylbenzenes. Intra- and/or intermolecular cycloaddition as aneffect of annelation, *Chemistry: A Europeanjournal*, **11**(2005)543-551. IF=4.907, Q1, Times cited=21