

DRAGANA VUK, Scientific Personal Identification Number: 268443

Date and place of birth: November 18, 1980, Slavonski Brod

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

Status: Posdoctorand

Research fields: Organic Chemistry; Synthesis and photochemistry of heterocyclic poliene systems

Academic background:

- PhD in Chemistry, University of Zagreb, (2010).
- Degree in Chemical Technology, University of Zagreb, (2004).

Professional experience:

- Posdoctorand, University of Zagreb, Faculty of Chemical Engineering and Technology, Department of Organic Chemistry (2010-present)
- Doctoral fellow, Research and Teaching Assistant, University of Zagreb, Faculty of Chemical Engineering and Technology, Department of Organic Chemistry (2005-2010)

Projects:

- Fate of pharmaceuticals in the environment and during advanced wastewater treatment (PharmaFate), 2015-2019, project participant
- 2 national scientific projects financed by the MSES: 125-0982933-2926: „Heteropolycycles, scaffolds for bioactive molecules. Synthesis and Photochemistry“ (2007-2013) and project 0125004 (2002-2006).

Publications

HIRSCH INDEX: 3 (July 2015, Scopus)

Times cited: 19 (July 2015, Scopus)

CC papers: 10

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

1. D. Vuk, Ž. Marinić, K. Molčanov, D. Margetić, I. Škorić, Thermal electrocyclization reactions II: benzoocatetraenes and benzodecapentaenes, *Tetrahedron* **70** (2014) 886-891. IF=2.803, Q2, Times cited=1
2. D. Vuk, Ž. Marinić, K. Molčanov, B. Kojić-Prodić, M. Šindler-Kulyk, Photochemical transformation of β,β' -dithienyl substituted o-divinylbenzenes leading to 1,2-dihydronaphthalenes or fused pentacyclic compounds: First evidence of electrocyclization process via 2,3-dihydronaphthalene intermediates, *Tetrahedron* **68**(2012) 6873-6880. IF=2.803, Q2, Times cited=4
3. D. Vidaković, I. Škorić, M. Horvat, Ž. Marinić, M. Šindler-Kulyk, Photobehaviour of 2- and 3-heteroaryl substituted o-divinylbenzenes; formation of fused 2,3- and 3,2-heteroareno-benzobicyclo[3.2.1]octadienes and 3-heteroaryl benzobicyclo[2.1.1]hexanes, *Tetrahedron* **64** (2008) 3928-3934. IF=2.803, Q2, Times cited=15