Recent publications:

V. Blažek Bregović, N. Basarić, K. Mlinarić-Majerski: "Anion binding with urea and thiourea derivatives", *Coord. Chem. Rev*. **2015**, *295*, 80-124.

V. Blažek Bregović, I. Halasz, N. Basarić, K. Mlinarić-Majerski: "Anthracene adamantylbisurea receptors: switching of anion binding by photocyclization", *Tetrahedron*, **2015**, *71*, 9321-9327.

M. Šekutor, S. Opačak, M. Alešković, K. Mlinarić-Majerski: "Synthesis and Anion Binding Properties of a Novel 1, 8-dipyrrolecarbazole Schiff-base", *Croatica Chem. Acta.* **2015**, *88*, 405-411.

M. Alešković, N. Basarić, N. Došlić, V. Tomišić, K. Mlinarić-Majerski "HSO4¯ sensing based on proton transfer in H-bonding complexes", *Supramol. Chem*. **2014**, *26*, 850-855.

M. Šekutor, K. Mlinarić-Majerski: "Adamantyl aminoguanidines as receptors for oxo-anions" *Tetrahedron lett*. **2014**, *55*, 6665-6670.

M. Šekutor, A. Štimac, K. Mlinarić-Majerski, R. Frkanec: "Syntheses and characterization of liposome-incorporated adamantyl aminoguanidines", *Org. Biomol. Chem*. **2014**, *12*, 6005-6013.

M. Alešković, N. Basarić, I. Halasz, X. Liang, W. Qin, K. Mlinarić-Majerski: "Aryl substituted adamantane-dipyrromethanes: Chromogenic and fluorescent anion sensors", *Tetrahedron* **2013**, *69*, 1725-1734.

V. Blažek, K. Molčanov, K. Mlinarić-Majerski, B. Kojić-Prodić, N. Basarić: "Adamantane bisurea derivatives: anion binding in the solution and in the solid state", *Tetrahedron* **2013**, *69*, 517-526

V. Blažek, K. Mlinarić-Majerski, W. Qin, N. Basarić: “Photophysical study of the aggregation of naphthyl- anthryl- and pyrenyl-adamantanebisurea derivatives”, *J. Photochem. Photobiol. A: Chem* **2012**, *229*, 1-10.