Презиме и име	**Пилиповић Ана**	**ISI**	**M**	**IF**
Ужа научна област	Фармација (Основне хемијске дисциплине)			

1.	Poša M, **Pilipović A,** Becarević M, Farkaš Z. pKa values of hyodeoxycholic and cholic acids in the binary mixed micelles sodium-hyodeoxycholate–Tween 40 and sodium-cholate–Tween 40: Thermodynamic stability of the micelle and the cooperative hydrogen bond formation with the steroid skeleton. Steroids. 2017;117:62-70.	185/286 (2016) 160/289 (2015)	23 (2016) 22 (2015)	2.282 (2016) 2.513 (2015)
2.	Bjedov S, Jakimov D, **Pilipovic A**, Posa M, Sakac M. Antitumor activity of newly synthesized oxo and ethylidene derivatives of bile acids and their amides and oxazolines. Steroids. 2017;120:19-25.	185/286 (2016) 160/289 (2015)	23 (2016) 22 (2015)	2.282 (2016) 2.513 (2015)
3.	Poša M, **Sebenji A.** Chemometric and conformational approach to analysis of aggregation capabilities in the set of bile salts of the allo and normal series. J Pharm Biomed Anal. 2016;121:316-24.	18/76	21	3,255
4.	Poša M, **Pilipović A**, Bjedov S, Obradović S, Tepavčević V, Sakač M. Parameters of micellization and hydrophobicity of sodium salts of 7- buthyl (butylidene) and 7-octyl (octylidene) derivatives of the cholic and the deoxycholic acid in a water solution: pattern recognition - linear hydrophobic congeneric groups. J Mol Liq. 2016;224:9-18.	42/145	21	3.648
5.	Cvejić J, Poša M, **Sebenji A**, Atanacković M. Comparison of solubilization capacity of resveratrol in sodium 3α,12α-dihydroxy-7-oxo-5β-cholanoate and sodium dodecyl sulfate. The Scientific World Journal. 2014, Article ID 265953, 7 pages, 2014. doi:10.1155/2014/265953	16/55 (2013)	21 (2013)	1.219 (2013)
6.	Poša M, Bjedov S, **Sebenji A,** Sakač M. Wittig reaction (with ethylidene triphenylphosphorane) of oxo-hydroxy derivatives of 5 beta-cholanic acid: Hydrophobicity, haemolytic potential and capacity of derived ethylidene derivatives for solubilisation of cholesterol. Steroids. 2014;86:16-25.	69/128	22	2.639
7.	Poša M, **Sebenji A.** Determination of number-average aggregation numbers of bile salts micelles with a special emphasis on their oxo derivatives - The effect of the steroid skeleton. Biochim Biophys Acta. 2014;1840(3):1072-82.	14/73	21	4.381
8.	Poša M, **Sebenji A,** Trifunović J. Influence of temperature on retention parameter of bile acids in normal phase thin-layer chromatography: the role of steroid skeleton. Acta Chim Slov. 2013;60(1):151-8.	110/148 (2013) 90/152 (2012)	23 (2013) 22 (2012)	0.810 (2013) 1.135 (2012)
9.	Poša M, **Pilipović A,** Lalić M, Popović J. Determination and importance of temperature dependence of retention coefficient (RPHPLC) in QSAR model of nitrazepams' partition coefficient in bile acid micelles. Talanta. 2011;83(5):1634-42.	12/73	21	3.794
10.	Poša M, **Pilipović A**, Lalić M. The influence of NaCl on hydrophobicity of selected, pharmacologically active bile acids expressed with chromatographic retention index and critical micellar concentration. Colloids Surf B Biointerfaces. 2010;81(1):336-43.	47/127	22	2.780
11.	Popović JK, Atanacković MT, **Pilipović AS**, Rapaić MR, Pilipović S, Atanacković TM. Remarks on the mass balance for multicompartmental models; a nonlinear compartmental model. J Pharmacokinet Pharmacodyn. 2010;37(2):217-20.	159/252 (2010) 133/235 (2009)	23 (2010) 22 (2009)	1.708 (2010) 2.055 (2009)
12.	Poša M, **Pilipović A**, Lalić M, Popović J. Hydrophobicity and retention coefficient of selected bile acid oxo derivatives. Acta Chim Slov. 2010;57(4):828-35.	79/147	22	1.011