

# Tijana Rakic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11340500/publications.pdf>

Version: 2024-02-01

19  
papers

313  
citations

1163117

8  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical Models and QSRR in Retention Modeling of Eight Aminopyridines. <i>Journal of Chromatographic Science</i> , 2015, 54, bmv165.	1.4	2
2	Chromatographic Analysis of Olopatadine in Hydrophilic Interaction Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 2015, 53, 680-686.	1.4	8
3	Quality by Design approach in the development of hydrophilic interaction liquid chromatographic method for the analysis of iohexol and its impurities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 110, 42-48.	2.8	21
4	Optimization of the Separation of Ephedrine, Pseudoephedrine, Phenylephrine, and Synephrine by Hydrophilic Interaction Liquid Chromatography Employing Experimental Design Methodology. <i>Instrumentation Science and Technology</i> , 2015, 43, 156-169.	1.8	6
5	Design of Experiments in Optimization and Validation of a Hydrophilic Interaction Liquid Chromatography Method for Determination of Amlodipine Besylate and Bisoprolol Fumarate. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 919-928.	1.0	13
6	Chaotropic salts in liquid chromatographic method development for the determination of pramipexole and its impurities following quality-by-design principles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 102, 314-320.	2.8	21
7	Retention mechanism assessment and method development for the analysis of iohexol and its related compounds in hydrophilic interaction liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4217-4232.	3.7	7
8	THEORETICAL AND EMPIRICAL MODELS IN HYDROPHILIC INTERACTION LIQUID CHROMATOGRAPHY. <i>Instrumentation Science and Technology</i> , 2014, 42, 230-266.	1.8	16
9	Comparison of Full Factorial Design, Central Composite Design, and Box-Behnken Design in Chromatographic Method Development for the Determination of Fluconazole and Its Impurities. <i>Analytical Letters</i> , 2014, 47, 1334-1347.	1.8	150
10	Chemometrically assisted optimization and validation of RP-HPLC method for the analysis of itraconazole and its impurities. <i>Acta Pharmaceutica</i> , 2013, 63, 159-173.	2.0	11
11	Multi-Level Robustness Evaluation Approach: From Robustness Criterion to Adapted Algorithm of Dong. <i>Chromatographia</i> , 2013, 76, 267-277.	1.3	1
12	Evaluation of Seven Chromatographic Response Functions on Simulated and Experimentally Obtained Chromatograms in Hydrophilic Interaction Liquid Chromatography System. <i>Analytical Letters</i> , 2013, 46, 1198-1212.	1.8	3
13	Five different columns in the analysis of basic drugs in hydrophilic interaction liquid chromatography. <i>Open Chemistry</i> , 2013, 11, 1150-1162.	1.9	5
14	Comparison of interpolation polynomials with divided differences, interpolation polynomials with finite differences, and quadratic functions obtained by the least squares method in modeling of chromatographic responses. <i>Journal of Chemometrics</i> , 2013, 27, 466-474.	1.3	1
15	Robust optimization of psychotropic drug mixture separation in hydrophilic interaction liquid chromatography. <i>Acta Chimica Slovenica</i> , 2013, 60, 411-5.	0.6	6
16	Improved chromatographic response function in HILIC analysis: Application to mixture of antidepressants. <i>Talanta</i> , 2012, 98, 54-61.	5.5	20
17	Assessment of $\beta$ -lactams retention in hydrophilic interaction chromatography applying Box-Behnken design. <i>Journal of Separation Science</i> , 2012, 35, 1424-1431.	2.5	11
18	Demasking large dummy effects approach in revealing important interactions in Plackett-Burman experimental design. <i>Journal of Chemometrics</i> , 2012, 26, 518-525.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Avoiding the False Negative Results in LC Method Robustness Testing by Modifications of the Algorithm of Dong and Dummy Factor Effects Approach. <i>Chromatographia</i> , 2012, 75, 397-401.	1.3	4