

# Ana ProtiÄ

## List of Publications by Year in descending order

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44  
papers

368  
citations

758635

12  
h-index

887659

17  
g-index

44  
all docs

44  
docs citations

44  
times ranked

389  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure-response relationship in electrospray ionization-mass spectrometry of sartans by artificial neural networks. <i>Journal of Chromatography A</i> , 2016, 1438, 123-132.	1.8	26
2	Study of forced degradation behavior of Eletriptan hydrobromide by LC and LC-MS and development of stability-indicating method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 622-629.	1.4	25
3	Application of Multicriteria Methodology in the Development of Improved RP-LC-DAD for Determination of Rizatriptan and Its Degradation Products. <i>Chromatographia</i> , 2008, 68, 911-918.	0.7	21
4	Quantitative structure-retention relationships applied to development of liquid chromatography gradient-elution method for the separation of sartans. <i>Talanta</i> , 2016, 150, 190-197.	2.9	20
5	Comparison of AQbD and grid point search methodology in the development of micellar HPLC method for the analysis of cilazapril and hydrochlorothiazide dosage form stability. <i>Microchemical Journal</i> , 2019, 145, 655-663.	2.3	20
6	Performance comparison of nonlinear and linear regression algorithms coupled with different attribute selection methods for quantitative structure - retention relationships modelling in micellar liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1623, 461146.	1.8	20
7	Multicriteria optimization methodology in development of HPLC separation of mycophenolic acid and mycophenolic acid glucuronide in human urine and plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 640-648.	1.4	18
8	Analytical quality by design development of an ecologically acceptable enantioselective HPLC method for timolol maleate enantiomeric purity testing on ovomucoid chiral stationary phase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 113034.	1.4	18
9	Quantitative structure-retention relationships of azole antifungal agents in reversed-phase high performance liquid chromatography. <i>Talanta</i> , 2012, 100, 329-337.	2.9	16
10	A new strategy for development of eco-friendly RP-HPLC method using Corona Charged Aerosol Detector and its application for simultaneous analysis of risperidone and its related impurities. <i>Microchemical Journal</i> , 2020, 153, 104394.	2.3	16
11	UPLC Method for Determination of Moxonidine and Its Degradation Products in Active Pharmaceutical Ingredient and Pharmaceutical Dosage Form. <i>Chromatographia</i> , 2014, 77, 109-118.	0.7	14
12	Quantitative structure retention relationship modeling in liquid chromatography method for separation of candesartan cilexetil and its degradation products. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 140, 92-101.	1.8	13
13	Quantitative structure-retention relationship modeling of selected antipsychotics and their impurities in green liquid chromatography using cyclodextrin mobile phases. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2533-2550.	1.9	13
14	Quantitative structure-property relationship modeling of polar analytes lacking UV chromophores to charged aerosol detector response. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2945-2959.	1.9	12
15	Development and validation of SPE-HPLC method for the determination of carbamazepine and its metabolites carbamazepine epoxide and carbamazepine trans-diol in plasma. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 1423-1436.	0.4	11
16	Chemometrically Assisted Development and Validation of LC for Simultaneous Determination of Carbamazepine and Its Impurities Iminostilbene and Iminodibenzyl in Solid Dosage Form. <i>Chromatographia</i> , 2009, 70, 1343-1351.	0.7	10
17	Multiobjective Optimization Approach in Evaluation of Chromatographic Behaviour of Zolpidem Tartrate and Its Degradation Products. <i>Chromatographia</i> , 2011, 74, 197-208.	0.7	9
18	Modified aqueous mobile phases: A way to improve retention behavior of active pharmaceutical compounds and their impurities in liquid chromatography. <i>Journal of Chromatography Open</i> , 2022, 2, 100023.	0.8	9

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19	Development and validation of reversed phase high performance liquid chromatographic method for determination of moxonidine in the presence of its impurities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 59, 151-156.	1.4	8
20	Chemometrically assisted RP-HPLC method development for efficient separation of ivabradine and its eleven impurities. <i>Acta Chromatographica</i> , 2020, 32, 53-63.	0.7	8
21	Charged aerosol detector response modeling for fatty acids based on experimental settings and molecular features: a machine learning approach. <i>Journal of Cheminformatics</i> , 2021, 13, 53.	2.8	8
22	FORCED DEGRADATION STUDY OF TORASEMIDE: CHARACTERIZATION OF ITS DEGRADATION PRODUCTS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 2082-2094.	0.5	6
23	Quantitative structure retention relationship modeling as potential tool in chromatographic determination of stability constants and thermodynamic parameters of $\beta$ -cyclodextrin complexation process. <i>Journal of Chromatography A</i> , 2020, 1619, 460971.	1.8	6
24	IMPURITY PROFILING OF MYCOPHENOLATE MOFETIL WITH THE ASSISTANCE OF DESIRABILITY FUNCTION IN METHOD DEVELOPMENT. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 1014-1035.	0.5	4
25	Chemometrically Assisted Development and Validation of LC-LIV and LC-MS Methods for Simultaneous Determination of Torasemide and its Impurities. <i>Journal of Chromatographic Science</i> , 2012, 50, 324-334.	0.7	4
26	Artificial neural networks modeling in ultra performance liquid chromatography method optimization of mycophenolate mofetil and its degradation products. <i>Journal of Chemometrics</i> , 2014, 28, 567-574.	0.7	4
27	Multicriteria Optimization Methodology in Stability-Indicating Method Development of Cilazapril and Hydrochlorothiazide. <i>Journal of Chromatographic Science</i> , 2017, 55, 625-637.	0.7	4
28	Simple and Efficient Solution for Robustness Testing in Gradient Elution Liquid Chromatographic Methods. <i>Chromatographia</i> , 2018, 81, 1135-1145.	0.7	4
29	Robust optimization of gradient RP HPLC method for simultaneous determination of ivabradine and its eleven related substances by AQBd approach. <i>Acta Chromatographica</i> , 2021, 34, 1-11.	0.7	4
30	Structural Elucidation of Unknown Oxidative Degradation Products of Mycophenolate Mofetil Using LC-MSn. <i>Chromatographia</i> , 2016, 79, 919-926.	0.7	3
31	Experimental design in HPLC separation of pharmaceuticals. <i>Arhiv Za Farmaciju</i> , 2021, 71, 279-301.	0.2	3
32	A comprehensive study on retention of selected model substances in $\beta$ -cyclodextrin-modified high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1645, 462120.	1.8	3
33	Optimization of chromatographic separation of aripiprazole and impurities: Quantitative structure-retention relationship approach. <i>Journal of the Serbian Chemical Society</i> , 2022, 87, 615-628.	0.4	3
34	Gradient Boosted Tree model: A fast track tool for predicting the Atmospheric Pressure Chemical Ionization-Mass Spectrometry signal of antipsychotics based on molecular features and experimental settings. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2022, 224, 104554.	1.8	2
35	Corona Charged Aerosol Detector in studying retention and $\beta$ -cyclodextrin complex stability using RP-HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 193, 113711.	1.4	1
36	PDA-CAD method for the determination of magnesium, pyridoxine and thiamine in a dietary supplement supported by analytical quality by design methodology. <i>Arhiv Za Farmaciju</i> , 2021, 71, 378-392.	0.2	1

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37	The application of ecologically acceptable concept in liquid chromatographic method development in drug analyses. Arhiv Za Farmaciju, 2015, 65, 178-190.	0.2	1
38	Molecular docking study on biomolecules isolated from endophytic fungi. Journal of the Serbian Chemical Society, 2021, 86, 125-137.	0.4	0
39	Generic Approach in a Gradient Elution HPLC Method Development that enables troubleshooting free method transfer. Journal of Pharmaceutical and Biomedical Analysis, 2021, 207, 114367.	1.4	0
40	Analysis of mycophenolic acid from saliva samples after its purification with the method of solidliquid extraction. Arhiv Za Farmaciju, 2014, 64, 247-260.	0.2	0
41	Monitoring of complex forming of the active pharmaceutical substance and $\beta$ -cyclodextrin as an additive of the mobile phase using mass spectrometry. Arhiv Za Farmaciju, 2016, 66, 147-160.	0.2	0
42	The potential of Corona Charged Aerosol Detector for investigation of telmisartan: B-cyclodextrin inclusion complexes. Arhiv Za Farmaciju, 2019, 69, 1-14.	0.2	0
43	Chemometric window to antimicrobial activity of biomolecules isolated from endophytic fungi. Arhiv Za Farmaciju, 2020, 70, 142-156.	0.2	0
44	Chaotropic effect of trifluoroacetic and perchloric acid on B-cyclodextrin inclusion complexation process with risperidone, olanzapine and their selected impurities. Arhiv Za Farmaciju, 2020, 70, 360-376.	0.2	0