Ana ProtiÄ

List of Publications by Year
in descending order

44 papers	368 citations	759233 12 h-index	888059 17 g-index
44 all docs	44 docs citations	44 times ranked	389 citing authors

#	Article	IF	Citations
1	Structureâ€“response relationship in electrospray ionization-mass spectrometry of sartans by artificial neural networks. Journal of Chromatography A, 2016, 1438, 123-132.	3.7	26
2	Study of forced degradation behavior of Eletriptan hydrobromide by LC and LCâ€“MS and development of stability-indicating method. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 622-629.	2.8	25
3	Application of Multicriteria Methodology in the Development of Improved RP-LC-DAD for Determination of Rizatriptan and Its Degradation Products. Chromatographia, 2008, 68, 911-918.	1.3	21
4	Quantitative structureâ€“retention relationships applied to development of liquid chromatography gradient-elution method for the separation of sartans. Talanta, 2016, 150, 190-197.	5.5	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. Microchemical Journal, 2019, 145, 655-663.	4.5	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. Journal of Chromatography A, 2020, 1623, 461146.	3.7	20
7	Multicriteria optimization methodology in development of HPLC separation of mycophenolic acid and mycophenolic acid glucuronide in human urine and plasma. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 640-648.	2.8	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. Journal of Pharmaceutical and Biomedical Analysis, 2020, 180, 113034.	2.8	18
9	Quantitative structureâ€“retention relationships of azole antifungal agents in reversed-phase high performance liquid chromatography. Talanta, 2012, 100, 329-337.	5.5	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. Microchemical Journal, 2020, 153, 104394.	4.5	16
11	UPLC Method for Determination of Moxonidine and Its Degradation Products in Active Pharmaceutical Ingredient and Pharmaceutical Dosage Form. Chromatographia, 2014, 77, 109-118.	1.3	14
12	Quantitative structure retention relationship modeling in liquid chromatography method for separation of candesartan cilexetil and its degradation products. Chemometrics and Intelligent Laboratory Systems, 2015, 140, 92-101.	3.5	13
13	Quantitative structure â€“retention relationship modeling of selected antipsychotics and their impurities in green liquid chromatography using cyclodextrin mobile phases. Analytical and Bioanalytical Chemistry, 2018, 410, 2533-2550.	3.7	13
14	Quantitative structure-property relationship modeling of polar analytes lacking UV chromophores to charged aerosol detector response. Analytical and Bioanalytical Chemistry, 2019, 411, 2945-2959.	3.7	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. Journal of the Serbian Chemical Society, 2012, 77, 1423-1436.	0.8	11
16	Chemometrically Assisted Development and Validation of LC for Simultaneous Determination of Carbamazepine and Its Impurities Iminostilbene and Iminodibenzyl in Solid Dosage Form. Chromatographia, 2009, 70, 1343-1351.	1.3	10
17	Multiobjective Optimization Approach in Evaluation of Chromatographic Behaviour of Zolpidem Tartrate and Its Degradation Products. Chromatographia, 2011, 74, 197-208.	1.3	9
18	Modified aqueous mobile phases: A way to improve retention behavior of active pharmaceutical compounds and their impurities in liquid chromatography. Journal of Chromatography Open, 2022, 2, 100023.	2.2	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. Journal of Pharmaceutical and Biomedical Analysis, 2012, 59, 151-156.	2.8	8
20	Chemometrically assisted RP-HPLC method development for efficient separation of ivabradine and its eleven impurities. Acta Chromatographica, 2020, 32, 53-63.	1.3	8
21	Charged aerosol detector response modeling for fatty acids based on experimental settings and molecular features: a machine learning approach. Journal of Cheminformatics, 2021, 13, 53.	6.1	8
22	FORCED DEGRADATION STUDY OF TORASEMIDE: CHARACTERIZATION OF ITS DEGRADATION PRODUCTS. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 2082-2094.	1.0	6
23	Quantitative structure retention relationship modeling as potential tool in chromatographic determination of stability constants and thermodynamic parameters of Î²-cyclodextrin complexation process. Journal of Chromatography A, 2020, 1619, 460971.	3.7	6
24	IMPURITY PROFILING OF MYCOPHENOLATE MOFETIL WITH THE ASSISSTANCE OF DESIRABILITY FUNCTION IN METHOD DEVELOPMENT. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 1014-1035.	1.0	4
25	Chemometrically Assisted Development and Validation of LC-UV and LC-MS Methods for Simultaneous Determination of Torasemide and its Impurities. Journal of Chromatographic Science, 2012, 50, 324-334.	1.4	4
26	Artificial neural networks modeling in ultra performance liquid chromatography method optimization of mycophenolate mofetil and its degradation products. Journal of Chemometrics, 2014, 28, 567-574.	1.3	4
27	Multicriteria Optimization Methodology in Stability-Indicating Method Development of Cilazapril and Hydrochlorothiazide. Journal of Chromatographic Science, 2017, 55, 625-637.	1.4	4
28	Simple and Efficient Solution for Robustness Testing in Gradient Elution Liquid Chromatographic Methods. Chromatographia, 2018, 81, 1135-1145.	1.3	4
29	Robust optimization of gradient RP HPLC method for simultaneous determination of ivabradine and its eleven related substances by AQbD approach. Acta Chromatographica, 2021, 34, 1-11.	1.3	4
30	Structural Elucidation of Unknown Oxidative Degradation Products of Mycophenolate Mofetil Using LC-MSn. Chromatographia, 2016, 79, 919-926.	1.3	3
31	Experimental design in HPLC separation of pharmaceuticals. Arhiv Za Farmaciju, 2021, 71, 279-301.	0.5	3
32	A comprehensive study on retention of selected model substances in Î²-cyclodextrin-modified high performance liquid chromatography. Journal of Chromatography A, 2021, 1645, 462120.	3.7	3
33	Optimization of chromatographic separation of aripiprazole and impurities: Quantitative structure-retention relationship approach. Journal of the Serbian Chemical Society, 2022, 87, 615-628.	0.8	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. Chemometrics and Intelligent Laboratory Systems, 2022, 224, 104554.	3.5	2
35	Corona Charged Aerosol Detector in studying retention and Î²-cyclodextrin complex stability using RP-HPLC. Journal of Pharmaceutical and Biomedical Analysis, 2021, 193, 113711.	2.8	1
36	PDA-CAD method for the determination of magnesium, pyridoxine and thiamine in a dietary supplement supported by analytical quality by design methodology. Arhiv Za Farmaciju, 2021, 71, 378-392.	0.5	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.	0.5	1
38	Molecular docking study on biomolecules isolated from endophytic fungi. Journal of the Serbian Chemical Society, 2021, 86, 125-137.	0.8	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.	2.8	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.	0.5	0
41	Monitoring of complex forming of the active pharmaceutical substance and Î²-cyclodextrin as an additive of the mobile phase using mass spectrometry. Arhiv Za Farmaciju, 2016, 66, 147-160.	0.5	0
42	The potential of Corona Charged Aerosol Detector for investigation of telmisartan: B-cyclodextrin inclusion complexes. Arhiv Za Farmaciju, 2019, 69, 1-14.	0.5	0
43	Chemometric window to antimicrobial activity of biomolecules isolated from endophytic fungi. Arhiv Za Farmaciju, 2020, 70, 142-156.	0.5	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.	0.5	0