

# Ludmila Matysova

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27 papers	721 citations	11 h-index	26 g-index
27 ext. papers	774 ext. citations	3.9 avg, IF	3.53 L-index

#	Paper	IF	Citations
27	Terbinafine-loaded branched PLGA-based cationic nanoparticles with modifiable properties. <i>Pharmaceutical Development and Technology</i> , <b>2019</b> , 24, 1308-1316	3.4	3
26	Fast determination of omeprazole in extemporaneous suspensions used in paediatrics and stability studies. <i>Analytical Methods</i> , <b>2019</b> , 11, 517-523	3.2	2
25	Determination of urinary retinol and creatinine as an early sensitive marker of renal dysfunction. <i>Journal of Chromatography A</i> , <b>2019</b> , 1607, 460390	4.5	3
24	Furosemide ethanol-free oral solutions for paediatric use: formulation, HPLC method and stability study. <i>European Journal of Hospital Pharmacy</i> , <b>2018</b> , 25, 144-149	1.6	6
23	Could urinary retinol be used as a new biomarker of kidney damage?. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2017</b> , 95, 57-61	14.6	2
22	Omeprazole suspension 2 mg/ml - a new dosage form for pediatric use. <i>Praktická Farmacie</i> , <b>2017</b> , 13, 18-20	0.1	1
21	Extemporaneous sotalol hydrochloride oral solutions for use in paediatric cardiology: formulation and stability study. <i>European Journal of Hospital Pharmacy</i> , <b>2016</b> , 23, 33-37	1.6	3
20	Development of a gradient HPLC method for the simultaneous determination of sotalol and sorbate in oral liquid preparations using solid core stationary phase. <i>Journal of Analytical Methods in Chemistry</i> , <b>2015</b> , 2015, 806736	2	5
19	Simultaneous Determination of Propranolol Hydrochloride and Sodium Benzoate in Oral Liquid Preparations by HPLC. <i>Chromatographia</i> , <b>2013</b> , 76, 1553-1558	2.1	9
18	Development of Novel Stability-Indicating Method for the Determination of Dimethindene Maleate and Its Impurities. <i>Chromatographia</i> , <b>2013</b> , 76, 1545-1551	2.1	2
17	High-resolution monolithic columns--a new tool for effective and quick separation. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 2255-63	4.4	14
16	Chromatographic determination of active compounds in topical formulations. <i>Analytical Methods</i> , <b>2012</b> , 4, 1525	3.2	1
15	Optimisation of an HPLC method for the simultaneous determination of pyrantel pamoate, praziquantel, fenbendazole, oxfendazole and butylhydroxyanisole using a phenyl stationary phase. <i>Analytical Methods</i> , <b>2012</b> , 4, 1592	3.2	11
14	Application of monolithic columns in pharmaceutical analysis. Determination of indomethacin and its degradation products. <i>Journal of Separation Science</i> , <b>2009</b> , 32, 2786-92	3.4	10
13	Application of HILIC stationary phase to determination of dimethindene maleate in topical gel. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2009</b> , 50, 23-6	3.5	8
12	Advantages of pentafluorophenylpropyl stationary phase over conventional C18 stationary phase--application to analysis of triamcinolone acetonide. <i>Talanta</i> , <b>2008</b> , 76, 597-601	6.2	11
11	HPLC determination of chlorhexidine gluconate and p-chloroaniline in topical ointment. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2007</b> , 43, 1169-73	3.5	26

10	Development and validation of HPLC method for determination of clotrimazole and its two degradation products in spray formulation. <i>Talanta</i> , <b>2007</b> , 73, 483-9	6.2	22
9	Separation and determination of terbinafine and its four impurities of similar structure using simple RP-HPLC method. <i>Talanta</i> , <b>2006</b> , 68, 713-20	6.2	18
8	Advantages of application of UPLC in pharmaceutical analysis. <i>Talanta</i> , <b>2006</b> , 68, 908-18	6.2	339
7	Determination of estradiol and its degradation products by liquid chromatography. <i>Journal of Chromatography A</i> , <b>2006</b> , 1119, 216-23	4.5	42
6	HPLC determination of calcium pantothenate and two preservatives in topical cream. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2006</b> , 41, 671-5	3.5	6
5	Development and validation of HPLC method for determination of indomethacin and its two degradation products in topical gel. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 37, 899-905	3.5	31
4	HPLC determination of estradiol, its degradation product, and preservatives in new topical formulation Estrogel HBF. <i>Analytical and Bioanalytical Chemistry</i> , <b>2004</b> , 379, 781-7	4.4	36
3	Simultaneous HPLC determination of ketoprofen and its degradation products in the presence of preservatives in pharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2004</b> , 36, 625-9	3.5	43
2	Comparison of performance of C18 monolithic rod columns and conventional C18 particle-packed columns in liquid chromatographic determination of Estrogel and Ketoprofen gel. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2004</b> , 813, 191-7	3.2	41
1	Determination of methylparaben, propylparaben, triamcinolone acetonide and its degradation product in a topical cream by RP-HPLC. <i>Analytical and Bioanalytical Chemistry</i> , <b>2003</b> , 376, 440-3	4.4	26