

Dorota Kowalczyk

List of Publications by Year in descending order

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34
papers

421
citations

933447

10
h-index

752698

20
g-index

34
all docs

34
docs citations

34
times ranked

579
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of FTIR Method for the Assessment of Immobilization of Active Substances in the Matrix of Biomedical Materials. <i>Materials</i> , 2019, 12, 2972.	2.9	110
2	Characterization of the developed antimicrobial urological catheters. <i>International Journal of Pharmaceutics</i> , 2010, 402, 175-183.	5.2	49
3	Prevention of biofilm formation on urinary catheters: Comparison of the sparfloxacin-treated long-term antimicrobial catheters with silver-coated ones. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 1874-1882.	3.4	34
4	A chemical method of gentamicin bonding to gelatine-sealed prosthetic vascular grafts. <i>International Journal of Pharmaceutics</i> , 2005, 288, 131-140.	5.2	33
5	Novel thiosemicarbazide derivatives with 4-nitrophenyl group as multi-target drugs: α -glucosidase inhibitors with antibacterial and antiproliferative activity. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 1269-1276.	5.6	25
6	Covalent coating of hydroxyapatite by keratin stabilizes gentamicin release. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 89B, 102-113.	3.4	24
7	Amikacin-loaded vascular prosthesis as an effective drug carrier. <i>International Journal of Pharmaceutics</i> , 2007, 339, 39-46.	5.2	19
8	Characterization of Ciprofloxacin-Bismuth-Loaded Antibacterial Wound Dressing. <i>Molecules</i> , 2020, 25, 5096.	3.8	17
9	Normal- and reversed-phase thin-layer chromatography of seven oral antidiabetic agents. <i>Journal of Planar Chromatography - Modern TLC</i> , 2003, 16, 271-275.	1.2	16
10	The cytotoxicity assessment of the novel latex urinary catheter with prolonged antimicrobial activity. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 98A, 222-228.	4.0	16
11	Application of videodensitometric and classical densitometric HPTLC for quantification of fluoroquinolone derivatives in pure and tablet forms. <i>Journal of Planar Chromatography - Modern TLC</i> , 2002, 15, 345-348.	1.2	9
12	Biological safety evaluation of the modified urinary catheter. <i>Materials Science and Engineering C</i> , 2015, 49, 274-280.	7.3	8
13	Spectroscopic Study of the Molecular Structure of the New Hybrid with a Potential Two-Way Antibacterial Effect. <i>Molecules</i> , 2021, 26, 1442.	3.8	7
14	FTIR Characterization of the Development of Antimicrobial Catheter Coatings Loaded with Fluoroquinolones. <i>Coatings</i> , 2020, 10, 818.	2.6	6
15	Topical Photodynamic Therapy with Different Forms of 5-Aminolevulinic Acid in the Treatment of Actinic Keratosis. <i>Pharmaceutics</i> , 2022, 14, 346.	4.5	6
16	Simultaneous Separation of 14 Antiarrhythmic Drugs and Determination of Mexiletine and Flecainide by Capillary Zone Electrophoresis. <i>Journal of AOAC INTERNATIONAL</i> , 2007, 90, 977-986.	1.5	5
17	Normal-phase TLC separation of some antiarrhythmics. Densitometric determination of mexiletine hydrochloride in capsules. <i>Journal of Planar Chromatography - Modern TLC</i> , 2004, 17, 213-217.	1.2	4
18	Application of Derivative Spectrophotometry for Simultaneous Determination of Quinapril and Hydrochlorothiazide in the Combination Tablets. <i>Journal of AOAC INTERNATIONAL</i> , 2004, 87, 847-851.	1.5	4

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19	Separation of fluoroquinolone antibiotics by TLC on silica gel, cellulose and silanized layers. Journal of Planar Chromatography - Modern TLC, 2006, 19, 216-222.	1.2	4
20	Synthesis and structural study of some N-acyl-4-allylsemicarbazides and the product of their cyclization with a potential antimicrobial activity. Journal of Molecular Structure, 2020, 1219, 128552.	3.6	4
21	Simultaneous densitometric determination of quinapril and hydrochlorothiazide in the combination tablets. Journal of Planar Chromatography - Modern TLC, 2003, 16, 196-200.	1.2	3
22	Determination of Nifedipine in Serum of Women in Preterm Labor by High-Performance Liquid Chromatography with Diode Array Detection. Journal of AOAC INTERNATIONAL, 2006, 89, 71-77.	1.5	3
23	VALIDATED STABILITY-INDICATING HPTLC METHOD FOR THE DETERMINATION OF PROPAFENONE HYDROCHLORIDE IN TABLETS AND THE GC-MS IDENTIFICATION OF ITS DEGRADATION PRODUCTS. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2942-2955.	1.0	3
24	Determination of Fleroxacin in Pure and Tablet Forms by Liquid Chromatography and Derivative UV-Spectrophotometry. Journal of AOAC INTERNATIONAL, 2003, 86, 229-235.	1.5	2
25	Determination of nitrendipine in tablets by HPTLC-densitometry. Journal of Planar Chromatography - Modern TLC, 2006, 19, 135-138.	1.2	2
26	Simultaneous high-performance thin-layer chromatography densitometric assay of trandolapril and verapamil in the combination preparation. Journal of AOAC INTERNATIONAL, 2005, 88, 1525-9.	1.5	2
27	Polymer microspheres modified with pyrazole derivatives as potential agents in anticancer therapy – preliminary studies. Bioorganic Chemistry, 2022, 123, 105765.	4.1	2
28	RP-TLC separation of antiarrhythmic drugs. Densitometric analysis of flecainide in tablets. Journal of Planar Chromatography - Modern TLC, 2010, 23, 65-69.	1.2	1
29	Development and validation of the HPLC method for varenicline determination in pharmaceutical preparation. Current Issues in Pharmacy and Medical Sciences, 2017, 30, 142-146.	0.4	1
30	Application of derivative spectrophotometry for simultaneous determination of quinapril and hydrochlorothiazide in the combination tablets. Journal of AOAC INTERNATIONAL, 2004, 87, 847-51.	1.5	1
31	Determination of nifedipine in serum of women in preterm labor by high-performance liquid chromatography with diode array detection. Journal of AOAC INTERNATIONAL, 2006, 89, 71-7.	1.5	1
32	Application of sHS/GC-MS method for the identification of paracetamol impurities in the selected pharmaceutical formulations. Current Issues in Pharmacy and Medical Sciences, 2012, 25, 303-305.	0.4	0
33	Comparison of fluconazole release from hydrogels with Syntalen MP and Syntalen KP and from hydrophilic cream. Current Issues in Pharmacy and Medical Sciences, 2013, 26, 189-192.	0.4	0
34	Determination of fleroxacin in pure and tablet forms by liquid chromatography and derivative UV-spectrophotometry. Journal of AOAC INTERNATIONAL, 2003, 86, 229-35.	1.5	0