

# Dorota Kowalczyk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1176993/publications.pdf>

Version: 2024-02-01

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  | 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         |
| 2  | Polymer microspheres modified with pyrazole derivatives as potential agents in anticancer therapy – preliminary studies. <i>Bioorganic Chemistry</i> , 2022, 123, 105765.  | 4.1 | 2         |
| 3  | 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         |
| 4  | Characterization of Ciprofloxacin-Bismuth-Loaded Antibacterial Wound Dressing. <i>Molecules</i> , 2020, 25, 5096.  | 3.8 | 17        |
| 5  | FTIR Characterization of the Development of Antimicrobial Catheter Coatings Loaded with Fluoroquinolones. <i>Coatings</i> , 2020, 10, 818.   | 2.6 | 6         |
| 6  | Synthesis and structural study of some N-acyl-4-allylsemicarbazides and the product of their cyclization with a potential antimicrobial activity. <i>Journal of Molecular Structure</i> , 2020, 1219, 128552.  | 3.6 | 4         |
| 7  | 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       |
| 8  | Novel thiosemicarbazide derivatives with 4-nitrophenyl group as multi-target drugs: $\alpha$ -glucosidase inhibitors with antibacterial and antiproliferative activity. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 1269-1276.                          | 5.6 | 25        |
| 9  | Development and validation of the HPLC method for varenicline determination in pharmaceutical preparation. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2017, 30, 142-146.   | 0.4 | 1         |
| 10 | Biological safety evaluation of the modified urinary catheter. <i>Materials Science and Engineering C</i> , 2015, 49, 274-280.   | 7.3 | 8         |
| 11 | VALIDATED STABILITY-INDICATING HPTLC METHOD FOR THE DETERMINATION OF PROPAFENONE HYDROCHLORIDE IN TABLETS AND THE GC-MS IDENTIFICATION OF ITS DEGRADATION PRODUCTS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2942-2955.    | 1.0 | 3         |
| 12 | Comparison of fluconazole release from hydrogels with Syntalen MP and Syntalen KP and from hydrophilic cream. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2013, 26, 189-192.  | 0.4 | 0         |
| 13 | 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        |
| 14 | Application of sHS/GC-MS method for the identification of paracetamol impurities in the selected pharmaceutical formulations. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2012, 25, 303-305.  | 0.4 | 0         |
| 15 | 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        |
| 16 | RP-TLC separation of antiarrhythmic drugs. Densitometric analysis of flecainide in tablets. <i>Journal of Planar Chromatography - Modern TLC</i> , 2010, 23, 65-69.  | 1.2 | 1         |
| 17 | Characterization of the developed antimicrobial urological catheters. <i>International Journal of Pharmaceutics</i> , 2010, 402, 175-183.  | 5.2 | 49        |
| 18 | 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        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | 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         |
| 20 | Amikacin-loaded vascular prosthesis as an effective drug carrier. <i>International Journal of Pharmaceutics</i> , 2007, 339, 39-46.   | 5.2 | 19        |
| 21 | Separation of fluoroquinolone antibiotics by TLC on silica gel, cellulose and silanized layers. <i>Journal of Planar Chromatography - Modern TLC</i> , 2006, 19, 216-222.   | 1.2 | 4         |
| 22 | Determination of Nifedipine in Serum of Women in Preterm Labor by High-Performance Liquid Chromatography with Diode Array Detection. <i>Journal of AOAC INTERNATIONAL</i> , 2006, 89, 71-77.                              | 1.5 | 3         |
| 23 | Determination of nitrendipine in tablets by HPTLC-densitometry. <i>Journal of Planar Chromatography - Modern TLC</i> , 2006, 19, 135-138.   | 1.2 | 2         |
| 24 | Determination of nifedipine in serum of women in preterm labor by high-performance liquid chromatography with diode array detection. <i>Journal of AOAC INTERNATIONAL</i> , 2006, 89, 71-7.                               | 1.5 | 1         |
| 25 | 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        |
| 26 | Simultaneous high-performance thin-layer chromatography densitometric assay of trandolapril and verapamil in the combination preparation. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 1525-9.                        | 1.5 | 2         |
| 27 | 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         |
| 28 | 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         |
| 29 | Application of derivative spectrophotometry for simultaneous determination of quinapril and hydrochlorothiazide in the combination tablets. <i>Journal of AOAC INTERNATIONAL</i> , 2004, 87, 847-51.                      | 1.5 | 1         |
| 30 | 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        |
| 31 | Determination of Fleroxacin in Pure and Tablet Forms by Liquid Chromatography and Derivative UV-Spectrophotometry. <i>Journal of AOAC INTERNATIONAL</i> , 2003, 86, 229-235.  | 1.5 | 2         |
| 32 | Simultaneous densitometric determination of quinapril and hydrochlorothiazide in the combination tablets. <i>Journal of Planar Chromatography - Modern TLC</i> , 2003, 16, 196-200.                                       | 1.2 | 3         |
| 33 | Determination of fleroxacin in pure and tablet forms by liquid chromatography and derivative UV-spectrophotometry. <i>Journal of AOAC INTERNATIONAL</i> , 2003, 86, 229-35.   | 1.5 | 0         |
| 34 | 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         |