

# Aura Rusu

## List of Publications by Citations

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34  
papers

417  
citations

11  
h-index

18  
g-index

41  
ext. papers

548  
ext. citations

2.8  
avg, IF

4.02  
L-index

#	Paper	IF	Citations
34	Fluoroquinolone pollution of food, water and soil, and bacterial resistance. <i>Environmental Chemistry Letters</i> , <b>2015</b> , 13, 21-36	13.3	50
33	Triprotic site-specific acid-base equilibria and related properties of fluoroquinolone antibacterials. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 66, 50-7	3.5	35
32	Principles of micellar electrokinetic capillary chromatography applied in pharmaceutical analysis. <i>Advanced Pharmaceutical Bulletin</i> , <b>2013</b> , 3, 1-8	4.5	35
31	Equilibrium and structural characterization of ofloxacin $\beta$ -cyclodextrin complexation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2013</b> , 77, 291-300	1.7	24
30	Development perspectives of silver complexes with antibacterial quinolones: Successful or not?. <i>Journal of Organometallic Chemistry</i> , <b>2017</b> , 839, 19-30	2.3	21
29	Equilibrium, structural and antibacterial characterization of moxifloxacin- $\beta$ -cyclodextrin complex. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1166, 228-236	3.4	20
28	Enantioselective analysis of fluoxetine in pharmaceutical formulations by capillary zone electrophoresis. <i>Saudi Pharmaceutical Journal</i> , <b>2017</b> , 25, 397-403	4.4	19
27	Chiral Separation of the Enantiomers of Omeprazole and Pantoprazole by Capillary Electrophoresis. <i>Chromatographia</i> , <b>2015</b> , 78, 279-284	2.1	17
26	Recent Advances Regarding the Therapeutic Potential of Adapalene. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	14
25	Development of a capillary electrophoresis method for the simultaneous determination of cephalosporins. <i>Journal of the Serbian Chemical Society</i> , <b>2013</b> , 78, 1413-1423	0.9	12
24	New silver complexes with levofloxacin: Synthesis, characterization and microbiological studies. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1123, 384-393	3.4	11
23	Capillary electrophoresis in the enantioseparation of modern antidepressants: An overview. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4335	1.7	11
22	Study of the Electrophoretic Behavior of Cephalosporins by Capillary Zone Electrophoresis. <i>Advanced Pharmaceutical Bulletin</i> , <b>2015</b> , 5, 223-9	4.5	11
21	Analytical methodologies for the stereoselective determination of fluoxetine: An overview. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4040	1.7	10
20	Simultaneous separation of ciprofloxacin, norfloxacin and ofloxacin by micellar electrokinetic chromatography. <i>Journal of the Brazilian Chemical Society</i> , <b>2012</b> , 23, 1889-1894	1.5	10
19	Silver-Deposited Nanoparticles on the Titanium Nanotubes Surface as a Promising Antibacterial Material into Implants. <i>Metals</i> , <b>2021</b> , 11, 92	2.3	10
18	The Development of Third-Generation Tetracycline Antibiotics and New Perspectives.. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	10

17	Thin layer chromatographic analysis of Beta-lactam antibiotics. <i>Advanced Pharmaceutical Bulletin</i> , <b>2013</b> , 3, 367-71	4.5	8
16	Structural Characterization of the Millennial Antibacterial (Fluoro)Quinolones-Shaping the Fifth Generation. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	8
15	Separation and determination of quinolone antibacterials by capillary electrophoresis. <i>Journal of Chromatographic Science</i> , <b>2014</b> , 52, 919-25	1.4	6
14	Analytical methodologies for the enantiomer determination of citalopram and its metabolites. <i>Chirality</i> , <b>2020</b> , 32, 32-41	2.1	6
13	Glutamate - A multifaceted molecule: Endogenous neurotransmitter, controversial food additive, design compound for anti-cancer drugs. A critical appraisal. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 153, 112290	4.7	6
12	CAPTISOL <sup>®</sup> AS CHIRAL SELECTOR IN CAPILLARY ELECTROPHORESIS OF NON-ACIDIC DRUGS. <i>Journal of the Chilean Chemical Society</i> , <b>2017</b> , 62, 3566-3571	2.5	5
11	A Review on Plant-Mediated Synthesis of Bimetallic Nanoparticles, Characterisation and Their Biological Applications.. <i>Materials</i> , <b>2021</b> , 14,	3.5	5
10	DSC and FT-IR Analysis for the Formulation of Dermal Films with Meloxicam in Bioadhesive Polymeric Matrices. <i>Revista De Chimie (discontinued)</i> , <b>2019</b> , 69, 3692-3697	1.8	5
9	SOTALOL CHIRAL SEPARATION BY CAPILLARY ELECTROPHORESIS. <i>Journal of the Chilean Chemical Society</i> , <b>2014</b> , 59, 2559-2562	2.5	5
8	Development of Dermal Films Containing Miconazole Nitrate. <i>Molecules</i> , <b>2018</b> , 23,	4.8	3
7	CHIRAL SEPARATION OF CETIRIZINE ENANTIOMERS BY CYCLODEXTRIN MEDIATED CAPILLARY ELECTROPHORESIS. <i>Indonesian Journal of Pharmacy</i> , <b>2014</b> , 25, 223	1	3
6	Chiral discrimination of amlodipine from pharmaceutical products using capillary electrophoresis. <i>Brazilian Journal of Pharmaceutical Sciences</i> , <b>56</b> ,	1.8	3
5	Letrozole Determination by Capillary Zone Electrophoresis and UV Spectrophotometry Methods. <i>Acta Marisensis - Seria Medica</i> , <b>2017</b> , 63, 80-86	0.5	2
4	Determination of letrozole, anastrozole and exemestane by capillary zone electrophoresis. <i>Studia Universitatis Babeş-Bolyai Chemia</i> , <b>2017</b> , 62, 251-264	1	2
3	Simultaneous determination of loratadine, desloratadine and cetirizine by capillary zone electrophoresis. <i>Advanced Pharmaceutical Bulletin</i> , <b>2014</b> , 4, 161-5	4.5	1
2	Development of a Capillary Electrophoresis Method for the Separation of Fluoroquinolone Derivatives in Acidic Background Electrolyte. <i>Acta Marisensis - Seria Medica</i> , <b>2014</b> , 60, 109-115	0.5	
1	Essential Guide of Analysis Methods Applied to Silver Complexes with Antibacterial Quinolones. <i>Advanced Pharmaceutical Bulletin</i> , <b>2018</b> , 8, 181-189	4.5	