

# Aura Rusu

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

747  
citations

516215

16  
h-index

552369

26  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1060  
citing authors

#	ARTICLE	IF	CITATIONS
1	Principles of micellar electrokinetic capillary chromatography applied in pharmaceutical analysis. <i>Advanced Pharmaceutical Bulletin</i> , 2013, 3, 1-8.	0.6	102
2	Fluoroquinolone pollution of food, water and soil, and bacterial resistance. <i>Environmental Chemistry Letters</i> , 2015, 13, 21-36.	8.3	69
3	The Development of Third-Generation Tetracycline Antibiotics and New Perspectives. <i>Pharmaceutics</i> , 2021, 13, 2085.	2.0	55
4	Triprotic site-specific acidâ€“base equilibria and related properties of fluoroquinolone antibacterials. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 66, 50-57.	1.4	41
5	Chirality of Modern Antidepressants: An Overview. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 495-500.	0.6	38
6	A Review on Plant-Mediated Synthesis of Bimetallic Nanoparticles, Characterisation and Their Biological Applications. <i>Materials</i> , 2021, 14, 7677.	1.3	37
7	Recent Advances Regarding the Therapeutic Potential of Adapalene. <i>Pharmaceutics</i> , 2020, 13, 217.	1.7	35
8	Equilibrium, structural and antibacterial characterization of moxifloxacin-Î²-cyclodextrin complex. <i>Journal of Molecular Structure</i> , 2018, 1166, 228-236.	1.8	30
9	Equilibrium and structural characterization of ofloxacinâ€“cyclodextrin complexation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 77, 291-300.	0.9	28
10	Enantioselective analysis of fluoxetine in pharmaceutical formulations by capillary zone electrophoresis. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 397-403.	1.2	27
11	Development perspectives of silver complexes with antibacterial quinolones: Successful or not?. <i>Journal of Organometallic Chemistry</i> , 2017, 839, 19-30.	0.8	24
12	Structural Characterization of the Millennial Antibacterial (Fluoro)Quinolonesâ€“Shaping the Fifth Generation. <i>Pharmaceutics</i> , 2021, 13, 1289.	2.0	24
13	Silver-Deposited Nanoparticles on the Titanium Nanotubes Surface as a Promising Antibacterial Material into Implants. <i>Metals</i> , 2021, 11, 92.	1.0	23
14	Chiral Separation of the Enantiomers of Omeprazole and Pantoprazole by Capillary Electrophoresis. <i>Chromatographia</i> , 2015, 78, 279-284.	0.7	22
15	Study of the Electrophoretic Behavior of Cephalosporins by Capillary Zone Electrophoresis. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 223-229.	0.6	17
16	Glutamate - A multifaceted molecule: Endogenous neurotransmitter, controversial food additive, design compound for anti-cancer drugs. A critical appraisal. <i>Food and Chemical Toxicology</i> , 2021, 153, 112290.	1.8	17
17	Analytical methodologies for the stereoselective determination of fluoxetine: An overview. <i>Biomedical Chromatography</i> , 2018, 32, e4040.	0.8	15
18	Development of a capillary electrophoresis method for the simultaneous determination of cephalosporins. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 1413-1423.	0.4	14

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19	Thin layer chromatographic analysis of Beta-lactam antibiotics. <i>Advanced Pharmaceutical Bulletin</i> , 2013, 3, 367-71.	0.6	14
20	New silver complexes with levofloxacin: Synthesis, characterization and microbiological studies. <i>Journal of Molecular Structure</i> , 2016, 1123, 384-393.	1.8	12
21	Capillary electrophoresis in the enantioseparation of modern antidepressants: An overview. <i>Biomedical Chromatography</i> , 2018, 32, e4335.	0.8	12
22	Simultaneous separation of ciprofloxacin, norfloxacin and ofloxacin by micellar electrokinetic chromatography. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1889-1894.	0.6	10
23	Separation and Determination of Quinolone Antibacterials by Capillary Electrophoresis. <i>Journal of Chromatographic Science</i> , 2014, 52, 919-925.	0.7	10
24	Analytical methodologies for the enantiodetermination of citalopram and its metabolites. <i>Chirality</i> , 2020, 32, 32-41.	1.3	10
25	Development of Dermal Films Containing Miconazole Nitrate. <i>Molecules</i> , 2018, 23, 1640.	1.7	8
26	Chiral discrimination of amlodipine from pharmaceutical products using capillary electrophoresis. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 56, .	1.2	7
27	DSC and FT-IR Analysis for the Formulation of Dermal Films with Meloxicam in Bioadhesive Polymeric Matrices. <i>Revista De Chimie (discontinued)</i> , 2019, 69, 3692-3697.	0.2	7
28	CAPTISOLÂ® AS CHIRAL SELECTOR IN CAPILLARY ELECTROPHORESIS OF NON-ACIDIC DRUGS. <i>Journal of the Chilean Chemical Society</i> , 2017, 62, 3566-3571.	0.5	6
29	SOTALOL CHIRAL SEPARATION BY CAPILLARY ELECTROPHORESIS. <i>Journal of the Chilean Chemical Society</i> , 2014, 59, 2559-2562.	0.5	6
30	"Development of a rapid capillary zone electrophoresis method to quantify Levofloxacin and Meloxicam from transdermal therapeutic systems". <i>Studia Universitatis Babeş-Bolyai Chemia</i> , 2019, 64, 219-231.	0.1	5
31	Determination of letrozole, anastrozole and exemestane by capillary zone electrophoresis. <i>Studia Universitatis Babeş-Bolyai Chemia</i> , 2017, 62, 251-264.	0.1	4
32	Letrozole Determination by Capillary Zone Electrophoresis and UV Spectrophotometry Methods. <i>Acta Marisiensis - Seria Medica</i> , 2017, 63, 80-86.	0.3	3
33	CHIRAL SEPARATION OF CETIRIZINE ENANTIOMERS BY CYCLODEXTRIN MEDIATED CAPILLARY ELECTROPHORESIS. <i>Indonesian Journal of Pharmacy</i> , 2014, 25, 223.	0.3	3
34	COMPATIBILITY STUDY OF FOUR BINARY COMBINATIONS OF ACTIVE INGREDIENTS FOR DERMAL FILM FORMING SYSTEMS. <i>Farmacia</i> , 2020, 68, 800-811.	0.1	3
35	BRIEF ASSESSMENT OF PHARMACIST-PATIENT COMMUNICATION EFFICIENCY IN ROMANIAN PHARMACIES. <i>Farmacia</i> , 2018, 66, 1091-1096.	0.1	3
36	SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL ACTIVITY OF A NEW DERIVATIVE OF LEVOFLOXACIN. <i>Journal of the Chilean Chemical Society</i> , 2020, 65, 4857-4860.	0.5	2

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37	Development of a Capillary Electrophoresis Method for the Separation of Fluoroquinolone Derivatives in Acidic Background Electrolyte. <i>Acta Marisiensis - Seria Medica</i> , 2014, 60, 109-115.	0.3	1
38	Essential Guide of Analysis Methods Applied to Silver Complexes with Antibacterial Quinolones. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 181-189.	0.6	1
39	Simultaneous determination of loratadine, desloratadine and cetirizine by capillary zone electrophoresis. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 161-5.	0.6	1
40	COMPARATIVE ANALYSIS OF THE RELEASE PERFORMANCE OF INDOMETHACIN FROM TRANSDERMAL THERAPEUTIC SYSTEMS. <i>Farmacia</i> , 2020, 68, 1029-1035.	0.1	0