

# Karin Kipper

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,295  
citations

516710

16  
h-index

361022

35  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1858  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tutorial review on validation of liquid chromatography–mass spectrometry methods: Part II. <i>Analytica Chimica Acta</i> , 2015, 870, 8-28.	5.4	217
2	Tutorial review on validation of liquid chromatography–mass spectrometry methods: Part I. <i>Analytica Chimica Acta</i> , 2015, 870, 29-44.	5.4	208
3	Simultaneous determination of fluoroquinolones, sulfonamides and tetracyclines in sewage sludge by pressurized liquid extraction and liquid chromatography electrospray ionization-mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 5949-5954.	3.7	113
4	Presence of fluoroquinolones and sulfonamides in urban sewage sludge and their degradation as a result of composting. <i>International Journal of Environmental Science and Technology</i> , 2010, 7, 307-312.	3.5	87
5	Revision of the Gas-Phase Acidity Scale below 300 kcal mol <sup>-1</sup> . <i>Journal of Physical Chemistry A</i> , 2009, 113, 8421-8424.	2.5	69
6	Pharmacokinetics of Meropenem Determined by Microdialysis in the Peritoneal Fluid of Patients With Severe Peritonitis Associated With Septic Shock. <i>Clinical Pharmacology and Therapeutics</i> , 2008, 83, 452-459.	4.7	63
7	Plasma and CSF pharmacokinetics of meropenem in neonates and young infants: results from the NeoMero studies. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1908-1916.	3.0	49
8	Short versus Long Infusion of Meropenem in Very-Low-Birth-Weight Neonates. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4760-4764.	3.2	41
9	Signal Enhancement in the HPLC-ESI-MS/MS analysis of spironolactone and its metabolites using HFIP and NH <sub>4</sub> F as eluent additives. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3145-3151.	3.7	28
10	Fluoroalcohols as novel buffer components for basic buffer solutions for liquid chromatography electrospray ionization mass spectrometry: Retention mechanisms. <i>Journal of Chromatography A</i> , 2011, 1218, 8175-8180.	3.7	23
11	Variability in content and dissolution profiles of MDMA tablets collected in the UK between 2001 and 2018 – A potential risk to users?. <i>Drug Testing and Analysis</i> , 2019, 11, 1172-1182.	2.6	23
12	Cocaine-induced epigenetic DNA modification in mouse addiction-specific and non-specific tissues. <i>Neuropharmacology</i> , 2018, 139, 13-25.	4.1	22
13	IV and oral fosfomycin pharmacokinetics in neonates with suspected clinical sepsis. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1855-1864.	3.0	21
14	Sponge Spray – Reaching New Dimensions of Direct Sampling and Analysis by MS. <i>Analytical Chemistry</i> , 2017, 89, 11592-11597.	6.5	20
15	Development of a Novel Multipenicillin Assay and Assessment of the Impact of Analyte Degradation: Lessons for Scavenged Sampling in Antimicrobial Pharmacokinetic Study Design. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	20
16	Two fluoroalcohols as components of basic buffers for liquid chromatography electrospray ionization mass spectrometric determination of antibiotic residues. <i>Analyst</i> , The, 2011, 136, 4587.	3.5	18
17	Utilization of data below the analytical limit of quantitation in pharmacokinetic analysis and modeling: promoting interdisciplinary debate. <i>Bioanalysis</i> , 2018, 10, 1229-1248.	1.5	17
18	Mimicking in-vivo exposures to drug combinations in-vitro: anti-tuberculosis drugs in lung lesions and the hollow fiber model of infection. <i>Scientific Reports</i> , 2019, 9, 13228.	3.3	16

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19	Dosing of Ceftriaxone and Metronidazole for Children With Severe Acute Malnutrition. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 1165-1174.	4.7	15
20	Rapid Determination of Meropenem in Biological Fluids by LC: Comparison of Various Methods for Sample Preparation and Investigation of Meropenem Stability. <i>Chromatographia</i> , 2009, 70, 1423-1427.	1.3	14
21	Scaling beta-lactam antimicrobial pharmacokinetics from early life to old age. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 316-346.	2.4	14
22	A UHPLC-MS/MS method to simultaneously quantify apixaban, edoxaban and rivaroxaban in human plasma and breast milk: For emerging lactation studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1144, 122095.	2.3	14
23	Pharmacokinetics of Penicillin G in Preterm and Term Neonates. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	13
24	Retention of acidic and basic analytes in reversed phase column using fluorinated and novel eluent additives for liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1613, 460667.	3.7	13
25	$\beta$ -Lactam antimicrobial pharmacokinetics and target attainment in critically ill patients aged 1 day to 90 years: the ABDose study. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3625-3634.	3.0	13
26	Pharmacokinetics and pharmacodynamics of piperacillin/tazobactam during high volume haemodiafiltration in patients with septic shock. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 230-240.	1.6	12
27	The role of DNA methyltransferase activity in cocaine treatment and withdrawal in the nucleus accumbens of mice. <i>Addiction Biology</i> , 2020, 25, e12720.	2.6	12
28	Alternative Eluent Composition for LC-MS Analysis of Perfluoroalkyl Acids in Raw Fish Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5259-5268.	5.2	10
29	A highly sensitive method for the simultaneous UHPLC-MS/MS analysis of clonidine, morphine, midazolam and their metabolites in blood plasma using HFIP as the eluent additive. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1052, 150-157.	2.3	10
30	Liquid chromatography-tandem mass spectrometry for the simultaneous quantitation of ceftriaxone, metronidazole and hydroxymetronidazole in plasma from seriously ill, severely malnourished children. <i>Wellcome Open Research</i> , 2017, 2, 43.	1.8	9
31	Randomised controlled trial of fosfomycin in neonatal sepsis: pharmacokinetics and safety in relation to sodium overload. <i>Archives of Disease in Childhood</i> , 2022, 107, 802-810.	1.9	9
32	Liquid chromatography-tandem mass spectrometry for the simultaneous quantitation of ceftriaxone, metronidazole and hydroxymetronidazole in plasma from seriously ill, severely malnourished children. <i>Wellcome Open Research</i> , 0, 2, 43.	1.8	8
33	Late-onset neonatal sepsis: genetic differences by sex and involvement of the NOTCH pathway. <i>Pediatric Research</i> , 2023, 93, 1085-1095.	2.3	8
34	Rapid Quantitation of Flecainide in Human Plasma for Therapeutic Drug Monitoring Using Liquid Chromatography and Time-of-Flight Mass Spectrometry. <i>Therapeutic Drug Monitoring</i> , 2019, 41, 391-395.	2.0	7
35	Population pharmacokinetics and pharmacodynamics of dobutamine in neonates on the first days of life. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 318-328.	2.4	7
36	Pharmacokinetics of doripenem during high volume hemodiafiltration in patients with septic shock. <i>Journal of Clinical Pharmacology</i> , 2015, 55, 438-446.	2.0	6

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37	Population Pharmacokinetics and Dosing of Milrinone After Patent Ductus Arteriosus Ligation in Preterm Infants. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 621-629.	0.5	6
38	Quantification of Plasma and Urine Thymidine and 2 <sup>â€™</sup> -Deoxyuridine by LC-MS/MS for the Pharmacodynamic Evaluation of Erythrocyte Encapsulated Thymidine Phosphorylase in Patients with Mitochondrial Neurogastrointestinal Encephalomyopathy. <i>Journal of Clinical Medicine</i> , 2020, 9, 788.	2.4	6
39	Simultaneous quantification of cyclosporin, tacrolimus, sirolimus and everolimus in whole blood by UHPLC-MS/MS for therapeutic drug monitoring. <i>Biomedical Chromatography</i> , 2021, 35, e5071.	1.7	6
40	Simultaneous Determination of Fluoroquinolones and Sulfonamides Originating from Sewage Sludge Compost. <i>Scientific World Journal</i> , The, 2017, 2017, 1-8.	2.1	5
41	A sensitive method for the simultaneous UHPLC-MS/MS analysis of milrinone and dobutamine in blood plasma using NH <sub>4</sub> F as the eluent additive and ascorbic acid as a stabilizer. <i>Clinical Mass Spectrometry</i> , 2019, 12, 23-29.	1.9	5
42	Synthesis of aza-phenylalanine, aza-tyrosine, and aza-tryptophan precursors via hydrazine alkylation. <i>Proceedings of the Estonian Academy of Sciences</i> , 2015, 64, 168.	1.5	4
43	Ampicillin Pharmacokinetics During First Week of Life in Preterm and Term Neonates. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, 464-472.	2.0	4
44	OUP accepted manuscript. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 448-456.	3.0	3
45	Retention mechanisms of acidic and basic analytes on the Pentafluorophenyl stationary phase using fluorinated eluent additives. <i>Journal of Chromatography A</i> , 2022, 1666, 462850.	3.7	3
46	Quantification of mycophenolic acid in human plasma by liquid chromatography with time-of-flight mass spectrometry for therapeutic drug monitoring. <i>Biomedical Chromatography</i> , 2021, 35, e5011.	1.7	2
47	Plant uptake of some pharmaceuticals commonly present in sewage sludge compost. , 2010, , .		1
48	Pharmacogenetics may explain part of the interindividual variability of dobutamine pharmacodynamics in neonates. <i>British Journal of Clinical Pharmacology</i> , 2022, , .	2.4	1
49	Dosing of Ertapenem in an Extreme Obesity: A Case Report of 250%kg Patient. <i>Case Reports in Critical Care</i> , 2017, 2017, 1-3.	0.4	0
50	Pharmacokinetics of Gentamicin Components C1, C1a, and C2/C2a/C2b and Subsequent Decline in Glomerular Filtration Rate in Neonates. <i>AAPS Journal</i> , 2022, 24, .	4.4	0