Suzanne L Parker

List of Publications by Year
in descending order

48 papers	816 citations	489802 18 h-index	620720 26 g-index
51 all docs	51 docs citations	51 times ranked	1094 citing authors

#	Article	IF	Citations
1	Microsampling to support pharmacokinetic clinical studies in pediatrics. Pediatric Research, 2022, 91, 1557-1561.	1.1	6
2	Evaluation of low-volume plasma sampling for the analysis of meropenem in clinical samples. Analytical and Bioanalytical Chemistry, 2022, 414, 2155-2162.	1.9	7
3	Innovation in microsampling for therapeutic drug monitoring of gentamicin in neonates: a proof-of-concept study. International Journal of Antimicrobial Agents, 2022, 59, 106513.	1.1	1
4	Population Pharmacokinetic Model of Piperacillin in Critically Ill Patients and Describing Interethnic Variation Using External Validation. Antibiotics, 2022, 11, 434.	1.5	1
5	Optimal dosing of cefotaxime and desacetylcefotaxime for critically ill paediatric patients. Can we use microsampling?. Journal of Antimicrobial Chemotherapy, 2022, 77, 2227-2237.	1.3	1
6	Population Pharmacokinetics of Levetiracetam in Patients with Traumatic Brain Injury and Subarachnoid Hemorrhage Exhibiting Augmented Renal Clearance. Clinical Pharmacokinetics, 2021, 60, 655-664.	1.6	16
7	Development and validation of a UHPLC-MS/MS method to measure cefotaxime and metabolite desacetylcefotaxime in blood plasma: a pilot study suitable for capillary microsampling in critically ill children. Analytical and Bioanalytical Chemistry, 2021, 413, 4483-4491.	1.9	2
8	Population Pharmacokinetics Analysis of Amikacin Initial Dosing Regimen in Elderly Patients. Antibiotics, 2021, 10, 100.	1.5	2
9	A validated LC-MS/MS method for the simultaneous quantification of the novel combination antibiotic, ceftolozaneâ€“tazobactam, in plasma (total and unbound), CSF, urine and renal replacement therapy effluent: application to pilot pharmacokinetic studies. Clinical Chemistry and Laboratory Medicine, 2021, 59, 921-933.	1.4	4
10	Development and validation of LC-MS/MS methods to measure tobramycin and lincomycin in plasma, microdialysis fluid and urine: application to a pilot pharmacokinetic research study. Clinical Chemistry and Laboratory Medicine, 2020, 58, 274-284.	1.4	8
11	Cerebrospinal Fluid Penetration of Ceftolozane-Tazobactam in Critically Ill Patients with an Indwelling External Ventricular Drain. Antimicrobial Agents and Chemotherapy, 2020, 65, .	1.4	15
12	The role of antibiotic pharmacokinetic studies performed post-licensing. International Journal of Antimicrobial Agents, 2020, 56, 106165.	1.1	3
13	Antithrombin Dosing Guidelines in Children Underestimate Dose Needed for Plasma Level Increase. Pediatric Critical Care Medicine, 2020, 21, 746-752.	0.2	1
14	Prophylactic Cefazolin Dosing in Women With Body Mass Index >35 kgÂ·mâ^'2 Undergoing Cesarean Delivery: A Pharmacokinetic Study of Plasma and Interstitial Fluid. Anesthesia and Analgesia, 2020, 131, 199-207.	1.1	14
15	Kidney transplant recipientâ€™s perceptions of blood testing through microsampling and venepuncture. Bioanalysis, 2020, 12, 873-881.	0.6	12
16	Population Pharmacokinetics of Unbound Ceftolozane and Tazobactam in Critically Ill Patients without Renal Dysfunction. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	35
17	Intravenous fosfomycin for the treatment of multidrug-resistant pathogens: what is the evidence on dosing regimens?. Expert Review of Anti-Infective Therapy, 2019, 17, 201-210.	2.0	17
18	Population pharmacokinetics of total and unbound concentrations of intravenous posaconazole in adult critically ill patients. Critical Care, 2019, 23, 205.	2.5	22

#	Article	IF	Citations
19	Analysis of capillary microsamples obtained from a skin-prick to measure vancomycin concentrations as a valid alternative to conventional sampling: A bridging study. Journal of Pharmaceutical and Biomedical Analysis, 2019, 169, 288-292.	1.4	12
20	A validated LC-MSMS method for the simultaneous quantification of meropenem and vaborbactam in human plasma and renal replacement therapy effluent and its application to a pharmacokinetic study. Analytical and Bioanalytical Chemistry, 2019, 411, 7831-7840.	1.9	11
21	A Population Pharmacokinetic Model-Guided Evaluation of Ceftolozane-Tazobactam Dosing in Critically Ill Patients Undergoing Continuous Venovenous Hemodiafiltration. Antimicrobial Agents and Chemotherapy, 2019, 64, .	1.4	21
22	Lung Pharmacokinetics of Tobramycin by Intravenous and Nebulized Dosing in a Mechanically Ventilated Healthy Ovine Model. Anesthesiology, 2019, 131, 344-355.	1.3	17
23	Population Pharmacokinetics of Periarticular Ketorolac in Adult Patients Undergoing Total Hip or Total Knee Replacement Surgery. Anesthesia and Analgesia, 2019, 129, 701-708.	1.1	6
24	Characterisation of 40â€¯mg/ml and 100â€¯mg/ml tobramycin formulations for aerosol therapy with adult mechanical ventilation. Pulmonary Pharmacology and Therapeutics, 2018, 50, 93-99.	1.1	4
25	Clinical application of microsampling versus conventional sampling techniques in the quantitative bioanalysis of antibiotics: a systematic review. Bioanalysis, 2018, 10, 407-423.	0.6	25
26	A UHPLCâ€“MS/MS method for the simultaneous determination of piperacillin and tazobactam in plasma (total and unbound), urine and renal replacement therapy effluent. Journal of Pharmaceutical and Biomedical Analysis, 2018, 148, 324-333.	1.4	23
27	A research pathway for the study of the delivery and disposition of nebulised antibiotics: an incremental approach from in vitro to large animal models. Intensive Care Medicine Experimental, 2018, 6, 17.	0.9	7
28	Population pharmacokinetics of intravenous paracetamol in critically ill patients with traumatic brain injury. Journal of Critical Care, 2018, 47, 15-20.	1.0	5
29	Recovery rates of combination antibiotic therapy using in vitro microdialysis simulating in vivo conditions. Journal of Pharmaceutical Analysis, 2018, 8, 407-412.	2.4	6
30	Ex Vivo Characterization of Effects of Renal Replacement Therapy Modalities and Settings on Pharmacokinetics of Meropenem and Vaborbactam. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	27
31	An LCâ€“MS/MS method to determine vancomycin in plasma (total and unbound), urine and renal replacement therapy effluent. Bioanalysis, 2017, 9, 911-924.	0.6	17
32	A validated UHPLCâ€“MS/MS method for the measurement of riluzole in plasma and myocardial tissue samples. Biomedical Chromatography, 2017, 31, e4030.	0.8	1
33	Is there a role for microsampling in antibiotic pharmacokinetic studies?. Expert Opinion on Drug Metabolism and Toxicology, 2016, 12, 601-614.	1.5	20
34	Effect of time on recovery of plasma microsamples for the quantitative determination of vancomycin. Bioanalysis, 2016, 8, 2235-2242.	0.6	29
35	Uncertainty in Antibiotic Dosing in Critically Ill Neonate and Pediatric Patients: Can Microsampling Provide the Answers?. Clinical Therapeutics, 2016, 38, 1961-1975.	1.1	31
36	Determination of Cefalothin and Cefazolin in Human Plasma, Urine and Peritoneal Dialysate by UHPLCâ€MS/MS: application to a pilot pharmacokinetic study in humans. Biomedical Chromatography, 2016, 30, 872-879.	0.8	22

#	Article	IF	Citations
37	The use and risks of antibiotics in critically ill patients. Expert Opinion on Drug Safety, 2016, 15, 667-678.	1.0	25
38	Optimizing dosing of antibiotics in critically ill patients. Current Opinion in Infectious Diseases, 2015, 28, 497-504.	1.3	41
39	Quantitative bioanalytical validation of fosfomycin in human whole blood with volumetric absorptive microsampling. Bioanalysis, 2015, 7, 2585-2595.	0.6	45
40	A validated method for the quantification of fosfomycin on dried plasma spots by HPLCâ€“MS/MS: Application to a pilot pharmacokinetic study in humans. Journal of Pharmaceutical and Biomedical Analysis, 2015, 115, 509-514.	1.4	23
41	An UHPLCâ€“MS/MS method for the simultaneous determination of ampicillin and sulbactam in human plasma and urine. Bioanalysis, 2015, 7, 2311-2319.	0.6	9
42	Population Pharmacokinetics of Fosfomycin in Critically Ill Patients. Antimicrobial Agents and Chemotherapy, 2015, 59, 6471-6476.	1.4	59
43	A simple LCâ€“MS/MS method using HILIC chromatography for the determination of fosfomycin in plasma and urine: Application to a pilot pharmacokinetic study in humans. Journal of Pharmaceutical and Biomedical Analysis, 2015, 105, 39-45.	1.4	28
44	What is the relevance of fosfomycin pharmacokinetics in the treatment of serious infections in critically ill patients? A systematic review. International Journal of Antimicrobial Agents, 2013, 42, 289-293.	1.1	63
45	Effect of naproxen co-administration on valproate disposition. Biopharmaceutics and Drug Disposition, 2000, 21, 235-242.	1.1	22
46	Valproate metabolism during valproate-associated hepatotoxicity in a surviving adult patient. Epilepsy Research, 2000, 41, 259-268.	0.8	21
47	Steady-state dispositions of valproate and diflunisal alone and coadministered to healthy volunteers. European Journal of Clinical Pharmacology, 2000, 56, 715-721.	0.8	25
48	Plasma and Interstitial Fluid Pharmacokinetics of Prophylactic Cefazolin in Elective Bariatric Surgery Patients. Antimicrobial Agents and Chemotherapy, 0, , .	1.4	4