Wei Zhao

List of Publications by Year in descending order

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		236612	2	264894
121	2,394	25		42
papers	citations	h-index		g-index
123	123	123		2526
all docs	docs citations	times ranked		citing authors

#	Article	IF	CITATIONS
1	Use of the WHO Access, Watch, and Reserve classification to define patterns of hospital antibiotic use (AWaRe): an analysis of paediatric survey data from 56 countries. The Lancet Global Health, 2019, 7, e861-e871.	2.9	213
2	Evidence-based Guideline for Therapeutic Drug Monitoring of Vancomycin: 2020 Update by the Division of Therapeutic Drug Monitoring, Chinese Pharmacological Society. Clinical Infectious Diseases, 2020, 71, S363-S371.	2.9	109
3	Vancomycin continuous infusion in neonates: dosing optimisation and therapeutic drug monitoring. Archives of Disease in Childhood, 2013, 98, 449-453.	1.0	104
4	External evaluation of population pharmacokinetic models of vancomycin in neonates: the transferability of published models to different clinical settings. British Journal of Clinical Pharmacology, 2013, 75, 1068-1080.	1.1	92
5	Off-label use of medicines in neonates, infants, children, and adolescents: a joint policy statement by the European Academy of Paediatrics and the European society for Developmental Perinatal and Pediatric Pharmacology. European Journal of Pediatrics, 2020, 179, 839-847.	1.3	84
6	Clinical features, early treatment responses, and outcomes of pediatric acute lymphoblastic leukemia in china with or without specific fusion transcripts: A single institutional study of 1,004 patients. American Journal of Hematology, 2012, 87, 1022-1027.	2.0	65
7	Therapeutic guidelines for prescribing antibiotics in neonates should be evidence-based: a French national survey. Archives of Disease in Childhood, 2015, 100, 394-398.	1.0	65
8	Pharmacokinetic Studies in Neonates: The Utility of an Opportunistic Sampling Design. Clinical Pharmacokinetics, 2015, 54, 1273-1285.	1.6	65
9	Population Pharmacokinetics and Dosing Optimization of Vancomycin in Children with Malignant Hematological Disease. Antimicrobial Agents and Chemotherapy, 2014, 58, 3191-3199.	1.4	62
10	Population Pharmacokinetics and Pharmacogenetics of Mycophenolic Acid Following Administration of Mycophenolate Mofetil in De Novo Pediatric Renalâ€Transplant Patients. Journal of Clinical Pharmacology, 2010, 50, 1280-1291.	1.0	61
11	Use of antibacterial agents in the neonate: 50 years of experience with vancomycin administration. Seminars in Fetal and Neonatal Medicine, 2013, 18, 28-34.	1.1	59
12	Population pharmacokinetics and pharmacogenetics of once daily prolonged-release formulation of tacrolimus in pediatric and adolescent kidney transplant recipients. European Journal of Clinical Pharmacology, 2013, 69, 189-195.	0.8	56
13	Clinical Utility and Safety of a Model-Based Patient-Tailored Dose of Vancomycin in Neonates. Antimicrobial Agents and Chemotherapy, 2016, 60, 2039-2042.	1.4	44
14	Population Pharmacokinetics of Ciprofloxacin in Neonates and Young Infants Less than Three Months of Age. Antimicrobial Agents and Chemotherapy, 2014, 58, 6572-6580.	1.4	41
15	Population pharmacokinetics and dosing optimization of teicoplanin in children with malignant haematological disease. British Journal of Clinical Pharmacology, 2015, 80, 1197-1207.	1.1	41
16	Paediatric drug development: are population models predictive of pharmacokinetics across paediatric populations?. British Journal of Clinical Pharmacology, 2011, 72, 454-464.	1.1	38
17	Pharmacodynamics of vancomycin for CoNS infection: experimental basis for optimal use of vancomycin in neonates. Journal of Antimicrobial Chemotherapy, 2016, 71, 992-1002.	1.3	37
18	Population pharmacokinetics and Bayesian estimator of mycophenolic acid in children with idiopathic nephrotic syndrome. British Journal of Clinical Pharmacology, 2010, 69, 358-366.	1.1	34

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19	Population pharmacokinetic meta-analysis of individual data to design the first randomized efficacy trial of vancomycin in neonates and young infants. Journal of Antimicrobial Chemotherapy, 2019, 74, 2128-2138.	1.3	33
20	Developmental Pharmacogenetics of Immunosuppressants in Pediatric Organ Transplantation. Therapeutic Drug Monitoring, 2010, 32, 688-699.	1.0	32
21	Principles of Therapeutic Drug Monitoring. Handbook of Experimental Pharmacology, 2011, 205, 77-90.	0.9	29
22	Amikacin Maturation Model as a Marker of Renal Maturation to Predict Glomerular Filtration Rate and Vancomycin Clearance in Neonates. Clinical Pharmacokinetics, 2013, 52, 1127-1134.	1.6	29
23	Choosing the right dose of tacrolimus. Archives of Disease in Childhood, 2015, 100, 406-413.	1.0	29
24	Population Pharmacokinetics and Dosing Optimization of Amoxicillin in Neonates and Young Infants. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	29
25	How to use vancomycin optimally in neonates: remaining questions. Expert Review of Clinical Pharmacology, 2015, 8, 635-648.	1.3	28
26	Population pharmacokinetics of tacrolimus in children with nephrotic syndrome. British Journal of Clinical Pharmacology, 2018, 84, 1748-1756.	1.1	27
27	Pharmacokinetic study of once-daily versus twice-daily abacavir and lamivudine in HIV type-1-infected children aged 3-<36 months. Antiviral Therapy, 2010, 15, 297-305.	0.6	26
28	A Population and Developmental Pharmacokinetic Analysis To Evaluate and Optimize Cefotaxime Dosing Regimen in Neonates and Young Infants. Antimicrobial Agents and Chemotherapy, 2016, 60, 6626-6634.	1.4	26
29	Pharmacokinetics and safety of fluconazole and micafungin in neonates with systemic candidiasis: a randomized, open″abel clinical trial. British Journal of Clinical Pharmacology, 2018, 84, 1989-1999.	1.1	26
30	Population Pharmacokinetics of Ganciclovir Following Administration of Valganciclovir in Paediatric Renal Transplant Patients. Clinical Pharmacokinetics, 2009, 48, 321-328.	1.6	25
31	Cystatin C as a potential biomarker for dosing of renally excreted drugs. British Journal of Clinical Pharmacology, 2015, 80, 20-27.	1.1	25
32	Optimisation of vancomycin exposure in neonates based on the best level of evidence. Pharmacological Research, 2020, 154, 104278.	3.1	25
33	Limited Sampling Strategy for Estimating Individual Exposure of Tacrolimus in Pediatric Kidney Transplant Patients. Therapeutic Drug Monitoring, 2011, 33, 681-687.	1.0	23
34	Determination of ciprofloxacin in plasma by microâ€liquid chromatography–mass spectrometry: An adapted method for neonates. Biomedical Chromatography, 2011, 25, 827-832.	0.8	22
35	Individualization of Valganciclovir Prophylaxis for Cytomegalovirus Infection in Pediatric Kidney Transplant Patients. Therapeutic Drug Monitoring, 2012, 34, 326-330.	1.0	21
36	Population Pharmacokinetic Analysis of Isoniazid among Pulmonary Tuberculosis Patients from China. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	21

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37	Current knowledge, challenges and innovations in developmental pharmacology: A combined conect4children Expert Group and European Society for Developmental, Perinatal and Paediatric Pharmacology White Paper. British Journal of Clinical Pharmacology, 2022, 88, 4965-4984.	1.1	21
38	Population Pharmacokinetics and Dosing Optimization of Ceftazidime in Infants. Antimicrobial Agents and Chemotherapy, 2018, 62 , .	1.4	20
39	Drug Clearance in Neonates: A Combination of Population Pharmacokinetic Modelling and Machine Learning Approaches to Improve Individual Prediction. Clinical Pharmacokinetics, 2021, 60, 1435-1448.	1.6	20
40	Commentary on the MID3 Good Practices Paper. CPT: Pharmacometrics and Systems Pharmacology, 2017, 6, 416-417.	1.3	18
41	Developmental Population Pharmacokinetics and Dosing Optimization of Cefepime in Neonates and Young Infants. Frontiers in Pharmacology, 2020, 11, 14.	1.6	18
42	Covariate effects and population pharmacokinetics of lamivudine in <scp>HIV</scp> â€infected children. British Journal of Clinical Pharmacology, 2014, 77, 861-872.	1.1	17
43	Impact of Glutathione S-Transferase M1 and T1 on Anti-Tuberculosis Drug–Induced Hepatotoxicity in Chinese Pediatric Patients. PLoS ONE, 2014, 9, e115410.	1.1	17
44	Developmental pharmacogenetics of <scp>CYP2C19</scp> in neonates and young infants: omeprazole as a probe drug. British Journal of Clinical Pharmacology, 2018, 84, 997-1005.	1.1	16
45	Reappraisal of the Optimal Dose of Meropenem in Critically III Infants and Children: a Developmental Pharmacokinetic-Pharmacodynamic Analysis. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	16
46	Safety study of Ciprofloxacin in newborn mice. Regulatory Toxicology and Pharmacology, 2016, 74, 161-169.	1.3	15
47	Population Pharmacokinetics of Ganciclovir after Valganciclovir Treatment in Children with Renal Transplant. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	15
48	First Dose in Neonates: Are Juvenile Mice, Adults and In Vitroâ€"In Silico Data Predictive of Neonatal Pharmacokinetics of Fluconazole. Clinical Pharmacokinetics, 2014, 53, 1005-1018.	1.6	14
49	Dosage individualization in children: integration of pharmacometrics in clinical practice. World Journal of Pediatrics, 2014, 10, 197-203.	0.8	14
50	Pharmacogenetic Determinant of the Drug Interaction Between Tacrolimus and Omeprazole. Therapeutic Drug Monitoring, 2012, 34, 739-741.	1.0	13
51	Limited sampling strategy using Bayesian estimation for estimating individual exposure of the once-daily prolonged-release formulation of tacrolimus in kidney transplant children. European Journal of Clinical Pharmacology, 2013, 69, 1181-1185.	0.8	13
52	Population pharmacokinetics of abacavir in infants, toddlers and children. British Journal of Clinical Pharmacology, 2013, 75, 1525-1535.	1.1	13
53	Population pharmacokinetics of ciclosporin in Chinese children with aplastic anemia: effects of weight, renal function and stanozolol administration. Acta Pharmacologica Sinica, 2013, 34, 969-975.	2.8	13
54	Precision therapy of 6â€mercaptopurine in Chinese children with acute lymphoblastic leukaemia. British Journal of Clinical Pharmacology, 2020, 86, 1519-1527.	1.1	13

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55	Population Pharmacokinetics and Dosing Optimization of Vancomycin in Infants, Children, and Adolescents with Augmented Renal Clearance. Antimicrobial Agents and Chemotherapy, 2021, 65, e0089721.	1.4	13
56	Pharmacokinetic Interaction Between Tacrolimus and Amlodipine in a Renal Transplant Child. Transplantation, 2012, 93, e29-e30.	0.5	12
57	Pilot Study of Model-Based Dosage Individualization of Ganciclovir in Neonates and Young Infants with Congenital Cytomegalovirus Infection. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	12
58	Population Pharmacokinetics and Dosing Optimization of Azithromycin in Children with Community-Acquired Pneumonia. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	12
59	Population pharmacokinetics and dosing optimization of metformin in Chinese patients with type 2 diabetes mellitus. Medicine (United States), 2020, 99, e23212.	0.4	12
60	Population Pharmacokinetics of Cefotaxime and Dosage Recommendations in Children with Sickle Cell Disease. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	11
61	Developmental population pharmacokinetics of caffeine in Chinese premature infants with apnoea of prematurity: A postâ€marketing study to support paediatric labelling in China. British Journal of Clinical Pharmacology, 2021, 87, 1155-1164.	1.1	11
62	Population pharmacokinetics and dosing optimization of azlocillin in neonates with early-onset sepsis: a real-world study. Journal of Antimicrobial Chemotherapy, 2021, 76, 699-709.	1.3	11
63	Population pharmacokinetics and maximum <i>a posteriori</i> probability Bayesian estimator of abacavir: application of individualized therapy in HIVâ€infected infants and toddlers. British Journal of Clinical Pharmacology, 2012, 73, 641-650.	1.1	10
64	Pharmacogenetics of post-transplant diabetes mellitus in children with renal transplantation treated with tacrolimus. Pediatric Nephrology, 2018, 33, 1045-1055.	0.9	10
65	Off-label use of tacrolimus in children with Henoch-Schönlein purpura nephritis: a pilot study. Archives of Disease in Childhood, 2018, 103, 772-775.	1.0	10
66	Population pharmacokinetics and dosing optimization of latamoxef in neonates and young infants. International Journal of Antimicrobial Agents, 2019, 53, 347-351.	1.1	10
67	The Importance of Knowing How Vancomycin is Measured When Interpreting Its Pharmacokinetic Results. Therapeutic Drug Monitoring, 2013, 35, 416.	1.0	8
68	Pilot Phase II study of mazindol in children with attention deficit/hyperactivity disorder. Drug Design, Development and Therapy, 2014, 8, 2321.	2.0	8
69	Determination of cefoperazone and sulbactam in serum by HPLCâ€MS/MS: An adapted method for therapeutic drug monitoring in children. Biomedical Chromatography, 2018, 32, e4143.	0.8	8
70	Early target attainment of azithromycin therapy in children with lower respiratory tract infections. Journal of Antimicrobial Chemotherapy, 2018, 73, 2846-2850.	1.3	8
71	Population Pharmacokinetics and Dosing Optimization of Imipenem in Children with Hematological Malignancies. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	8
72	Carbapenem-Resistant Enterobacteriaceae Bloodstream Infection Treated Successfully With High-Dose Meropenem in a Preterm Neonate. Frontiers in Pharmacology, 2020, 11, 566060.	1.6	8

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73	Population Pharmacokinetics and Safety of Oral Tetra-Arsenic Tetra-Sulfide Formula in Pediatric Acute Promyelocytic Leukemia. Drug Design, Development and Therapy, 2021, Volume 15, 1633-1640.	2.0	8
74	Penetration of Cefotaxime into Cerebrospinal Fluid in Neonates and Young Infants. Antimicrobial Agents and Chemotherapy, $2018, 62, \ldots$	1.4	7
75	Offâ€label use of tacrolimus in children with glomerular disease: Effectiveness, safety and pharmacokinetics. British Journal of Clinical Pharmacology, 2020, 86, 274-284.	1.1	7
76	A modelâ€based approach for the evaluation of once daily dosing of lamivudine in <scp>HIV</scp> â€infected children. British Journal of Clinical Pharmacology, 2014, 77, 852-860.	1.1	6
77	Pharmacokinetics and dosage individualization of ganciclovir and valganciclovir in an infant with nephrotic syndrome associated with cytomegalovirus infection. Journal of Antimicrobial Chemotherapy, 2014, 69, 1150-1151.	1.3	6
78	A microscale HPLCâ€UV method for the determination of latamoxef in plasma: An adapted method for therapeutic drug monitoring in neonates. Biomedical Chromatography, 2018, 32, e4243.	0.8	6
79	Optimal Dosing of Ceftriaxone in Infants Based on a Developmental Population Pharmacokinetic-Pharmacodynamic Analysis. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	6
80	Population pharmacokinetics and dose optimization of ceftriaxone for children with community-acquired pneumonia. European Journal of Clinical Pharmacology, 2020, 76, 1547-1556.	0.8	6
81	Paediatric drugs trials in China. BMJ Paediatrics Open, 2020, 4, e000618.	0.6	6
82	Developmental population pharmacokinetics–pharmacodynamics and dosing optimization of cefoperazone in children. Journal of Antimicrobial Chemotherapy, 2020, 75, 1917-1924.	1.3	6
83	An adapted LC-MS/MS method for the determination of free plasma concentration of cefoperazone in children: Age-dependent protein binding. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1144, 122081.	1.2	6
84	A simplified method for bortezomib determination using dried blood spots in combination with liquid chromatography/tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1181, 122905.	1.2	6
85	Optimizing Micafungin Dosing in Children. Pediatric Infectious Disease Journal, 2012, 31, 1211-1212.	1.1	5
86	Oral drugs used to treat persistent pulmonary hypertension of the newborn. Expert Review of Clinical Pharmacology, 2020, 13, 1295-1308.	1.3	5
87	Prediction of Unbound Ceftriaxone Concentration in Children: Simple Bioanalysis Method and Basic Mathematical Equation. Antimicrobial Agents and Chemotherapy, 2020, 65, .	1.4	5
88	Population Pharmacokinetics and Dosing Optimization of Amoxicillin in Chinese Infants. Journal of Clinical Pharmacology, 2021, 61, 538-546.	1.0	5
89	Population Pharmacokinetic Study of Cefathiamidine in Infants With Augmented Renal Clearance. Frontiers in Pharmacology, 2021, 12, 630047.	1.6	5
90	Downregulation of Renal MRPs Transporters in Acute Lymphoblastic Leukemia Mediated by the IL-6/STAT3/PXR Signaling Pathway. Journal of Inflammation Research, 2021, Volume 14, 2239-2252.	1.6	5

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91	Population pharmacokinetics-pharmacodynamics of ceftazidime in neonates and young infants: Dosing optimization for neonatal sepsis. European Journal of Pharmaceutical Sciences, 2021, 163, 105868.	1.9	5
92	Optimal dose of meropenem for the treatment of neonatal sepsis: Dosing guideline variations and clinical practice deviations. British Journal of Clinical Pharmacology, 2022, 88, 3483-3489.	1.1	5
93	Population pharmacokinetics and dosing optimization of cefathiamidine in children with hematologic infection. Drug Design, Development and Therapy, 2018, Volume 12, 855-862.	2.0	4
94	Body Surface Area-Based Dosing Regimen of Caspofungin in Children: a Population Pharmacokinetics Confirmatory Study. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	4
95	Drug Elimination Alteration in Acute Lymphoblastic Leukemia Mediated by Renal Transporters and Glomerular Filtration. Pharmaceutical Research, 2020, 37, 158.	1.7	4
96	First dose in neonates: pharmacokinetic bridging study from juvenile mice to neonates for drugs metabolized by CYP3A. Xenobiotica, 2020, 50, 1275-1284.	0.5	4
97	Serum Creatinine and Serum Cystatin C are Both Relevant Renal Markers to Estimate Vancomycin Clearance in Critically III Neonates. Frontiers in Pharmacology, 2021, 12, 634686.	1.6	4
98	Predictive Performance of Pharmacokinetic Model-Based Virtual Trials of Vancomycin in Neonates: Mathematics Matches Clinical Observation. Clinical Pharmacokinetics, 2022, 61, 1027-1038.	1.6	4
99	Principles and applications of pharmacometrics in drug evaluation in children. Therapie, 2018, 73, 165-170.	0.6	3
100	<p>Developmental Pharmacogenetics of SLCO2B1 on Montelukast Pharmacokinetics in Chinese Children</p> . Drug Design, Development and Therapy, 2019, Volume 13, 4405-4411.	2.0	3
101	Latamoxef for Neonates With Early-Onset Neonatal Sepsis: A Study Protocol for a Randomized Controlled Trial. Frontiers in Pharmacology, 2021, 12, 635517.	1.6	3
102	Population Pharmacokinetics and Safety of Dasatinib in Chinese Children with Core-Binding Factor Acute Myeloid Leukemia. Clinical Pharmacokinetics, 2022, 61, 71-81.	1.6	3
103	CYP3A5 Genotype-Dependent Drug-Drug Interaction Between Tacrolimus and Nifedipine in Chinese Renal Transplant Patients. Frontiers in Pharmacology, 2021, 12, 692922.	1.6	3
104	LPS-Induced Inflammation Affects Midazolam Clearance in Juvenile Mice in an Age-Dependent Manner. Journal of Inflammation Research, 2021, Volume 14, 3697-3706.	1.6	3
105	Author's Reply to Standing et al. Pharmacokinetic Studies in Neonates: The Utility of an Opportunistic Sampling Design. Clinical Pharmacokinetics, 2015, 54, 1289-1291.	1.6	2
106	Pharmacokinetics and safety of pegylated recombinant human granulocyte colonyâ€stimulating factor in children with acute leukaemia. British Journal of Clinical Pharmacology, 2021, 87, 3292-3300.	1.1	2
107	Offâ€abel use of letrozole in Chinese short pubertal boys: Effectiveness, safety, and exposure–response analysis. British Journal of Clinical Pharmacology, 2021, 87, 3599-3607.	1.1	2
108	Developmental Pharmacogenetics of CYP2D6 in Chinese Children: Loratadine as a Substrate Drug. Frontiers in Pharmacology, 2021, 12, 657287.	1.6	2

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109	Determination of Loratadine and Its Active Metabolite in Plasma by LC/MS/MS: An Adapted Method for Children. Current Pharmaceutical Analysis, 2020, 16, 909-915.	0.3	2
110	Population pharmacokinetics and dosing optimization of mezlocillin in neonates and young infants. Journal of Antimicrobial Chemotherapy, 0 , , .	1.3	2
111	Cefotiam Treatment in Children: Evidence of Subtherapeutic Levels. Therapeutic Drug Monitoring, 2020, 42, 733-736.	1.0	1
112	PK/PD modeling of 5â€hydroxytryptophan (5â€HTP) challenge test with cortisol measurement in serum and saliva. Pharmacology Research and Perspectives, 2020, 8, e00574.	1.1	1
113	Extremely low dose of 6â€mercaptopurine in a Chinese child with acute lymphoblastic leukaemia and multiple pharmacogenetic mutations. Journal of Clinical Pharmacy and Therapeutics, 2021, 46, 74-77.	0.7	1
114	Effects of continuous venovenous hemofiltration on vancomycin trough concentrations in critically ill children. Annals of Translational Medicine, 2021, 9, 224-224.	0.7	1
115	A Validated LC-MS/MS Method for the Determination of Mezlocillin in Plasma: An Adapted Method for Therapeutic Drug Monitoring in Children. Current Pharmaceutical Analysis, 2021, 17, 853-860.	0.3	1
116	Clinical utiliy of a modelâ€based piperacillin dose in neonates with earlyâ€onset sepsis. British Journal of Clinical Pharmacology, 2021, , .	1,1	1
117	Population Pharmacokinetics of Cefotaxime and Dosage Recommendations in Children with Sickle Cell Disease. Blood, 2017, 130, 975-975.	0.6	1
118	A Sensitive Microscale HPLC-UV Method for the Determination of Doxofylline and its Metabolites in Plasma: An Adapted Method for Therapeutic Drug Monitoring in Children. Current Pharmaceutical Analysis, 2019, 16, 47-54.	0.3	1
119	Aciclovir CSF concentration in children with viral encephalitis: is it adequate?. Journal of Antimicrobial Chemotherapy, 2018, 73, 2582-2583.	1.3	0
120	Editorial: Model-Based Evaluation of Antimicrobial Agents in Children. Frontiers in Pharmacology, 2021, 12, 731209.	1.6	0
121	Optimal Sample Size for Use in Neonatal Pharmacokinetic Studies. Therapeutic Innovation and Regulatory Science, 2022, , 1.	0.8	O