

# Saskia N De Wildt

## List of Publications by Citations

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202  
papers

4,915  
citations

38  
h-index

61  
g-index

289  
ext. papers

5,836  
ext. citations

4.7  
avg, IF

5.66  
L-index

#	Paper	IF	Citations
202	Cytochrome P450 3A: ontogeny and drug disposition. <i>Clinical Pharmacokinetics</i> , <b>1999</b> , 37, 485-505	6.2	413
201	Glucuronidation in humans. Pharmacogenetic and developmental aspects. <i>Clinical Pharmacokinetics</i> , <b>1999</b> , 36, 439-52	6.2	296
200	Effect of intravenous paracetamol on postoperative morphine requirements in neonates and infants undergoing major noncardiac surgery: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2013</b> , 309, 149-54	27.4	146
199	Human Ontogeny of Drug Transporters: Review and Recommendations of the Pediatric Transporter Working Group. <i>Clinical Pharmacology and Therapeutics</i> , <b>2015</b> , 98, 266-87	6.1	123
198	Population pharmacokinetics and metabolism of midazolam in pediatric intensive care patients. <i>Critical Care Medicine</i> , <b>2003</b> , 31, 1952-8	1.4	106
197	Why has model-informed precision dosing not yet become common clinical reality? lessons from the past and a roadmap for the future. <i>Clinical Pharmacology and Therapeutics</i> , <b>2017</b> , 101, 646-656	6.1	105
196	Ontogeny of human hepatic and intestinal transporter gene expression during childhood: age matters. <i>Drug Metabolism and Disposition</i> , <b>2014</b> , 42, 1268-74	4	101
195	Acute kidney injury is a frequent complication in critically ill neonates receiving extracorporeal membrane oxygenation: a 14-year cohort study. <i>Critical Care</i> , <b>2013</b> , 17, R151	10.8	96
194	Optimal sedation in pediatric intensive care patients: a systematic review. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 1524-34	14.5	85
193	Pharmacokinetics and metabolism of oral midazolam in preterm infants. <i>British Journal of Clinical Pharmacology</i> , <b>2002</b> , 53, 390-2	3.8	77
192	The status of paediatric medicines initiatives around the world--What has happened and what has not?. <i>European Journal of Clinical Pharmacology</i> , <b>2012</b> , 68, 1-10	2.8	73
191	Pharmacokinetics and metabolism of intravenous midazolam in preterm infants. <i>Clinical Pharmacology and Therapeutics</i> , <b>2001</b> , 70, 525-31	6.1	71
190	Age and CYP3A5 genotype affect tacrolimus dosing requirements after transplant in pediatric heart recipients. <i>Journal of Heart and Lung Transplantation</i> , <b>2011</b> , 30, 1352-9	5.8	68
189	Impact of gastrointestinal physiology on drug absorption in special populations--An UNGAP review. <i>European Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 147, 105280	5.1	63
188	Ontogeny of oral drug absorption processes in children. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2012</b> , 8, 1293-303	5.5	61
187	A systematic review of the therapeutic effects of Reiki. <i>Journal of Alternative and Complementary Medicine</i> , <b>2009</b> , 15, 1157-69	2.4	60
186	Evidence-based morphine dosing for postoperative neonates and infants. <i>Clinical Pharmacokinetics</i> , <b>2014</b> , 53, 553-63	6.2	56

185	Profound changes in drug metabolism enzymes and possible effects on drug therapy in neonates and children. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2011</b> , 7, 935-48	5.5	56
184	Inflammation and Organ Failure Severely Affect Midazolam Clearance in Critically Ill Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 194, 58-66	10.2	55
183	Developmental changes in the expression and function of cytochrome P450 3A isoforms: evidence from in vitro and in vivo investigations. <i>Clinical Pharmacokinetics</i> , <b>2013</b> , 52, 333-45	6.2	55
182	Disease-Associated Changes in Drug Transporters May Impact the Pharmacokinetics and/or Toxicity of Drugs: A White Paper From the International Transporter Consortium. <i>Clinical Pharmacology and Therapeutics</i> , <b>2018</b> , 104, 900-915	6.1	53
181	Tailor-made drug treatment for children: creation of an infrastructure for data-sharing and population PK-PD modeling. <i>Drug Discovery Today</i> , <b>2009</b> , 14, 316-20	8.8	52
180	The interactions of age, genetics, and disease severity on tacrolimus dosing requirements after pediatric kidney and liver transplantation. <i>European Journal of Clinical Pharmacology</i> , <b>2011</b> , 67, 1231-41	2.8	51
179	Microdosing and Other Phase 0 Clinical Trials: Facilitating Translation in Drug Development. <i>Clinical and Translational Science</i> , <b>2016</b> , 9, 74-88	4.9	51
178	In vitro gastrointestinal model (TIM) with predictive power, even for infants and children?. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 457, 327-32	6.5	50
177	CYP3A4-V Polymorphism Detection by PCR-Restriction Fragment Length Polymorphism Analysis and Its Allelic Frequency among 199 Dutch Caucasians. <i>Clinical Chemistry</i> , <b>2000</b> , 46, 1834-1836	5.5	50
176	The COMFORT behaviour scale detects clinically meaningful effects of analgesic and sedative treatment. <i>European Journal of Pain</i> , <b>2015</b> , 19, 473-9	3.7	48
175	The CYP3A4*3 Allele: Is It Really Rare?. <i>Clinical Chemistry</i> , <b>2001</b> , 47, 1104-1106	5.5	47
174	Developing a paediatric drug formulary for the Netherlands. <i>Archives of Disease in Childhood</i> , <b>2017</b> , 102, 357-361	2.2	46
173	Tacrolimus-induced nephrotoxicity and genetic variability: a review. <i>Annals of Transplantation</i> , <b>2012</b> , 17, 111-21	1.4	46
172	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. <i>European Journal of Pediatrics</i> , <b>2020</b> , 179, 839-847	4.1	46
171	A Comprehensive Analysis of Ontogeny of Renal Drug Transporters: mRNA Analyses, Quantitative Proteomics, and Localization. <i>Clinical Pharmacology and Therapeutics</i> , <b>2019</b> , 106, 1083-1092	6.1	45
170	A randomized controlled trial of daily sedation interruption in critically ill children. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 233-44	14.5	45
169	Development of Human Membrane Transporters: Drug Disposition and Pharmacogenetics. <i>Clinical Pharmacokinetics</i> , <b>2016</b> , 55, 507-24	6.2	44
168	Pharmacokinetic studies in children: recommendations for practice and research. <i>Archives of Disease in Childhood</i> , <b>2018</b> , 103, 695-702	2.2	43

167	CYP3A4*22 and CYP3A combined genotypes both correlate with tacrolimus disposition in pediatric heart transplant recipients. <i>Pharmacogenomics</i> , <b>2013</b> , 14, 1027-36	2.6	41
166	Drug metabolism for the paediatrician. <i>Archives of Disease in Childhood</i> , <b>2014</b> , 99, 1137-42	2.2	39
165	Physiologically-based pharmacokinetic models for children: Starting to reach maturation?. <i>Pharmacology &amp; Therapeutics</i> , <b>2020</b> , 211, 107541	13.9	38
164	A Population Pharmacokinetic Model to Predict the Individual Starting Dose of Tacrolimus Following Pediatric Renal Transplantation. <i>Clinical Pharmacokinetics</i> , <b>2018</b> , 57, 475-489	6.2	36
163	A novel maturation function for clearance of the cytochrome P450 3A substrate midazolam from preterm neonates to adults. <i>Clinical Pharmacokinetics</i> , <b>2013</b> , 52, 555-65	6.2	36
162	CYP2D6 polymorphisms and codeine analgesia in postpartum pain management: a pilot study. <i>Therapeutic Drug Monitoring</i> , <b>2011</b> , 33, 425-32	3.2	35
161	The effect of inflammation on drug metabolism: a focus on pediatrics. <i>Drug Discovery Today</i> , <b>2011</b> , 16, 435-42	8.8	35
160	Challenges for drug studies in children: CYP3A phenotyping as example. <i>Drug Discovery Today</i> , <b>2009</b> , 14, 6-15	8.8	35
159	Critical illness is a major determinant of midazolam clearance in children aged 1 month to 17 years. <i>Therapeutic Drug Monitoring</i> , <b>2012</b> , 34, 381-9	3.2	35
158	Pharmacodynamics of midazolam in pediatric intensive care patients. <i>Therapeutic Drug Monitoring</i> , <b>2005</b> , 27, 98-102	3.2	35
157	Analgesia and Opioids: A Pharmacogenetics Shortlist for Implementation in Clinical Practice. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 1204-1213	5.5	33
156	Human Intestinal PEPT1 Transporter Expression and Localization in Preterm and Term Infants. <i>Drug Metabolism and Disposition</i> , <b>2016</b> , 44, 1014-9	4	33
155	Feasibility of sedation and analgesia interruption following cannulation in neonates on extracorporeal membrane oxygenation. <i>Intensive Care Medicine</i> , <b>2010</b> , 36, 1587-91	14.5	32
154	A population pharmacokinetic model for perioperative dosing of factor VIII in hemophilia A patients. <i>Haematologica</i> , <b>2016</b> , 101, 1159-1169	6.6	31
153	The use of dipyrrone (metamizol) as an analgesic in children: What is the evidence? A review. <i>Paediatric Anaesthesia</i> , <b>2017</b> , 27, 1193-1201	1.8	30
152	The effect of critical illness and inflammation on midazolam therapy in children. <i>Pediatric Critical Care Medicine</i> , <b>2012</b> , 13, e48-50	3	30
151	Pharmacotherapy in neonatal and pediatric extracorporeal membrane oxygenation (ECMO). <i>Current Drug Metabolism</i> , <b>2012</b> , 13, 767-77	3.5	30
150	Use of saliva in therapeutic drug monitoring of caffeine in preterm infants. <i>Therapeutic Drug Monitoring</i> , <b>2001</b> , 23, 250-4	3.2	30

149	Current challenges and future perspectives in oral absorption research: An opinion of the UNGAP network. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 171, 289-331	18.5	30
148	Informed consent for paediatric clinical trials in Europe. <i>Archives of Disease in Childhood</i> , <b>2016</b> , 101, 1017-1025	10.25	30
147	Proteomic Analysis of the Developmental Trajectory of Human Hepatic Membrane Transporter Proteins in the First Three Months of Life. <i>Drug Metabolism and Disposition</i> , <b>2016</b> , 44, 1005-13	4	29
146	Pediatric microdose study of [(14)C]paracetamol to study drug metabolism using accelerated mass spectrometry: proof of concept. <i>Clinical Pharmacokinetics</i> , <b>2014</b> , 53, 1045-51	6.2	29
145	P450 oxidoreductase *28 (POR*28) and tacrolimus disposition in pediatric kidney transplant recipients--a pilot study. <i>Therapeutic Drug Monitoring</i> , <b>2014</b> , 36, 152-8	3.2	29
144	Urinary neutrophil gelatinase-associated lipocalin identifies critically ill young children with acute kidney injury following intensive care admission: a prospective cohort study. <i>Critical Care</i> , <b>2015</b> , 19, 181	10.8	27
143	Pharmacokinetics and Target Attainment of Antibiotics in Critically Ill Children: A Systematic Review of Current Literature. <i>Clinical Pharmacokinetics</i> , <b>2020</b> , 59, 173-205	6.2	26
142	Proteomics of human liver membrane transporters: a focus on fetuses and newborn infants. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 124, 217-227	5.1	26
141	Rescue morphine in mechanically ventilated newborns associated with combined OPRM1 and COMT genotype. <i>Pharmacogenomics</i> , <b>2014</b> , 15, 1287-95	2.6	25
140	Pharmacology and pharmacogenetics of prednisone and prednisolone in patients with nephrotic syndrome. <i>Pediatric Nephrology</i> , <b>2019</b> , 34, 389-403	3.2	25
139	CKD and hypertension during long-term follow-up in children and adolescents previously treated with extracorporeal membrane oxygenation. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2014</b> , 9, 2070-8	6.9	24
138	The Effect of Weight and CYP3A5 Genotype on the Population Pharmacokinetics of Tacrolimus in Stable Paediatric Renal Transplant Recipients. <i>Clinical Pharmacokinetics</i> , <b>2016</b> , 55, 1129-43	6.2	24
137	Dosing algorithms for initiation of immunosuppressive drugs in solid organ transplant recipients. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2015</b> , 11, 921-36	5.5	23
136	Analgesia-sedation in PICU and neurological outcome: a secondary analysis of long-term neuropsychological follow-up in meningococcal septic shock survivors*. <i>Pediatric Critical Care Medicine</i> , <b>2014</b> , 15, 189-96	3	22
135	The effect of adult and pediatric cardiopulmonary bypass on pharmacokinetic and pharmacodynamic parameters. <i>Current Clinical Pharmacology</i> , <b>2013</b> , 8, 297-318	2.5	22
134	Predicting CYP3A-mediated midazolam metabolism in critically ill neonates, infants, children and adults with inflammation and organ failure. <i>British Journal of Clinical Pharmacology</i> , <b>2018</b> , 84, 358-368	3.8	22
133	The Ontogeny of UDP-glucuronosyltransferase Enzymes, Recommendations for Future Profiling Studies and Application Through Physiologically Based Pharmacokinetic Modelling. <i>Clinical Pharmacokinetics</i> , <b>2019</b> , 58, 189-211	6.2	21
132	Pediatric microdose and microtracer studies using 14C in Europe. <i>Clinical Pharmacology and Therapeutics</i> , <b>2015</b> , 98, 234-7	6.1	20

131	Ontogeny of midazolam glucuronidation in preterm infants. <i>European Journal of Clinical Pharmacology</i> , <b>2010</b> , 66, 165-70	2.8	20
130	Sedation in Critically Ill Children with Respiratory Failure. <i>Frontiers in Pediatrics</i> , <b>2016</b> , 4, 89	3.4	20
129	Population pharmacokinetics of intravenous clonidine for sedation during paediatric extracorporeal membrane oxygenation and continuous venovenous hemofiltration. <i>British Journal of Clinical Pharmacology</i> , <b>2017</b> , 83, 1227-1239	3.8	19
128	Reference intervals for renal injury biomarkers neutrophil gelatinase-associated lipocalin and kidney injury molecule-1 in young infants. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, 1279-89	5.9	19
127	Evaluation of drug formularies for pediatric intensive care. <i>Pediatric Critical Care Medicine</i> , <b>2011</b> , 12, e14-9	3.9	19
126	Facilitating the implementation of pharmacokinetic-guided dosing of prophylaxis in haemophilia care by discrete choice experiment. <i>Haemophilia</i> , <b>2016</b> , 22, e1-e10	3.3	19
125	Ontogeny of Hepatic Transporters and Drug-Metabolizing Enzymes in Humans and in Nonclinical Species. <i>Pharmacological Reviews</i> , <b>2021</b> , 73, 597-678	22.5	19
124	Clonidine as a First-Line Sedative Agent After Neonatal Cardiac Surgery: Retrospective Cohort Study. <i>Pediatric Critical Care Medicine</i> , <b>2016</b> , 17, 332-41	3	18
123	Pharmacodynamics of intravenous and oral midazolam in preterm infants. <i>Clinical Drug Investigation</i> , <b>2003</b> , 23, 27-38	3.2	18
122	Development of a physiologically-based pharmacokinetic pediatric brain model for prediction of cerebrospinal fluid drug concentrations and the influence of meningitis. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1007117	5	17
121	Ethics of drug research in the pediatric intensive care unit. <i>Paediatric Drugs</i> , <b>2015</b> , 17, 43-53	4.2	17
120	Chloroquine Dosing Recommendations for Pediatric COVID-19 Supported by Modeling and Simulation. <i>Clinical Pharmacology and Therapeutics</i> , <b>2020</b> , 108, 248-252	6.1	17
119	Acute liver failure after recommended doses of acetaminophen in patients with myopathies. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 678-82	1.4	17
118	First-Pass CYP3A-Mediated Metabolism of Midazolam in the Gut Wall and Liver in Preterm Neonates. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2018</b> , 7, 374-383	4.5	17
117	Protocolized post-operative pain management in infants; do we stick to it?. <i>European Journal of Pain</i> , <b>2012</b> , 16, 760-6	3.7	16
116	Characterization of Intestinal and Hepatic CYP3A-Mediated Metabolism of Midazolam in Children Using a Physiological Population Pharmacokinetic Modelling Approach. <i>Pharmaceutical Research</i> , <b>2018</b> , 35, 182	4.5	15
115	Advanced cancer pain: the search for genetic factors correlated with interindividual variability in opioid requirement. <i>Pharmacogenomics</i> , <b>2017</b> , 18, 1133-1142	2.6	15
114	Scaling of pharmacokinetics across paediatric populations: the lack of interpolative power of allometric models. <i>British Journal of Clinical Pharmacology</i> , <b>2012</b> , 74, 525-35	3.8	15



113	The CYP3A4*3 allele: is it really rare?. <i>Clinical Chemistry</i> , <b>2001</b> , 47, 1104-6	5.5	15
112	Successful Use of [C]Paracetamol Microdosing to Elucidate Developmental Changes in Drug Metabolism. <i>Clinical Pharmacokinetics</i> , <b>2017</b> , 56, 1185-1195	6.2	14
111	Monitoring Haloperidol Plasma Concentration and Associated Adverse Events in Critically Ill Children With Delirium: First Results of a Clinical Protocol Aimed to Monitor Efficacy and Safety. <i>Pediatric Critical Care Medicine</i> , <b>2018</b> , 19, e112-e119	3	14
110	Genetic variants associated with thermal pain sensitivity in a paediatric population. <i>Pain</i> , <b>2016</b> , 157, 2476-2482	14	
109	Effects of renal denervation on cardiovascular and renal responses to ACE inhibition in conscious lambs. <i>Journal of Applied Physiology</i> , <b>1997</b> , 83, 414-9	3.7	14
108	<sup>13</sup> C-erythromycin breath test as a noninvasive measure of CYP3A activity in newborn infants: a pilot study. <i>Therapeutic Drug Monitoring</i> , <b>2007</b> , 29, 225-30	3.2	14
107	SLC22A1/OCT1 Genotype Affects O-desmethyltramadol Exposure in Newborn Infants. <i>Therapeutic Drug Monitoring</i> , <b>2016</b> , 38, 487-92	3.2	14
106	CYP3A4-V polymorphism detection by PCR-restriction fragment length polymorphism analysis and its allelic frequency among 199 Dutch Caucasians. <i>Clinical Chemistry</i> , <b>2000</b> , 46, 1834-6	5.5	14
105	Orodispersible minitables of enalapril for use in children with heart failure (LENA): Rationale and protocol for a multicentre pharmacokinetic bridging study and follow-up safety study. <i>Contemporary Clinical Trials Communications</i> , <b>2019</b> , 15, 100393	1.8	13
104	Effect of hypothermia and extracorporeal life support on drug disposition in neonates. <i>Seminars in Fetal and Neonatal Medicine</i> , <b>2013</b> , 18, 23-7	3.7	13
103	Does minimal access major surgery in the newborn hurt less? An evaluation of cumulative opioid doses. <i>European Journal of Pain</i> , <b>2011</b> , 15, 615-20	3.7	13
102	The effect of distant reiki on pain in women after elective Caesarean section: a double-blinded randomised controlled trial. <i>BMJ Open</i> , <b>2011</b> , 1, e000021	3	13
101	Adverse events of haloperidol for the treatment of delirium in critically ill children. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1602-3	14.5	12
100	Reference ranges for serum trace protein in neonates and children younger than 1 year of age. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2014</b> , 52, 1815-21	5.9	12
99	Unintended pregnancy during radiotherapy for cancer. <i>Nature Reviews Clinical Oncology</i> , <b>2009</b> , 6, 175-8	19.4	12
98	Pharmacokinetics, Pharmacodynamics, and Immunogenicity of Infliximab in Pediatric Inflammatory Bowel Disease: A Systematic Review and Revised Dosing Considerations. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2020</b> , 70, 763-776	2.8	12
97	Developmental patterns in human blood-brain barrier and blood-cerebrospinal fluid barrier ABC drug transporter expression. <i>Histochemistry and Cell Biology</i> , <b>2020</b> , 154, 265-273	2.4	12
96	Roles of Clinical Research Networks in Pediatric Drug Development. <i>Clinical Therapeutics</i> , <b>2017</b> , 39, 1939-1948	11	

95	Short-Term Health-Related Quality of Life of Critically Ill Children Following Daily Sedation Interruption. <i>Pediatric Critical Care Medicine</i> , <b>2016</b> , 17, e513-e520	3	11
94	Combining Brain Microdialysis and Translational Pharmacokinetic Modeling to Predict Drug Concentrations in Pediatric Severe Traumatic Brain Injury: The Next Step Toward Evidence-Based Pharmacotherapy?. <i>Journal of Neurotrauma</i> , <b>2019</b> , 36, 111-117	5.4	11
93	Incorporating Ontogeny in Physiologically Based Pharmacokinetic Modeling to Improve Pediatric Drug Development: What We Know About Developmental Changes in Membrane Transporters. <i>Journal of Clinical Pharmacology</i> , <b>2019</b> , 59 Suppl 1, S56-S69	2.9	11
92	Daily interruption of sedation in critically ill children: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2014</b> , 15, 55	2.8	11
91	Knowledge of developmental pharmacology and modeling approaches should be used to avoid useless trials in children. <i>European Journal of Clinical Pharmacology</i> , <b>2009</b> , 65, 849-50; author reply 851-2 <sup>2.8</sup>	2.8	11
90	The research gap in chronic paediatric pain: A systematic review of randomised controlled trials. <i>European Journal of Pain</i> , <b>2018</b> , 22, 261-271	3.7	11
89	Hemodynamic Tolerance to IV Clonidine Infusion in the PICU. <i>Pediatric Critical Care Medicine</i> , <b>2018</b> , 19, e409-e416	3	10
88	Prevalence of renal dysfunction in tacrolimus-treated pediatric transplant recipients: a systematic review. <i>Pediatric Transplantation</i> , <b>2013</b> , 17, 205-15	1.8	10
87	Perspectives of adolescents on decision making about participation in a biobank study: a pilot study. <i>BMJ Paediatrics Open</i> , <b>2017</b> , 1, e000111	2.4	10
86	Re: Apnea in a child after oral codeine: a genetic variant - an ultra-rapid metabolizer [corrected]. <i>Paediatric Anaesthesia</i> , <b>2008</b> , 18, 273-4; author reply 275-6	1.8	10
85	Renal nerves do not modulate the renal and endocrine responses to furosemide in conscious lambs. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>1996</b> , 74, 614-620	2.4	10
84	Morphine-induced muscle rigidity in a term neonate. <i>Annals of Pharmacotherapy</i> , <b>2009</b> , 43, 1724-6	2.9	9
83	Information technology cannot guarantee patient safety. <i>BMJ, The</i> , <b>2007</b> , 334, 851-2	5.9	9
82	Enteral Acetaminophen Bioavailability in Pediatric Intensive Care Patients Determined With an Oral Microtracer and Pharmacokinetic Modeling to Optimize Dosing. <i>Critical Care Medicine</i> , <b>2019</b> , 47, e975-e983	1.4	9
81	Oral lorazepam can be substituted for intravenous midazolam when weaning paediatric intensive care patients off sedation. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2018</b> , 107, 1594	3.1	8
80	Biomarkers and clinical tools in critically ill children: are we heading toward tailored drug therapy?. <i>Biomarkers in Medicine</i> , <b>2012</b> , 6, 239-57	2.3	8
79	Pharmacotherapeutic management of paediatric heart failure and ACE-I use patterns: a European survey. <i>BMJ Paediatrics Open</i> , <b>2019</b> , 3, e000365	2.4	7
78	and polymorphisms: implications on postoperative acute, chronic and experimental pain after cardiac surgery. <i>Pharmacogenomics</i> , <b>2020</b> , 21, 181-193	2.6	7



77	Dose-linearity of the pharmacokinetics of an intravenous [ C]midazolam microdose in children. <i>British Journal of Clinical Pharmacology</i> , <b>2019</b> , 85, 2332-2340	3.8	7
76	Loop diuretics are an independent risk factor for acute kidney injury in children on extracorporeal membrane oxygenation with pre-emptive continuous hemofiltration. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 627-8	14.5	7
75	Propylene Glycol-Related Delirium After Esmolol Infusion. <i>Annals of Pharmacotherapy</i> , <b>2014</b> , 48, 940-942.	2.9	7
74	The potential impact of hematocrit correction on evaluation of tacrolimus target exposure in pediatric kidney transplant patients. <i>Pediatric Nephrology</i> , <b>2019</b> , 34, 507-515	3.2	7
73	The Oral Bioavailability and Metabolism of Midazolam in Stable Critically Ill Children: A Pharmacokinetic Microtracing Study. <i>Clinical Pharmacology and Therapeutics</i> , <b>2021</b> , 109, 140-149	6.1	7
72	Recently Registered Midazolam Doses for Preterm Neonates Do Not Lead to Equal Exposure: A Population Pharmacokinetic Model. <i>Journal of Clinical Pharmacology</i> , <b>2019</b> , 59, 1300-1308	2.9	6
71	Diagnosis and Treatment of Chronic Neuropathic and Mixed Pain in Children and Adolescents: Results of a Survey Study amongst Practitioners. <i>Children</i> , <b>2020</b> , 7,	2.8	6
70	External Validation of Model-Based Dosing Guidelines for Vancomycin, Gentamicin, and Tobramycin in Critically Ill Neonates and Children: A Pragmatic Two-Center Study. <i>Paediatric Drugs</i> , <b>2020</b> , 22, 433-444.	4.2	6
69	Probability of rash related to gabapentin therapy in a child. <i>Annals of Pharmacotherapy</i> , <b>2009</b> , 43, 387-9	2.9	6
68	Daily interruption of sedation in critically ill children. <i>Pediatric Critical Care Medicine</i> , <b>2012</b> , 13, 122; author reply 122-3	3	6
67	Pharmacology of enalapril in children: a review. <i>Drug Discovery Today</i> , <b>2020</b> , 25, 1957-1957	8.8	6
66	A Comparative Analysis of Preemptive Versus Targeted Sedation on Cardiovascular Stability After High-Risk Cardiac Surgery in Infants. <i>Pediatric Critical Care Medicine</i> , <b>2016</b> , 17, 321-31	3	6
65	Pediatric Pharmacokinetics and Dose Predictions: A Report of a Satellite Meeting to the 10th Juvenile Toxicity Symposium. <i>Clinical and Translational Science</i> , <b>2021</b> , 14, 29-35	4.9	6
64	Target attainment of cefotaxime in critically ill children with meningococcal septic shock as a model for cefotaxime dosing in severe pediatric sepsis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2019</b> , 38, 1255-1260	5.3	5
63	Urinary Neutrophil Gelatinase-Associated Lipocalin Predicts Renal Injury Following Extracorporeal Membrane Oxygenation. <i>Pediatric Critical Care Medicine</i> , <b>2015</b> , 16, 663-70	3	5
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