

Johannes N Van Den Anker

List of Publications by Year in descending order

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185
papers

3,541
citations

147566

31
h-index

197535

49
g-index

192
all docs

192
docs citations

192
times ranked

4262
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacoethics and pregnancy: Overcoming the therapeutic orphan stigma. <i>British Journal of Clinical Pharmacology</i> , 2023, 89, 483-490.	1.1	3
2	Population Pharmacokinetics and Safety of Dasatinib in Chinese Children with Core-Binding Factor Acute Myeloid Leukemia. <i>Clinical Pharmacokinetics</i> , 2022, 61, 71-81.	1.6	3
3	OUP accepted manuscript. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 448-456.	1.3	3
4	Acute serum protein and cytokine response of single dose of prednisone in adult volunteers. <i>Steroids</i> , 2022, 178, 108953.	0.8	4
5	Optimal Sample Size for Use in Neonatal Pharmacokinetic Studies. <i>Therapeutic Innovation and Regulatory Science</i> , 2022, , 1.	0.8	0
6	Pharmacogenetic and clinical predictors of ondansetron failure in a diverse pediatric oncology population. <i>Supportive Care in Cancer</i> , 2022, 30, 3513-3520.	1.0	4
7	Plasma concentration guided dosing of drugs used for the treatment of childhood leukaemias: protocol for a systematic review. <i>BMJ Open</i> , 2022, 12, e053308.	0.8	0
8	Optimal dose of meropenem for the treatment of neonatal sepsis: Dosing guideline variations and clinical practice deviations. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 3483-3489.	1.1	5
9	From immature pharmacotherapy towards pharmacotherapy of the immature. <i>Seminars in Fetal and Neonatal Medicine</i> , 2022, 27, 101327.	1.1	2
10	Predictive Performance of Pharmacokinetic Model-Based Virtual Trials of Vancomycin in Neonates: Mathematics Matches Clinical Observation. <i>Clinical Pharmacokinetics</i> , 2022, 61, 1027-1038.	1.6	4
11	Optimal use of intravenous tranexamic acid for hemorrhage prevention in pregnant women. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 225, 85.e1-85.e11.	0.7	24
12	Drug-drug and drug-food interactions in an infant with early-onset SCN2A epilepsy treated with carbamazepine, phenytoin and a ketogenic diet. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 1568-1573.	1.1	6
13	Population Pharmacokinetics and Dosing Optimization of Amoxicillin in Chinese Infants. <i>Journal of Clinical Pharmacology</i> , 2021, 61, 538-546.	1.0	5
14	Population pharmacokinetics and dosing optimization of azlocillin in neonates with early-onset sepsis: a real-world study. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 699-709.	1.3	11
15	Application of a plasmin generation assay to define pharmacodynamic effects of tranexamic acid in women undergoing cesarean delivery. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 221-232.	1.9	23
16	Characterizing dynamics of serum creatinine and creatinine clearance in extremely low birth weight neonates during the first 6 weeks of life. <i>Pediatric Nephrology</i> , 2021, 36, 649-659.	0.9	17
17	Monitoring the recovery time of children after tonsillectomy using commercial activity trackers. <i>European Journal of Pediatrics</i> , 2021, 180, 527-533.	1.3	3
18	Amikacin or Vancomycin Exposure Alters the Postnatal Serum Creatinine Dynamics in Extreme Low Birth Weight Neonates. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 662.	1.2	7

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19	Intrauterine Growth Retardation in Pregnant Women with Long QT Syndrome Treated with Beta-Receptor Blockers. <i>Neonatology</i> , 2021, 118, 406-415.	0.9	8
20	Not Only Preterm Neonates Mature but Also Traditional Dosing Regimens Have to Mature: The Role of Mathematical Modeling. <i>Neonatology</i> , 2021, 118, 114-115.	0.9	0
21	Pharmacokinetics and safety of pegylated recombinant human granulocyte colony-stimulating factor in children with acute leukaemia. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 3292-3300.	1.1	2
22	Physiologically Based Pharmacokinetic Modeling Framework to Predict Neonatal Pharmacokinetics of Transplacentally Acquired Emtricitabine, Dolutegravir, and Raltegravir. <i>Clinical Pharmacokinetics</i> , 2021, 60, 795-809.	1.6	14
23	COVID-19 in Autoinflammatory Diseases with Immunosuppressive Treatment. <i>Journal of Clinical Medicine</i> , 2021, 10, 605.	1.0	13
24	Pharmacometric Evaluation of Umbilical Cord Blood Concentration-Based Early Initiation of Treatment in Methadone-Exposed Preterm Neonates. <i>Children</i> , 2021, 8, 174.	0.6	1
25	Is it time to replace morphine with methadone for the treatment of pain in the neonatal intensive care unit?. <i>Pediatric Research</i> , 2021, 89, 1608-1609.	1.1	1
26	Serum Creatinine and Serum Cystatin C are Both Relevant Renal Markers to Estimate Vancomycin Clearance in Critically Ill Neonates. <i>Frontiers in Pharmacology</i> , 2021, 12, 634686.	1.6	4
27	Population Pharmacokinetic Study of Cefthiamidone in Infants With Augmented Renal Clearance. <i>Frontiers in Pharmacology</i> , 2021, 12, 630047.	1.6	5
28	Population pharmacokinetics and pharmacodynamics of Tranexamic acid in women undergoing caesarean delivery. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 3531-3541.	1.1	15
29	Adolescents and Drug Development: Commentary on a Dawning Paradigm Shift. <i>Journal of Clinical Pharmacology</i> , 2021, 61, 740-743.	1.0	2
30	IV and oral fosfomycin pharmacokinetics in neonates with suspected clinical sepsis. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1855-1864.	1.3	21
31	Pharmacological treatment of neonatal pain: are we ready for a paradigm shift? Comment on Br J Anaesth 2021; 126: e133-5. <i>British Journal of Anaesthesia</i> , 2021, 126, e135-e136.	1.5	1
32	Drug Clearance in Neonates: A Combination of Population Pharmacokinetic Modelling and Machine Learning Approaches to Improve Individual Prediction. <i>Clinical Pharmacokinetics</i> , 2021, 60, 1435-1448.	1.6	20
33	Novel strategy to personalise use of ibuprofen for closure of patent ductus arteriosus in preterm neonates. <i>Archives of Disease in Childhood</i> , 2021, , archdischild-2020-321381.	1.0	4
34	Efficacy and safety of vasopressin and terlipressin in preterm neonates: a protocol for a systematic review. <i>BMJ Paediatrics Open</i> , 2021, 5, e001067.	0.6	3
35	Population Model of Serum Creatinine as Time-Dependent Covariate in Neonates. <i>AAPS Journal</i> , 2021, 23, 86.	2.2	7
36	Neonatal and Pediatric Dose Selection: Quo Vadis?. <i>Journal of Clinical Pharmacology</i> , 2021, 61, S7-S8.	1.0	2

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37	Progress in Drug Developmentâ€œPediatric Dose Selection: Workshop Summary. <i>Journal of Clinical Pharmacology</i> , 2021, 61, S13-S21.	1.0	3
38	Considerations for Drug Dosing in Premature Infants. <i>Journal of Clinical Pharmacology</i> , 2021, 61, S141-S151.	1.0	9
39	Evaluation of Physiologically Based Pharmacokinetic Models to Predict the Absorption of BCS Class I Drugs in Different Pediatric Age Groups. <i>Journal of Clinical Pharmacology</i> , 2021, 61, S94-S107.	1.0	1
40	Personalised therapeutic management of epileptic patients guided by pathway-driven breath metabolomics. <i>Communications Medicine</i> , 2021, 1, .	1.9	16
41	Therapeutic drug monitoring of antimicrobial drugs in neonates. An opinion paper. <i>Therapeutic Drug Monitoring</i> , 2021, Publish Ahead of Print, .	1.0	6
42	LPS-Induced Inflammation Affects Midazolam Clearance in Juvenile Mice in an Age-Dependent Manner. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 3697-3706.	1.6	3
43	Effect of Genetic Variation in CYP450 on Gonadal Impairment in a European Cohort of Female Childhood Cancer Survivors, Based on a Candidate Gene Approach: Results from the PanCareLIFE Study. <i>Cancers</i> , 2021, 13, 4598.	1.7	8
44	A simplified method for bortezomib determination using dried blood spots in combination with liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1181, 122905.	1.2	6
45	Clinical utility of a modelâ€œbased piperacillin dose in neonates with earlyâ€œonset sepsis. <i>British Journal of Clinical Pharmacology</i> , 2021, , .	1.1	1
46	Population Pharmacokinetics and Dosing Optimization of Vancomycin in Infants, Children, and Adolescents with Augmented Renal Clearance. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0089721.	1.4	13
47	Mechanistic Coupling of a Novel in silico Cotyledon Perfusion Model and a Physiologically Based Pharmacokinetic Model to Predict Fetal Acetaminophen Pharmacokinetics at Delivery. <i>Frontiers in Pediatrics</i> , 2021, 9, 733520.	0.9	10
48	Strikingly Decreased Community-acquired Pneumonia Admissions in Children Despite Open Schools and Day-care Facilities in Switzerland. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, e171-e172.	1.1	5
49	Age appropriate reference intervals for eight kidney function and injury markers in infants, children and adolescents. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 373-382.	1.4	7
50	Mechanistic Modeling of Placental Drug Transfer in Humans: How Do Differences in Maternal/Fetal Fraction of Unbound Drug and Placental Influx/Efflux Transfer Rates Affect Fetal Pharmacokinetics?. <i>Frontiers in Pediatrics</i> , 2021, 9, 723006.	0.9	7
51	Efficacy and safety of low-dose versus high-dose hydrocortisone to treat hypotension in neonates: a protocol for a systematic review and meta-analysis. <i>BMJ Paediatrics Open</i> , 2021, 5, e001200.	0.6	0
52	Physiologically Based Pharmacokinetic Modeling to Characterize Acetaminophen Pharmacokinetics and N-Acetyl-p-Benzoquinone Imine (NAPQI) Formation in Non-Pregnant and Pregnant Women. <i>Clinical Pharmacokinetics</i> , 2020, 59, 97-110.	1.6	38
53	Physiologically Based Pharmacokinetic Models to Predict Maternal Pharmacokinetics and Fetal Exposure to Emtricitabine and Acyclovir. <i>Journal of Clinical Pharmacology</i> , 2020, 60, 240-255.	1.0	34
54	Beyond the Randomized Clinical Trial: Innovative Data Science to Close the Pediatric Evidence Gap. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 786-795.	2.3	25

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55	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> , 2020, 179, 839-847.	1.3	84
56	Creatinine at Birth Correlates with Gestational Age and Birth Weight: Another Factor of the Imbroglio in Early Neonatal Life. <i>Neonatology</i> , 2020, 117, 637-640.	0.9	8
57	Approaches to Dose Finding in Neonates, Illustrating the Variability between Neonatal Drug Development Programs. <i>Pharmaceutics</i> , 2020, 12, 685.	2.0	20
58	New Ways to Measure the Effect of Pharmacotherapy in Newborn Infants: Feasible or Not That Much?. <i>Neonatology</i> , 2020, 117, 436-437.	0.9	2
59	Amoxicillin Dosing Regimens for the Treatment of Neonatal Sepsis: Balancing Efficacy and Neurotoxicity. <i>Neonatology</i> , 2020, 117, 619-627.	0.9	9
60	Carbapenem-Resistant Enterobacteriaceae Bloodstream Infection Treated Successfully With High-Dose Meropenem in a Preterm Neonate. <i>Frontiers in Pharmacology</i> , 2020, 11, 566060.	1.6	8
61	Preterm health: time to bridge the evidence gap. <i>Lancet, The</i> , 2020, 396, 872-873.	6.3	16
62	Serum miRNAs Are Pharmacodynamic Biomarkers Associated With Therapeutic Response in Pediatric Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 1597-1606.	0.9	27
63	Optimal Dosing of Ceftriaxone in Infants Based on a Developmental Population Pharmacokinetic-Pharmacodynamic Analysis. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	6
64	Treatment of Rare Inflammatory Kidney Diseases: Drugs Targeting the Terminal Complement Pathway. <i>Frontiers in Immunology</i> , 2020, 11, 599417.	2.2	31
65	Oral drugs used to treat persistent pulmonary hypertension of the newborn. <i>Expert Review of Clinical Pharmacology</i> , 2020, 13, 1295-1308.	1.3	5
66	Combined Pediatric and Adult Trials Submitted to the US Food and Drug Administration 2012â€“2018. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 108, 1018-1025.	2.3	15
67	Prediction of Maternal and Fetal Pharmacokinetics of Dolutegravir and Raltegravir Using Physiologically Based Pharmacokinetic Modeling. <i>Clinical Pharmacokinetics</i> , 2020, 59, 1433-1450.	1.6	16
68	Renal Precision Medicine in Neonates and Acute Kidney Injury: How to Convert a Cloud of Creatinine Observations to Support Clinical Decisions. <i>Frontiers in Pediatrics</i> , 2020, 8, 366.	0.9	34
69	Acetaminophen Use in Pregnant Women and Their Neonates: Safe or Unsafe till Proven Otherwise?. <i>Neonatology</i> , 2020, 117, 249-251.	0.9	5
70	Special management considerations for propranolol use in breastfed infants of mothers taking antihypertensives. <i>Pediatric Dermatology</i> , 2020, 37, 537-540.	0.5	2
71	Implications of Perioperative Polypharmacy in Adolescents Undergoing Bariatric Surgery: a Single-Center Experience. <i>Obesity Surgery</i> , 2020, 30, 2832-2835.	1.1	3
72	Anatomical and physiological alterations of pregnancy. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2020, 47, 271-285.	0.8	71

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73	Chloroquine for SARS-CoV-2: Implications of Its Unique Pharmacokinetic and Safety Properties. <i>Clinical Pharmacokinetics</i> , 2020, 59, 659-669.	1.6	50
74	Creatinine Trends to Detect Ibuprofen-Related Maturational Adverse Drug Events in Neonatal Life: A Simulation Study for the ELBW Newborn. <i>Frontiers in Pharmacology</i> , 2020, 11, 610294.	1.6	3
75	Long-term safety of prenatal and neonatal exposure to paracetamol: a protocol for a systematic review. <i>BMJ Paediatrics Open</i> , 2020, 4, e000907.	0.6	3
76	Randomised placebo-controlled multicentre effectiveness trial of adjunct betamethasone therapy in hospitalised children with community-acquired pneumonia: a trial protocol for the KIDS-STEP trial. <i>BMJ Open</i> , 2020, 10, e041937.	0.8	1
77	Characterization of Maternal and Neonatal Pharmacokinetic Behavior of Ceftazidime. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 74-82.	1.0	7
78	Surrogate Endpoints in Pediatric Studies Submitted to the US FDA. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 555-557.	2.3	5
79	Dose evaluation of intravenous metamizole (dipyrone) in infants and children: a prospective population pharmacokinetic study. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 1491-1502.	0.8	6
80	Phenobarbital Increases Midazolam Clearance in Neonates Treated with Hypothermia: Do We Really Need to Know?. <i>Neonatology</i> , 2019, 116, 188-190.	0.9	1
81	Drug Transporters Expressed in the Human Placenta and Models for Studying Maternal-Fetal Drug Transfer. <i>Journal of Clinical Pharmacology</i> , 2019, 59, S70-S81.	1.0	33
82	Population pharmacokinetic modeling to facilitate dose selection of tapentadol in the pediatric population. <i>Journal of Pain Research</i> , 2019, Volume 12, 2835-2850.	0.8	8
83	Pediatric Ontogeny: Moving From Translational Science to Drug Development. <i>Journal of Clinical Pharmacology</i> , 2019, 59, S7-S8.	1.0	4
84	Age-Dependent Changes of Kidney Injury Biomarkers in Pediatrics. <i>Journal of Clinical Pharmacology</i> , 2019, 59, S21-S32.	1.0	11
85	Paediatric extrapolation: the panacea for paediatric drug development?. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 672-674.	1.1	3
86	A Comparison of Pediatric and Adult Safety Studies for Antipsychotic and Antidepressant Drugs Submitted to the United States Food and Drug Administration. <i>Journal of Pediatrics</i> , 2019, 208, 236-242.e3.	0.9	32
87	Intravenous or Oral Acetaminophen for Analgesia After Cesarean Section: Exposure Drives Pain Relief. <i>Pain Medicine</i> , 2019, 20, 2329-2331.	0.9	1
88	The challenge of developing pain medications for children: therapeutic needs and future perspectives. <i>Journal of Pain Research</i> , 2019, Volume 12, 1649-1664.	0.8	18
89	Population Pharmacokinetic Modeling in the Presence of Missing Time-Dependent Covariates: Impact of Body Weight on Pharmacokinetics of Paracetamol in Neonates. <i>AAPS Journal</i> , 2019, 21, 68.	2.2	3
90	Methadone dosing strategies in preterm neonates can be simplified. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 1348-1356.	1.1	10

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91	Maturational changes in vancomycin protein binding affect vancomycin dosing in neonates. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 865-867.	1.1	15
92	Monoclonal Antibodies and Fc-Fusion Proteins for Pediatric Use: Dosing, Immunogenicity, and Modeling and Simulation in Data Submitted to the US Food and Drug Administration. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 1130-1143.	1.0	25
93	Clinical Pharmacology and Pharmacometrics to Better Understand Physiological Changes During Pregnancy and Neonatal Life. <i>Handbook of Experimental Pharmacology</i> , 2019, 261, 325-337.	0.9	10
94	Author response. <i>Annals of Allergy, Asthma and Immunology</i> , 2019, 122, 434-435.	0.5	0
95	Changes in microbiome diversity following beta-lactam antibiotic treatment are associated with therapeutic versus subtherapeutic antibiotic exposure in cystic fibrosis. <i>Scientific Reports</i> , 2019, 9, 2534.	1.6	17
96	Efficacy and safety of multiple doses of tapentadol oral solution in the treatment of moderate to severe acute pain in children aged 2 to <18 years – a randomized, double-blind, placebo-controlled trial. <i>Journal of Pain Research</i> , 2019, Volume 12, 3099-3112.	0.8	11
97	Making Meaningful Improvements in Pharmacotherapy and Medication Management for Children and Youth – A Modest Proposal. <i>Children</i> , 2019, 6, 111.	0.6	0
98	Prescription Drug Shortages: Impact on Neonatal Intensive Care. <i>Neonatology</i> , 2019, 115, 108-115.	0.9	6
99	Use of a personalized phenytoin dosing approach to manage difficult to control seizures in an infant with a SCN2A mutation. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 737-739.	0.8	5
100	Use of inhaled steroids to prevent bronchopulmonary dysplasia: a matter of great debate. <i>Archives of Disease in Childhood</i> , 2019, 104, 924.1-925.	1.0	0
101	Severity of asphyxia is a covariate of phenobarbital clearance in newborns undergoing hypothermia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 2302-2309.	0.7	6
102	Personalized weight change prediction in the first week of life. <i>Clinical Nutrition</i> , 2019, 38, 689-696.	2.3	11
103	Clinical Pharmacokinetic Studies in Pregnant Women and the Relevance of Pharmacometric Tools. <i>Current Pharmaceutical Design</i> , 2019, 25, 483-495.	0.9	27
104	Prevalence of high-risk drug-drug interactions in paediatric inpatients: a retrospective, single-centre cohort analysis. <i>Swiss Medical Weekly</i> , 2019, 149, w20103.	0.8	0
105	Quantitative Analysis of Gentamicin Exposure in Neonates and Infants Calls into Question Its Current Dosing Recommendations. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	25
106	Population Pharmacokinetics of Intramuscular and Intravenous Ketamine in Children. <i>Journal of Clinical Pharmacology</i> , 2018, 58, 1092-1104.	1.0	14
107	Physiologically Based Pharmacokinetic Modeling in Pregnancy: A Systematic Review of Published Models. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 1110-1124.	2.3	57
108	How reliable are commercially available trackers in detecting daytime sleep. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 605-606.	1.1	5

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109	Safety of dipyron (metamizole) in children—What's the risk of agranulocytosis?. Paediatric Anaesthesia, 2018, 28, 186-187.	0.6	11
110	Long-Term Effects of Inhaled Budesonide for Bronchopulmonary Dysplasia. New England Journal of Medicine, 2018, 378, 148-157.	13.9	107
111	Antibiotic therapy in neonates and impact on gut microbiota and antibiotic resistance development: a systematic review. Journal of Antimicrobial Chemotherapy, 2018, 73, 569-580.	1.3	89
112	Acetaminophen in the Neonatal Intensive Care Unit: Shotgun Approach or Silver Bullet. Journal of Pediatrics, 2018, 198, 10-11.	0.9	18
113	No, we are not—we keep forgetting the right ventricle. European Journal of Clinical Pharmacology, 2018, 74, 141-143.	0.8	2
114	Pharmacokinetics of Fentanyl and Its Derivatives in Children: A Comprehensive Review. Clinical Pharmacokinetics, 2018, 57, 125-149.	1.6	49
115	Longitudinal trends in U.S. shortages of sterile solutions, 2001–17. American Journal of Health-System Pharmacy, 2018, 75, 1903-1908.	0.5	7
116	Key Components for Antibiotic Dose Optimization of Sepsis in Neonates and Infants. Frontiers in Pediatrics, 2018, 6, 325.	0.9	21
117	Reviewing the WHO guidelines for antibiotic use for sepsis in neonates and children. Paediatrics and International Child Health, 2018, 38, S3-S15.	0.3	102
118	Antibiotic use for community-acquired pneumonia in neonates and children: WHO evidence review. Paediatrics and International Child Health, 2018, 38, S66-S75.	0.3	72
119	Management of anaphylaxis and allergies in patients with long QT syndrome. Annals of Allergy, Asthma and Immunology, 2018, 121, 545-551.	0.5	10
120	Comorbidity of Migraine and Epilepsy in Pediatrics: A Review. Journal of Child Neurology, 2018, 33, 801-808.	0.7	9
121	Optimising β -lactam Dosing in Neonates: A Review of Pharmacokinetics, Drug Exposure and Pathogens. Current Pharmaceutical Design, 2018, 23, 5805-5838.	0.9	7
122	The Interaction between Sildenafil and Phenobarbital in Infants with Congenital Heart Defects. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-15-19.	0.0	0
123	Evidence-based drug treatment for special patient populations through model-based approaches. European Journal of Pharmaceutical Sciences, 2017, 109, S22-S26.	1.9	37
124	The Potential Role of Fosfomycin in Neonatal Sepsis Caused by Multidrug-Resistant Bacteria. Drugs, 2017, 77, 941-950.	4.9	12
125	Efficacy and Safety of Ibuprofen in Infants Aged Between 3 and 6 Months. Paediatric Drugs, 2017, 19, 277-290.	1.3	26
126	Non-maturational covariates for dynamic systems pharmacology models in neonates, infants, and children: Filling the gaps beyond developmental pharmacology. European Journal of Pharmaceutical Sciences, 2017, 109, S27-S31.	1.9	37

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127	Antibiotic exposure in neonates and early adverse outcomes: a systematic review and meta-analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 1858-1870.	1.3	123
128	Use of Fentanyl in Adolescents with Clinically Severe Obesity Undergoing Bariatric Surgery: A Pilot Study. <i>Paediatric Drugs</i> , 2017, 19, 251-257.	1.3	22
129	Inhaled Drugs and Systemic Corticosteroids for Bronchopulmonary Dysplasia. <i>Pediatric Clinics of North America</i> , 2017, 64, 1355-1367.	0.9	11
130	Augmented Renal Clearance in Critically Ill Pediatric Patients: Does It Impact the Outcome of Pharmacotherapy?*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 901-902.	0.2	7
131	Perinatal and neonatal use of paracetamol for pain relief. <i>Seminars in Fetal and Neonatal Medicine</i> , 2017, 22, 308-313.	1.1	43
132	Caffeine Citrate Dosing Adjustments to Assure Stable Caffeine Concentrations in Preterm Neonates. <i>Journal of Pediatrics</i> , 2017, 191, 50-56.e1.	0.9	31
133	Different Vancomycin Immunoassays Contribute to the Variability in Vancomycin Trough Measurements in Neonates. <i>BioMed Research International</i> , 2016, 2016, 1-4.	0.9	11
134	PHARMACOKINETIC STUDIES IN NEONATES: IS AN OPPORTUNISTIC SAMPLING STRATEGY SUFFICIENT FOR POPULATION PHARMACOKINETIC MODELLING AND DOSE PREDICTION?. <i>Archives of Disease in Childhood</i> , 2016, 101, e1.11-e1.	1.0	0
135	Pharmacokinetic models of morphine and its metabolites in neonates. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 92, 117-130.	1.9	29
136	Population Pharmacokinetic Assessment and Pharmacodynamic Implications of Pediatric Cefepime Dosing for Susceptible-Dose-Dependent Organisms. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2150-2156.	1.4	37
137	AVAILABILITY OF PEDIATRIC FORMULATIONS FOR THE 100 MOST PRESCRIBED DRUGS IN PEDIATRIC AMBULATORY CARE – 2002 VS. 2010. <i>Archives of Disease in Childhood</i> , 2016, 101, e1.4-e1.	1.0	0
138	Causes and Consequences of Variability in Drug Transporter Activity in Pediatric Drug Therapy. <i>Journal of Clinical Pharmacology</i> , 2016, 56, S173-92.	1.0	18
139	Pharmacometric Approaches to Personalize Use of Primarily Renally Eliminated Antibiotics in Preterm and Term Neonates. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 909-935.	1.0	61
140	Multiple Sclerosis in Pediatrics: Current Concepts and Treatment Options. <i>Neurology and Therapy</i> , 2016, 5, 131-143.	1.4	20
141	A SYSTEMS PHARMACOLOGY MODEL TO EXPLAIN DEVELOPMENTAL DIFFERENCES IN SENSITIVITY TO DRUG-INDUCED QT PROLONGATION. <i>Archives of Disease in Childhood</i> , 2016, 101, e1.17-e1.	1.0	0
142	Evidence-Based Use of Î±-2 Agonists for Sedation in the PICU. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 182-183.	0.2	6
143	Characterizing and Forecasting Individual Weight Changes in Term Neonates. <i>Journal of Pediatrics</i> , 2016, 173, 101-107.e10.	0.9	12
144	Towards Rational Dosing Algorithms for Vancomycin in Neonates and Infants Based on Population Pharmacokinetic Modeling. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1013-1021.	1.4	53

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145	Neonatal withdrawal syndrome: reaching epidemic proportions across the globe. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, 2-3.	1.4	15
146	Impaired Neurodevelopmental Outcomes in Very Preterm Infants: Much Too Easy to Blame It Just on Morphine!. Journal of Pediatrics, 2016, 172, 7-8.	0.9	12
147	Morbidly Obese Patients Exhibit Increased CYP2E1-Mediated Oxidation of Acetaminophen. Clinical Pharmacokinetics, 2016, 55, 833-847.	1.6	76
148	Quantitative clinical pharmacology practice for optimal use of antibiotics during the neonatal period. Expert Opinion on Drug Metabolism and Toxicology, 2016, 12, 367-375.	1.5	18
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