

Brian J Anderson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

167 papers	6,774 citations	42 h-index	78 g-index
189 ext. papers	7,687 ext. citations	3 avg, IF	6.4 L-index

#	Paper	IF	Citations
167	Mechanism-based concepts of size and maturity in pharmacokinetics. <i>Annual Review of Pharmacology and Toxicology</i> , 2008 , 48, 303-32	17.9	774
166	Human renal function maturation: a quantitative description using weight and postmenstrual age. <i>Pediatric Nephrology</i> , 2009 , 24, 67-76	3.2	349
165	Mechanistic basis of using body size and maturation to predict clearance in humans. <i>Drug Metabolism and Pharmacokinetics</i> , 2009 , 24, 25-36	2.2	344
164	Paracetamol (Acetaminophen): mechanisms of action. <i>Paediatric Anaesthesia</i> , 2008 , 18, 915-21	1.8	281
163	A pharmacokinetic standard for babies and adults. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 2941-53	5.9	216
162	Acetaminophen developmental pharmacokinetics in premature neonates and infants: a pooled population analysis. <i>Anesthesiology</i> , 2002 , 96, 1336-45	4.3	188
161	Size, myths and the clinical pharmacokinetics of analgesia in paediatric patients. <i>Clinical Pharmacokinetics</i> , 1997 , 33, 313-27	6.2	157
160	Scaling for size: some implications for paediatric anaesthesia dosing. <i>Paediatric Anaesthesia</i> , 2002 , 12, 205-19	1.8	149
159	Population clinical pharmacology of children: modelling covariate effects. <i>European Journal of Pediatrics</i> , 2006 , 165, 819-29	4.1	136
158	Pediatric intravenous paracetamol (propacetamol) pharmacokinetics: a population analysis. <i>Paediatric Anaesthesia</i> , 2005 , 15, 282-92	1.8	134
157	Dexmedetomidine pharmacokinetics in pediatric intensive care--a pooled analysis. <i>Paediatric Anaesthesia</i> , 2009 , 19, 1119-29	1.8	130
156	Vancomycin pharmacokinetics in preterm neonates and the prediction of adult clearance. <i>British Journal of Clinical Pharmacology</i> , 2007 , 63, 75-84	3.8	123
155	A model for size and age changes in the pharmacokinetics of paracetamol in neonates, infants and children. <i>British Journal of Clinical Pharmacology</i> , 2000 , 50, 125-34	3.8	123
154	Understanding dosing: children are small adults, neonates are immature children. <i>Archives of Disease in Childhood</i> , 2013 , 98, 737-44	2.2	118
153	Tips and traps analyzing pediatric PK data. <i>Paediatric Anaesthesia</i> , 2011 , 21, 222-37	1.8	116
152	Acetaminophen analgesia in children: placebo effect and pain resolution after tonsillectomy. <i>European Journal of Clinical Pharmacology</i> , 2001 , 57, 559-69	2.8	108
151	The pharmacokinetics of intravenous paracetamol in neonates: size matters most. <i>Archives of Disease in Childhood</i> , 2011 , 96, 575-80	2.2	98

150	Intravenous paracetamol (propacetamol) pharmacokinetics in term and preterm neonates. <i>European Journal of Clinical Pharmacology</i> , 2004 , 60, 191-7	2.8	87
149	Ketamine anesthesia in children--exploring infusion regimens. <i>Paediatric Anaesthesia</i> , 2008 , 18, 708-14	1.8	79
148	Renal drug clearance in preterm neonates: relation to prenatal growth. <i>Therapeutic Drug Monitoring</i> , 2007 , 29, 284-91	3.2	78
147	Population clinical pharmacology of children: general principles. <i>European Journal of Pediatrics</i> , 2006 , 165, 741-6	4.1	76
146	Allometric size: The scientific theory and extension to normal fat mass. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 109S, S59-S64	5.1	69
145	Dexmedetomidine disposition in children: a population analysis. <i>Paediatric Anaesthesia</i> , 2008 , 18, 722-30	1.8	68
144	Paracetamol and metabolite pharmacokinetics in infants. <i>European Journal of Clinical Pharmacology</i> , 2003 , 59, 243-51	2.8	66
143	Paracetamol to induce ductus arteriosus closure: is it valid?. <i>Archives of Disease in Childhood</i> , 2013 , 98, 462-6	2.2	65
142	Clonidine disposition in children; a population analysis. <i>Paediatric Anaesthesia</i> , 2007 , 17, 924-33	1.8	61
141	Limited predictability of amikacin clearance in extreme premature neonates at birth. <i>British Journal of Clinical Pharmacology</i> , 2006 , 61, 39-48	3.8	60
140	Dexmedetomidine hemodynamics in children after cardiac surgery. <i>Paediatric Anaesthesia</i> , 2010 , 20, 425-33	1.8	58
139	Morphine pharmacokinetics during venoarterial extracorporeal membrane oxygenation in neonates. <i>Intensive Care Medicine</i> , 2005 , 31, 257-63	14.5	56
138	Prediction of morphine dose in humans. <i>Paediatric Anaesthesia</i> , 2012 , 22, 209-22	1.8	55
137	Diclofenac and metabolite pharmacokinetics in children. <i>Paediatric Anaesthesia</i> , 2004 , 14, 443-51	1.8	55
136	A maturation model for midazolam clearance. <i>Paediatric Anaesthesia</i> , 2011 , 21, 302-8	1.8	53
135	Pediatric models for adult target-controlled infusion pumps. <i>Paediatric Anaesthesia</i> , 2010 , 20, 223-32	1.8	52
134	The pharmacokinetics of methadone and its metabolites in neonates, infants, and children. <i>Paediatric Anaesthesia</i> , 2014 , 24, 591-601	1.8	51
133	The paracetamol concentration-effect relation in neonates. <i>Paediatric Anaesthesia</i> , 2013 , 23, 45-50	1.8	51

132	Medication errors--new approaches to prevention. <i>Paediatric Anaesthesia</i> , 2011 , 21, 743-53	1.8	51
131	Ketamine disposition in children presenting for procedural sedation and analgesia in a children's emergency department. <i>Paediatric Anaesthesia</i> , 2007 , 17, 622-9	1.8	49
130	Delivering transformative action in paediatric pain: a Lancet Child & Adolescent Health Commission. <i>The Lancet Child and Adolescent Health</i> , 2021 , 5, 47-87	14.5	49
129	Investigating the pharmacodynamics of ketamine in children. <i>Paediatric Anaesthesia</i> , 2008 , 18, 36-42	1.8	48
128	Modeling the norketamine metabolite in children and the implications for analgesia. <i>Paediatric Anaesthesia</i> , 2007 , 17, 831-40	1.8	45
127	Morphine metabolite pharmacokinetics during venoarterial extra corporeal membrane oxygenation in neonates. <i>Clinical Pharmacokinetics</i> , 2006 , 45, 705-14	6.2	43
126	Oral bioavailability of clonidine in children. <i>Paediatric Anaesthesia</i> , 2011 , 21, 335-40	1.8	42
125	Pro-con debate: is codeine a drug that still has a useful role in pediatric practice?. <i>Paediatric Anaesthesia</i> , 2010 , 20, 183-94	1.8	42
124	Common errors of drug administration in infants: causes and avoidance. <i>Paediatric Drugs</i> , 1999 , 1, 93-107	4.2	41
123	Dexmedetomidine: the new all-in-one drug in paediatric anaesthesia?. <i>Current Opinion in Anaesthesiology</i> , 2017 , 30, 441-451	2.9	40
122	Dexmedetomidine pharmacokinetics in the obese. <i>European Journal of Clinical Pharmacology</i> , 2015 , 71, 1501-8	2.8	40
121	Pharmacokinetics and analgesic effects of intravenous propacetamol vs rectal paracetamol in children after major craniofacial surgery. <i>Paediatric Anaesthesia</i> , 2008 , 18, 582-92	1.8	40
120	Pain control: non-steroidal anti-inflammatory agents. <i>Seminars in Fetal and Neonatal Medicine</i> , 2006 , 11, 251-9	3.7	38
119	Age and size are the major covariates for prediction of levobupivacaine clearance in children. <i>Paediatric Anaesthesia</i> , 2006 , 16, 275-82	1.8	38
118	Explaining the acetaminophen-ibuprofen analgesic interaction using a response surface model. <i>Paediatric Anaesthesia</i> , 2011 , 21, 1234-40	1.8	37
117	Day stay pediatric tonsillectomy--a safe procedure. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2004 , 68, 1367-73	1.7	37
116	The effects of analgesia in the vulnerable infant during the perinatal period. <i>Clinics in Perinatology</i> , 2002 , 29, 511-34	2.8	37
115	Pharmacological interventions for chronic pain in children: an overview of systematic reviews. <i>Pain</i> , 2019 , 160, 1698-1707	8	37

114	What is the best size predictor for dose in the obese child?. <i>Paediatric Anaesthesia</i> , 2017 , 27, 1176-1184	1.8	36
113	Covariates of intravenous paracetamol pharmacokinetics in adults. <i>BMC Anesthesiology</i> , 2014 , 14, 77	2.4	36
112	Tramadol and o-desmethyl tramadol clearance maturation and disposition in humans: a pooled pharmacokinetic study. <i>Clinical Pharmacokinetics</i> , 2015 , 54, 167-78	6.2	35
111	Cefazolin pharmacokinetics in maternal plasma and amniotic fluid during pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2009 , 200, 170.e1-7	6.4	34
110	Exploring the pharmacokinetics of oral ketamine in children undergoing burns procedures. <i>Paediatric Anaesthesia</i> , 2011 , 21, 653-62	1.8	32
109	My child is unique; the pharmacokinetics are universal. <i>Paediatric Anaesthesia</i> , 2012 , 22, 530-8	1.8	31
108	Not all intravenous paracetamol formulations are created equal. <i>Paediatric Anaesthesia</i> , 2007 , 17, 811-2	1.8	31
107	Ketofol simulations for dosing in pediatric anesthesia. <i>Paediatric Anaesthesia</i> , 2014 , 24, 806-12	1.8	30
106	Pediatric pharmacology in the first year of life. <i>Current Opinion in Anaesthesiology</i> , 2009 , 22, 469-75	2.9	30
105	Comparing the efficacy of NSAIDs and paracetamol in children. <i>Paediatric Anaesthesia</i> , 2004 , 14, 201-17	1.8	30
104	The pharmacokinetics of methadone in adolescents undergoing posterior spinal fusion. <i>Paediatric Anaesthesia</i> , 2013 , 23, 51-7	1.8	28
103	Postoperative analgesia using diclofenac and acetaminophen in children. <i>Paediatric Anaesthesia</i> , 2014 , 24, 953-61	1.8	27
102	Ketofol dosing simulations for procedural sedation. <i>Pediatric Emergency Care</i> , 2014 , 30, 621-30	1.4	24
101	Pharmacokinetics of β -Aminocaproic Acid in Neonates Undergoing Cardiac Surgery with Cardiopulmonary Bypass. <i>Anesthesiology</i> , 2015 , 122, 1002-9	4.3	23
100	Buprenorphine TTS for children--a review of the drug's clinical pharmacology. <i>Paediatric Anaesthesia</i> , 2011 , 21, 280-90	1.8	23
99	Data sharing for pharmacokinetic studies. <i>Paediatric Anaesthesia</i> , 2009 , 19, 1005-10	1.8	23
98	Recent developments in the pharmacological management of pain in children. <i>Current Opinion in Anaesthesiology</i> , 2006 , 19, 285-92	2.9	23
97	Blood pressure and heart rates in neonates and preschool children: an analysis from 10 years of electronic recording. <i>Paediatric Anaesthesia</i> , 2016 , 26, 1064-1070	1.8	22

96	Is it farewell to codeine?. <i>Archives of Disease in Childhood</i> , 2013 , 98, 986-8	2.2	22
95	Are there still limitations for the use of target-controlled infusion in children?. <i>Current Opinion in Anaesthesiology</i> , 2010 , 23, 356-62	2.9	22
94	The pharmacology of anaesthetics in the neonate. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , 2010 , 24, 419-31	4	20
93	Getting the best from pediatric pharmacokinetic data. <i>Paediatric Anaesthesia</i> , 2004 , 14, 713-5	1.8	20
92	Practicalities of Total Intravenous Anesthesia and Target-controlled Infusion in Children. <i>Anesthesiology</i> , 2019 , 131, 164-185	4.3	20
91	Acetaminophen, ibuprofen, and tramadol analgesic interactions after adenotonsillectomy. <i>Paediatric Anaesthesia</i> , 2018 , 28, 841-851	1.8	19
90	Paracetamol (acetaminophen) for chronic non-cancer pain in children and adolescents. <i>The Cochrane Library</i> , 2017 , 8, CD012539	5.2	18
89	Oral morphine dosing predictions based on single dose in healthy children undergoing surgery. <i>Paediatric Anaesthesia</i> , 2017 , 27, 28-36	1.8	18
88	An international survey of management of pain and sedation after paediatric cardiac surgery. <i>BMJ Paediatrics Open</i> , 2017 , 1, e000046	2.4	17
87	The pharmacokinetics of ketorolac after single postoperative intranasal administration in adolescent patients. <i>Anesthesia and Analgesia</i> , 2012 , 114, 1270-6	3.9	17
86	An open label pilot study of a dexmedetomidine-remifentanyl-caudal anesthetic for infant lower abdominal/lower extremity surgery: The T REX pilot study. <i>Paediatric Anaesthesia</i> , 2019 , 29, 59-67	1.8	17
85	A manual propofol infusion regimen for neonates and infants. <i>Paediatric Anaesthesia</i> , 2019 , 29, 907-914	1.8	16
84	Pharmacology in the very young: anaesthetic implications. <i>European Journal of Anaesthesiology</i> , 2012 , 29, 261-70	2.3	16
83	Recent pharmacological advances in paediatric analgesics. <i>Biomedicine and Pharmacotherapy</i> , 2006 , 60, 303-9	7.5	16
82	The starship children's hospital tonsillectomy: A further 10 years of experience. <i>Laryngoscope</i> , 2016 , 126, E416-E420	3.6	16
81	Pharmacokinetics and pharmacodynamics of dexmedetomidine-induced vasoconstriction in healthy volunteers. <i>British Journal of Clinical Pharmacology</i> , 2018 , 84, 1364-1372	3.8	15
80	The relationship between age and morphine infusion rate in children. <i>Paediatric Anaesthesia</i> , 2013 , 23, 40-4	1.8	15
79	Absorption characteristics of epidural levobupivacaine with adrenaline and clonidine in children. <i>Paediatric Anaesthesia</i> , 2013 , 23, 58-67	1.8	15

78	Propofol pharmacokinetic and pharmacodynamic profile and its electroencephalographic interaction with remifentanyl in children. <i>Paediatric Anaesthesia</i> , 2018 , 28, 1078-1086	1.8	15
77	Increased bioavailability of phenylephrine by co-administration of acetaminophen: results of four open-label, crossover pharmacokinetic trials in healthy volunteers. <i>European Journal of Clinical Pharmacology</i> , 2015 , 71, 151-8	2.8	14
76	Pharmacodynamic interaction models in pediatric anesthesia. <i>Paediatric Anaesthesia</i> , 2015 , 25, 970-80	1.8	14
75	Increased phenylephrine plasma levels with administration of acetaminophen. <i>New England Journal of Medicine</i> , 2014 , 370, 1171-2	59.2	14
74	Analgesic efficacy and pharmacokinetics of epidural oxycodone in pain management after gynaecological laparoscopy-A randomised, double blind, active control, double-dummy clinical comparison with intravenous administration. <i>British Journal of Clinical Pharmacology</i> , 2019 , 85, 1798-1807	3.8	12
73	Tramadol, breast feeding and safety in the newborn. <i>Archives of Disease in Childhood</i> , 2018 , 103, 1110-1113	1.3	12
72	Rationalising intravenous morphine prescriptions in children. <i>Acute Pain</i> , 1999 , 2, 59-67		12
71	Negligible impact of birth on renal function and drug metabolism. <i>Paediatric Anaesthesia</i> , 2018 , 28, 1015-1021	1.021	12
70	Considerations when using pharmacokinetic/pharmacodynamic modeling to determine the effectiveness of simple analgesics in children. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015 , 11, 1393-408	5.5	10
69	Effect-Site Target-Controlled Infusion in the Obese: Model Derivation and Performance Assessment. <i>Anesthesia and Analgesia</i> , 2018 , 127, 865-872	3.9	10
68	A target concentration strategy to determine ibuprofen dosing in children. <i>Paediatric Anaesthesia</i> , 2019 , 29, 1107-1113	1.8	10
67	Comment on Pharmacokinetic Studies in Neonates: The Utility of an Opportunistic Sampling Design. <i>Clinical Pharmacokinetics</i> , 2015 , 54, 1287-8	6.2	9
66	Paperless anesthesia: uses and abuses of these data. <i>Paediatric Anaesthesia</i> , 2015 , 25, 1184-92	1.8	9
65	Leaving no stone unturned, or extracting blood from stone?. <i>Paediatric Anaesthesia</i> , 2010 , 20, 1-6	1.8	9
64	Aspects of tramadol and ondansetron interactions. <i>Acute Pain</i> , 2003 , 5, 31-34		9
63	Dexmedetomidine Sedation in Mechanically Ventilated Critically Ill Children: A Pilot Randomized Controlled Trial. <i>Pediatric Critical Care Medicine</i> , 2020 , 21, e731-e739	3	9
62	Potential cardiovascular adverse events when phenylephrine is combined with paracetamol: simulation and narrative review. <i>European Journal of Clinical Pharmacology</i> , 2015 , 71, 931-8	2.8	8
61	Acetaminophen pharmacokinetics in severely obese adolescents and young adults. <i>Paediatric Anaesthesia</i> , 2019 , 29, 20-26	1.8	8

60	Pharmacokinetics and analgesic effectiveness of intravenous parecoxib for tonsillectomy and adenoidectomy. <i>Paediatric Anaesthesia</i> , 2016 , 26, 1126-1135	1.8	7
59	Modeling the pharmacokinetics and pharmacodynamics of sevoflurane using compartment models in children and adults. <i>Paediatric Anaesthesia</i> , 2018 , 28, 834-840	1.8	7
58	Tears at breakfast. <i>Paediatric Anaesthesia</i> , 2012 , 22, 419	1.8	7
57	Pharmacokinetic and Pharmacodynamic Analysis of Alfaxalone Administered as a Bolus Intravenous Injection of Phaxan in a Phase 1 Randomized Trial. <i>Anesthesia and Analgesia</i> , 2020 , 130, 704-714	3.9	6
56	Population pharmacokinetics of oxycodone: Premature neonates to adults. <i>Paediatric Anaesthesia</i> , 2021 , 31, 1332-1339	1.8	6
55	A Universal Pharmacokinetic Model for Dexmedetomidine in Children and Adults. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	5
54	The pharmacokinetics of intravenous ketorolac in children aged 2 months to 16 years: A population analysis. <i>Paediatric Anaesthesia</i> , 2018 , 28, 80-86	1.8	5
53	The impact of clonidine on sedation after adenotonsillectomy: a prospective audit. <i>Paediatric Anaesthesia</i> , 2014 , 24, 1268-73	1.8	5
52	Problems and pitfalls performing pharmacokinetic studies in children. <i>Paediatric and Perinatal Drug Therapy</i> , 2007 , 8, 4-17		5
51	Pharmacokinetic-pharmacodynamic population modelling in paediatric anaesthesia and its clinical translation. <i>Current Opinion in Anaesthesiology</i> , 2019 , 32, 353-362	2.9	5
50	Analgesic effectiveness, pharmacokinetics, and safety of a paracetamol/ibuprofen fixed-dose combination in children undergoing adenotonsillectomy: A randomized, single-blind, parallel group trial. <i>Paediatric Anaesthesia</i> , 2018 , 28, 1087-1095	1.8	5
49	Pharmacokinetic and pharmacodynamic considerations of general anesthesia in pediatric subjects. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2020 , 16, 279-295	5.5	4
48	Drug error in paediatric anaesthesia: current status and where to go now. <i>Current Opinion in Anaesthesiology</i> , 2018 , 31, 333-341	2.9	4
47	The use of propofol infusions in paediatric anaesthesia: a practical guide. <i>Paediatric Anaesthesia</i> , 1999 , 9, 209-216	1.8	4
46	Salbutamol has rapid onset pharmacodynamics as a bronchodilator. <i>Acta Anaesthesiologica Scandinavica</i> , 2016 , 60, 1328-31	1.9	4
45	Advances in pharmacokinetic modeling: target controlled infusions in the obese. <i>Current Opinion in Anaesthesiology</i> , 2018 , 31, 415-422	2.9	4
44	Neonatal pharmacology. <i>Anaesthesia and Intensive Care Medicine</i> , 2017 , 18, 68-74	0.3	3
43	Pharmacokinetics and Pharmacology of Drugs Used in Children 2019 , 100-176.e45		3

42	La farmacología de la anestesia total intravenosa en pediatría. <i>Colombian Journal of Anesthesiology</i> , 2013 , 41, 205-214	0.6	3
41	Intranasal clonidine pharmacokinetics. <i>Paediatric Anaesthesia</i> , 2014 , 24, 340-2	1.8	3
40	Evaluation of a morphine maturation model for the prediction of morphine clearance in children. <i>British Journal of Clinical Pharmacology</i> , 2011 , 72, 518-20; author reply 521-3	3.8	3
39	The time course of pain after tonsillectomy. <i>Paediatric Anaesthesia</i> , 2020 , 30, 1051-1053	1.8	3
38	Hemodynamic and pharmacokinetic analysis of oxymetazoline use during nasal surgery in children. <i>Laryngoscope</i> , 2019 , 129, 2775-2781	3.6	3
37	Compliance with perioperative prophylaxis guidelines and the use of novel outcome measures. <i>Paediatric Anaesthesia</i> , 2018 , 28, 686-693	1.8	3
36	Oxycodone target concentration dosing for acute pain in children. <i>Paediatric Anaesthesia</i> , 2021 , 31, 1325-1331	1.3	3
35	Population Pharmacokinetic Modelling of Acetaminophen and Ibuprofen: the Influence of Body Composition, Formulation and Feeding in Healthy Adult Volunteers.. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2022 , 1	2.7	3
34	The phenylephrine concentration-response relationship for blood pressure after nasal delivery in children. <i>Paediatric Anaesthesia</i> , 2017 , 27, 1050-1055	1.8	2
33	No urine, no urinary clearance. <i>European Journal of Clinical Pharmacology</i> , 2004 , 60, 297	2.8	2
32	Bioavailability of oxycodone by mouth in coronary artery bypass surgery patients - a randomized trial. <i>Journal of Drug Assessment</i> , 2020 , 9, 117-128	1.5	2
31	Intranasal Fentanyl for Intervention-Associated Breakthrough Pain After Cardiac Surgery. <i>Clinical Pharmacokinetics</i> , 2021 , 60, 907-919	6.2	2
30	Pharmacokinetic Pharmacodynamic Modelling Contributions to Improve Paediatric Anaesthesia Practice. <i>Journal of Clinical Medicine</i> , 2022 , 11, 3009	5.1	2
29	Porcelain lung: calcification in severe Bordetella pertussis infection. <i>Archives of Disease in Childhood</i> , 2016 , 101, 421	2.2	1
28	Orthopedic and Spine Surgery 2019 , 727-753.e12		1
27	Pharmacology of paediatric total intravenous anaesthesia. <i>Colombian Journal of Anesthesiology</i> , 2013 , 41, 205-214	0.6	1
26	Anesthesia and Ancillary Drugs and the Neonate 2015 , 67-130		1
25	Pharmacology of paediatric total intravenous anaesthesia?. <i>Colombian Journal of Anesthesiology</i> , 2013 , 41, 205-214	0.6	1

24	Propofol Context-Sensitive Decrement Times in Children.. <i>Paediatric Anaesthesia</i> , 2021 ,	1.8	1
23	Improving the Safety of Pediatric Sedation: Human Error, Technology, and Clinical Microsystems 2015 , 587-612		1
22	Pharmacokinetics and Pharmacodynamics in the Pediatric Patient 2017 , 441-516		1
21	Postoperative admission to paediatric intensive care after tonsillectomy. <i>SAGE Open Medicine</i> , 2020 , 8, 2050312120922027	2.4	1
20	Prediction of levobupivacaine concentrations in neonates and infants following neuraxial rescue blocks. <i>Paediatric Anaesthesia</i> , 2021 , 31, 655-664	1.8	1
19	Pharmacokinetic concepts for dexmedetomidine target-controlled infusion pumps in children. <i>Paediatric Anaesthesia</i> , 2021 , 31, 924-931	1.8	1
18	Diamorphine pharmacokinetics and conversion factor estimates for intranasal diamorphine in paediatric breakthrough pain:systematic review.. <i>BMJ Supportive and Palliative Care</i> , 2022 ,	2.2	1
17	Pharmacokinetic modelling and simulation to understand diamorphine dose-response in neonates, children and adolescents.. <i>Paediatric Anaesthesia</i> , 2022 ,	1.8	1
16	Ankle Biters 2019 , 111-123		0
15	Dose estimation for bivalirudin during pediatric cardiopulmonary bypass. <i>Paediatric Anaesthesia</i> , 2021 , 31, 637-643	1.8	0
14	Pharmacokinetics of an intravenous bolus dose of clonidine in children undergoing surgery. <i>Paediatric Anaesthesia</i> , 2020 , 30, 607-613	1.8	
13	Neonatal pharmacology. <i>Anaesthesia and Intensive Care Medicine</i> , 2020 , 21, 80-86	0.3	
12	Total Intravenous Anesthesia and Target-Controlled Infusion 2019 , 177-198.e3		
11	In Response to Hemodynamic and Pharmacokinetic Analysis of Oxymetazoline Use During Nasal Surgery in Children. <i>Laryngoscope</i> , 2019 , 129, E348	3.6	
10	Unraveling Pharmacokinetics and Pharmacodynamics in Infants and Children. <i>Current Anesthesiology Reports</i> , 2013 , 3, 27-36	1	
9	Pediatric pharmacology1128-1138		
8	Anesthesia for Children Taking Covid-19 Antiviral Drugs.. <i>Paediatric Anaesthesia</i> , 2022 ,	1.8	
7	Pharmacokinetics and Pharmacodynamics in the Pediatric Population 2015 , 173-193		

6 Pharmacokinetics and Pharmacodynamics in the Pediatric Population **2012**, 123-143

5 Big Can Be Beautiful! **2019**, 132-138

4 Covariate Analysis in Clinical Anaesthesia **2019**, 40-62

3 Pharmacokinetics and Pharmacodynamics in the Pediatric Population **2021**, 247-271

2 Improving the Safety of Pediatric Sedation: Human Error, Technology, and Clinical Microsystems
2021, 721-752

1 Incidence of post-induction hypoxemia in children and the effect of induction gas composition.
Paediatric Anaesthesia, **2021**, 31, 763-769 1.8