

Kanwaljeet Anand

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187 papers	16,323 citations	67 h-index	126 g-index
203 ext. papers	18,554 ext. citations	6 avg, IF	6.48 L-index

#	Paper	IF	Citations
187	Cognitive and behavioral outcomes of school-aged children who were born preterm: a meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 288, 728-37	27.4	1632
186	Pain and its effects in the human neonate and fetus. <i>New England Journal of Medicine</i> , 1987 , 317, 1321-9	59.2	1230
185	Halothane-morphine compared with high-dose sufentanil for anesthesia and postoperative analgesia in neonatal cardiac surgery. <i>New England Journal of Medicine</i> , 1992 , 326, 1-9	59.2	695
184	Extrapolating brain development from experimental species to humans. <i>NeuroToxicology</i> , 2007 , 28, 931-4	7.4	622
183	Epidemiology and treatment of painful procedures in neonates in intensive care units. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 300, 60-70	27.4	596
182	Consensus statement for the prevention and management of pain in the newborn. <i>JAMA Pediatrics</i> , 2001 , 155, 173-80		591
181	Effects of morphine analgesia in ventilated preterm neonates: primary outcomes from the NEOPAIN randomised trial. <i>Lancet, The</i> , 2004 , 363, 1673-82	40	425
180	Pain activates cortical areas in the preterm newborn brain. <i>Pain</i> , 2006 , 122, 109-17	8	332
179	Long-term behavioral effects of repetitive pain in neonatal rat pups. <i>Physiology and Behavior</i> , 1999 , 66, 627-37	3.5	322
178	Analgesia and sedation in preterm neonates who require ventilatory support: results from the NOPAIN trial. Neonatal Outcome and Prolonged Analgesia in Neonates. <i>JAMA Pediatrics</i> , 1999 , 153, 331-8		304
177	Web-based method for translating neurodevelopment from laboratory species to humans. <i>Neuroinformatics</i> , 2007 , 5, 79-94	3.2	250
176	Routine morphine infusion in preterm newborns who received ventilatory support: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2003 , 290, 2419-27	27.4	212
175	Can the human neonate mount an endocrine and metabolic response to surgery?. <i>Journal of Pediatric Surgery</i> , 1985 , 20, 41-8	2.6	211
174	Tolerance and withdrawal from prolonged opioid use in critically ill children. <i>Pediatrics</i> , 2010 , 125, e1208-25	7.25	209
173	Morphine does not provide adequate analgesia for acute procedural pain among preterm neonates. <i>Pediatrics</i> , 2005 , 115, 1494-500	7.4	205
172	Long-term effects of pain in infants. <i>Journal of Developmental and Behavioral Pediatrics</i> , 1999 , 20, 253-61	1.4	196
171	Weaning and extubation readiness in pediatric patients. <i>Pediatric Critical Care Medicine</i> , 2009 , 10, 1-11	3	193

170	Does neonatal surgery lead to increased pain sensitivity in later childhood?. <i>Pain</i> , 2005 , 114, 444-454	8	182
169	A cross-sectional survey of pain and pharmacological analgesia in Canadian neonatal intensive care units. <i>Clinical Journal of Pain</i> , 1997 , 13, 308-12	3.5	181
168	Parents' perspectives on physician-parent communication near the time of a child's death in the pediatric intensive care unit. <i>Pediatric Critical Care Medicine</i> , 2008 , 9, 2-7	3	177
167	Vulnerability of the developing brain. Neuronal mechanisms. <i>Clinics in Perinatology</i> , 2002 , 29, 357-72	2.8	176
166	Functional Status Scale: new pediatric outcome measure. <i>Pediatrics</i> , 2009 , 124, e18-28	7.4	170
165	Anesthetic agents and the immature brain: are these toxic or therapeutic?. <i>Anesthesiology</i> , 2004 , 101, 527-30	4.3	164
164	Protein kinases modulate the cellular adaptations associated with opioid tolerance and dependence. <i>Brain Research Reviews</i> , 2001 , 38, 1-19		161
163	Ketamine reduces the cell death following inflammatory pain in newborn rat brain. <i>Pediatric Research</i> , 2007 , 62, 283-90	3.2	152
162	Eight years later, are we still hurting newborn infants?. <i>Neonatology</i> , 2014 , 105, 218-26	4	136
161	Morphine pharmacokinetics and pharmacodynamics in preterm and term neonates: secondary results from the NEOPAIN trial. <i>British Journal of Anaesthesia</i> , 2008 , 101, 680-9	5.4	135
160	Current controversies regarding pain assessment in neonates. <i>Seminars in Perinatology</i> , 2007 , 31, 283-8	3.3	134
159	Measuring the severity of surgical stress in newborn infants. <i>Journal of Pediatric Surgery</i> , 1988 , 23, 297-305	3.5	134
158	Long-term effects of routine morphine infusion in mechanically ventilated neonates on children's functioning: five-year follow-up of a randomized controlled trial. <i>Pain</i> , 2011 , 152, 1391-1397	8	132
157	Morphine, hypotension, and adverse outcomes among preterm neonates: who's to blame? Secondary results from the NEOPAIN trial. <i>Pediatrics</i> , 2005 , 115, 1351-9	7.4	132
156	Interactions of inflammatory pain and morphine in infant rats: long-term behavioral effects. <i>Physiology and Behavior</i> , 2001 , 73, 51-8	3.5	129
155	Taking up the challenge of measuring prolonged pain in (premature) neonates: the COMFORTneo scale seems promising. <i>Clinical Journal of Pain</i> , 2009 , 25, 607-16	3.5	119
154	Pain management in newborns. <i>Clinics in Perinatology</i> , 2014 , 41, 895-924	2.8	117
153	Physiological, hormonal, and behavioral responses to a single fentanyl dose in intubated and ventilated preterm neonates. <i>Journal of Pediatrics</i> , 1998 , 132, 954-9	3.6	112

152	Postoperative pain in the neonate: age-related differences in morphine requirements and metabolism. <i>Intensive Care Medicine</i> , 2003 , 29, 2009-15	14.5	106
151	Does halothane anaesthesia decrease the metabolic and endocrine stress responses of newborn infants undergoing operation?. <i>British Medical Journal</i> , 1988 , 296, 668-72		106
150	Use of analgesic and sedative drugs in the NICU: integrating clinical trials and laboratory data. <i>Pediatric Research</i> , 2010 , 67, 117-27	3.2	102
149	Analgesia and local anesthesia during invasive procedures in the neonate. <i>Clinical Therapeutics</i> , 2005 , 27, 844-76	3.5	101
148	Gastric suction at birth associated with long-term risk for functional intestinal disorders in later life. <i>Journal of Pediatrics</i> , 2004 , 144, 449-54	3.6	101
147	Pharmacokinetics and metabolism of rectally administered paracetamol in preterm neonates. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 1999 , 80, F59-63	4.7	97
146	Sedation and analgesia practices in neonatal intensive care units (EUROPAIN): results from a prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 796-812	35.1	96
145	A comparison of critical care research funding and the financial burden of critical illness in the United States. <i>Critical Care Medicine</i> , 2012 , 40, 1072-9	1.4	96
144	Opioid tolerance and dependence in infants and children. <i>Critical Care Medicine</i> , 1994 , 22, 334-42	1.4	95
143	A pilot study of preemptive morphine analgesia in preterm neonates: effects on head circumference, social behavior, and response latencies in early childhood. <i>Neurotoxicology and Teratology</i> , 2012 , 34, 47-55	3.9	93
142	Neurodevelopmental changes of fetal pain. <i>Seminars in Perinatology</i> , 2007 , 31, 275-82	3.3	92
141	Does neonatal morphine use affect neuropsychological outcomes at 8 to 9 years of age?. <i>Pain</i> , 2013 , 154, 449-458	8	91
140	Age- and therapy-related effects on morphine requirements and plasma concentrations of morphine and its metabolites in postoperative infants. <i>British Journal of Anaesthesia</i> , 2003 , 90, 642-52	5.4	89
139	Early adversity, socioemotional development, and stress in urban 1-year-old children. <i>Journal of Pediatrics</i> , 2013 , 163, 1733-1739.e1	3.6	88
138	Non-pharmacological techniques for pain management in neonates. <i>Seminars in Perinatology</i> , 2007 , 31, 318-22	3.3	87
137	Morphine administration and short-term pulmonary outcomes among ventilated preterm infants. <i>Pediatrics</i> , 2005 , 116, 352-9	7.4	87
136	Premedication for tracheal intubation in neonates: confusion or controversy?. <i>Seminars in Perinatology</i> , 2007 , 31, 309-17	3.3	85
135	Hormonal and metabolic stress responses after major surgery in children aged 0-3 years: a double-blind, randomized trial comparing the effects of continuous versus intermittent morphine. <i>British Journal of Anaesthesia</i> , 2001 , 87, 390-9	5.4	82

134	Parents' perspectives regarding a physician-parent conference after their child's death in the pediatric intensive care unit. <i>Journal of Pediatrics</i> , 2007 , 151, 50-5, 55.e1-2	3.6	80
133	Follow-up study of complicated grief among parents eighteen months after a child's death in the pediatric intensive care unit. <i>Journal of Palliative Medicine</i> , 2011 , 14, 207-14	2.2	79
132	Analgesia and sedation during mechanical ventilation in neonates. <i>Clinical Therapeutics</i> , 2005 , 27, 877-99	3.5	79
131	Lidocaine iontophoresis for topical anesthesia before intravenous line placement in children. <i>Journal of Pediatrics</i> , 1998 , 132, 1061-3	3.6	78
130	Reduction of bloodstream infections associated with catheters in paediatric intensive care unit: stepwise approach. <i>BMJ, The</i> , 2007 , 334, 362-5	5.9	77
129	Pediatric analgesic clinical trial designs, measures, and extrapolation: report of an FDA scientific workshop. <i>Pediatrics</i> , 2012 , 129, 354-64	7.4	74
128	Oral sucrose and "facilitated tucking" for repeated pain relief in preterms: a randomized controlled trial. <i>Pediatrics</i> , 2012 , 129, 299-308	7.4	74
127	Developmental neurotoxicity of ketamine in pediatric clinical use. <i>Toxicology Letters</i> , 2013 , 220, 53-60	4.4	73
126	Mode of delivery modulates physiological and behavioral responses to neonatal pain. <i>Journal of Perinatology</i> , 2009 , 29, 44-50	3.1	71
125	The randomized comparative pediatric critical illness stress-induced immune suppression (CRISIS) prevention trial. <i>Pediatric Critical Care Medicine</i> , 2012 , 13, 165-73	3	71
124	Hospitalizations for critically ill children with traumatic brain injuries: a longitudinal analysis. <i>Critical Care Medicine</i> , 2005 , 33, 2074-81	1.4	71
123	Opioid analgesia in mechanically ventilated children: results from the multicenter Measuring Opioid Tolerance Induced by Fentanyl study. <i>Pediatric Critical Care Medicine</i> , 2013 , 14, 27-36	3	67
122	Complicated grief and associated risk factors among parents following a child's death in the pediatric intensive care unit. <i>JAMA Pediatrics</i> , 2010 , 164, 1045-51		65
121	Neonatal research and the validity of informed consent obtained in the perinatal period. <i>Journal of Perinatology</i> , 2004 , 24, 409-15	3.1	65
120	Pharmacological approaches to the management of pain in the neonatal intensive care unit. <i>Journal of Perinatology</i> , 2007 , 27 Suppl 1, S4-S11	3.1	63
119	Pain assessment in preterm neonates. <i>Pediatrics</i> , 2007 , 119, 605-7	7.4	59
118	Ketamine alters the neurogenesis of rat cortical neural stem progenitor cells. <i>Critical Care Medicine</i> , 2012 , 40, 2407-16	1.4	57
117	Practical approach to analgesia and sedation in the neonatal intensive care unit. <i>Seminars in Perinatology</i> , 1998 , 22, 417-24	3.3	56

116	Of mice and men: should we extrapolate rodent experimental data to the care of human neonates?. <i>Anesthesiology</i> , 2005 , 102, 866-8; author reply 868-9	4.3	55
115	Assessment of persistent pain or distress and adequacy of analgesia in preterm ventilated infants. <i>Pain</i> , 2006 , 124, 87-91	8	54
114	Opioid tolerance in neonates: mechanisms, diagnosis, assessment, and management. <i>Seminars in Perinatology</i> , 1998 , 22, 425-33	3.3	53
113	Collaborative Pediatric Critical Care Research Network (CPCCRN). <i>Pediatric Critical Care Medicine</i> , 2006 , 7, 301-7	3	53
112	Evaluation and development of potentially better practices to improve pain management of neonates. <i>Pediatrics</i> , 2006 , 118 Suppl 2, S78-86	7.4	50
111	Pharmacological therapy for analgesia and sedation in the newborn. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2006 , 91, F448-53	4.7	50
110	Effect of inborn versus outborn delivery on clinical outcomes in ventilated preterm neonates: secondary results from the NEOPAIN trial. <i>Journal of Perinatology</i> , 2005 , 25, 270-5	3.1	50
109	Ketamine as a neuroprotective and anti-inflammatory agent in children undergoing surgery on cardiopulmonary bypass: a pilot randomized, double-blind, placebo-controlled trial. <i>Pediatric Critical Care Medicine</i> , 2012 , 13, 328-37	3	48
108	Analgesia and anesthesia for neonates: study design and ethical issues. <i>Clinical Therapeutics</i> , 2005 , 27, 814-43	3.5	47
107	Assessment of continuous pain in newborns admitted to NICUs in 18 European countries. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017 , 106, 1248-1259	3.1	46
106	Morphine analgesia and gastrointestinal morbidity in preterm infants: secondary results from the NEOPAIN trial. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2008 , 93, F362-7	4.7	46
105	Variation in pediatric intensive care therapies and outcomes by race, gender, and insurance status. <i>Pediatric Critical Care Medicine</i> , 2006 , 7, 2-6	3	43
104	Abnormal cognition and behavior in preterm neonates linked to smaller brain volumes. <i>Trends in Neurosciences</i> , 2001 , 24, 129-30; discussion 131-2	13.3	42
103	More information, less understanding: a randomized study on consent issues in neonatal research. <i>Pediatrics</i> , 2009 , 123, 1301-5	7.4	39
102	Ketamine analgesia for inflammatory pain in neonatal rats: a factorial randomized trial examining long-term effects. <i>Behavioral and Brain Functions</i> , 2008 , 4, 35	4.1	38
101	Neurobehavior of preterm infants at 36 weeks postconception as a function of morphine analgesia. <i>American Journal of Perinatology</i> , 2007 , 24, 511-7	3.3	38
100	COVID-19 PICU guidelines: for high- and limited-resource settings. <i>Pediatric Research</i> , 2020 , 88, 705-716	3.2	38
99	Epidemiology and neonatal pain management of heelsticks in intensive care units: EIPPAIN 2, a prospective observational study. <i>International Journal of Nursing Studies</i> , 2016 , 59, 79-88	5.8	37

98	The pharmacological treatment of neonatal pain. <i>Seminars in Fetal and Neonatal Medicine</i> , 2005 , 10, 195-205	3.95	36
97	Methodological Considerations for Hair Cortisol Measurements in Children. <i>Therapeutic Drug Monitoring</i> , 2015 , 37, 812-20	3.2	31
96	Assessing postoperative pain in neonates: a multicenter observational study. <i>Pediatrics</i> , 2006 , 118, e992-1000	3.1	31
95	Can we use methadone for analgesia in neonates?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2001 , 85, F79-81	4.7	30
94	Collaborative pediatric critical care research network: looking back and moving forward. <i>Pediatric Critical Care Medicine</i> , 2010 , 11, 1-6	3	29
93	Enhanced monitoring improves pediatric transport outcomes: a randomized controlled trial. <i>Pediatrics</i> , 2011 , 127, 42-8	7.4	28
92	Controversies in neonatal pain: an introduction. <i>Seminars in Perinatology</i> , 2007 , 31, 273-4	3.3	28
91	Double-blind, placebo-controlled pilot randomized trial of methylprednisolone infusion in pediatric acute respiratory distress syndrome. <i>Pediatric Critical Care Medicine</i> , 2015 , 16, e74-81	3	27
90	A framework for conducting follow-up meetings with parents after a child's death in the pediatric intensive care unit. <i>Pediatric Critical Care Medicine</i> , 2011 , 12, 147-52	3	27
89	Redefining the golden hour in pediatric transport. <i>Pediatric Critical Care Medicine</i> , 2008 , 9, 435-7	3	27
88	Pain control: opioid dosing, population kinetics and side-effects. <i>Seminars in Fetal and Neonatal Medicine</i> , 2006 , 11, 260-7	3.7	26
87	Ketamine affects the neurogenesis of rat fetal neural stem progenitor cells via the PI3K/Akt-p27 signaling pathway. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2014 , 101, 355-63		25
86	Love, pain, and intensive care. <i>Pediatrics</i> , 2008 , 121, 825-7	7.4	25
85	Management of abdominal compartment syndrome during extracorporeal life support. <i>Pediatric Critical Care Medicine</i> , 2007 , 8, 177-9	3	25
84	Repetitive neonatal pain and neurocognitive abilities in ex-preterm children. <i>Pain</i> , 2013 , 154, 1899-1901	8	24
83	Physicians' experiences and perspectives regarding follow-up meetings with parents after a child's death in the pediatric intensive care unit. <i>Pediatric Critical Care Medicine</i> , 2011 , 12, e64-8	3	24
82	Accounting for medical communication: parents' perceptions of communicative roles and responsibilities in the pediatric intensive care unit. <i>Communication and Medicine</i> , 2009 , 6, 177-88	0	24
81	Inverse Relationship between Cardio-Ankle Vascular Index and Body Mass Index in Healthy Children. <i>Journal of Pediatrics</i> , 2015 , 167, 361-365.e1	3.6	23

80	Defining pain in newborns: need for a uniform taxonomy?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017 , 106, 1438-1444	3.1	22
79	Sedation and analgesia practices at Italian neonatal intensive care units: results from the EUROPAIN study. <i>Italian Journal of Pediatrics</i> , 2017 , 43, 26	3.2	21
78	Baseline serum concentrations of zinc, selenium, and prolactin in critically ill children. <i>Pediatric Critical Care Medicine</i> , 2013 , 14, e202-6	3	21
77	Real-time free cortisol quantification among critically ill children. <i>Pediatric Critical Care Medicine</i> , 2011 , 12, 525-31	3	21
76	Rationale and design of the pediatric critical illness stress-induced immune suppression (CRISIS) prevention trial. <i>Journal of Parenteral and Enteral Nutrition</i> , 2009 , 33, 368-74	4.2	21
75	The effect of tai chi on knee osteoarthritis pain in cognitively impaired elders: pilot study. <i>Geriatric Nursing</i> , 2009 , 30, 132-9	2.1	21
74	Pain management in the pediatric intensive care unit. <i>Current Opinion in Pediatrics</i> , 1997 , 9, 246-53	3.2	21
73	Maternal experiences of trauma and hair cortisol in early childhood in a prospective cohort. <i>Psychoneuroendocrinology</i> , 2018 , 98, 168-176	5	21
72	Effects of low-dose naloxone on opioid therapy in pediatric patients: a retrospective case-control study. <i>Intensive Care Medicine</i> , 2007 , 33, 190-4	14.5	20
71	Morphine, hypotension, and intraventricular hemorrhage. <i>Pediatrics</i> , 2006 , 117, 250-2; author reply 252-3	7.4	19
70	Chronic pain in the newborn: toward a definition. <i>Clinical Journal of Pain</i> , 2014 , 30, 970-7	3.5	18
69	The Collaborative Pediatric Critical Care Research Network Critical Pertussis Study: collaborative research in pediatric critical care medicine. <i>Pediatric Critical Care Medicine</i> , 2011 , 12, 387-92	3	18
68	Is "rescue" therapy ethical in randomized controlled trials?. <i>Pediatric Critical Care Medicine</i> , 2009 , 10, 431-8	3	18
67	Long-term deficits of preterm birth: evidence for arousal and attentional disturbances. <i>Clinical Neurophysiology</i> , 2008 , 119, 1281-91	4.3	18
66	Life-threatening respiratory failure following accidental infusion of polyethylene glycol electrolyte solution into the lung. <i>Journal of Toxicology: Clinical Toxicology</i> , 2001 , 39, 105-7		18
65	Opioid receptor desensitization contributes to thermal hyperalgesia in infant rats. <i>European Journal of Pharmacology</i> , 2004 , 491, 127-36	5.3	17
64	Regulation of inflammatory biomarkers by intravenous methylprednisolone in pediatric ARDS patients: Results from a double-blind, placebo-controlled randomized pilot trial. <i>Cytokine</i> , 2016 , 77, 63-71	7.1	16
63	The ontogeny of the metabolic and endocrine stress response in the human fetus, neonate and child. <i>Intensive Care Medicine</i> , 1989 , 15 Suppl 1, S44-5	14.5	16

62	Research as a Standard of Care in the PICU. <i>Pediatric Critical Care Medicine</i> , 2016 , 17, e13-21	3	16
61	Clinical risk factors for central line-associated venous thrombosis in children. <i>Frontiers in Pediatrics</i> , 2015 , 3, 35	3.4	15
60	Does neonatal pain management in intensive care units differ between night and day? An observational study. <i>BMJ Open</i> , 2014 , 4, e004086	3	15
59	Facilitated tucking as a non-pharmacological intervention for neonatal pain relief: is it clinically feasible?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010 , 99, 1763-5	3.1	14
58	Statistical models to predict the need for postoperative intensive care and hospitalization in pediatric surgical patients. <i>Intensive Care Medicine</i> , 2001 , 27, 873-83	14.5	14
57	Pediatric intensive care unit mortality among Latino children before and after a multilevel health care delivery intervention. <i>JAMA Pediatrics</i> , 2015 , 169, 383-90	8.3	13
56	Demographic and psychosocial factors associated with hair cortisol concentrations in preschool children. <i>Pediatric Research</i> , 2020 , 87, 1119-1127	3.2	13
55	Multiple intravenous doses of paracetamol result in a predictable pharmacokinetic profile in very preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014 , 103, 612-7	3.1	12
54	Ethical and logistical considerations of multicenter parental bereavement research. <i>Journal of Palliative Medicine</i> , 2008 , 11, 444-50	2.2	12
53	Does noninvasive electrical stimulation of acupuncture points reduce heelstick pain in neonates?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016 , 105, 1434-1439	3.1	12
52	Measuring socioeconomic adversity in early life. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019 , 108, 1267-1277	3.1	12
51	Analgesia for skin-breaking procedures in newborns and children: what works best?. <i>Cmaj</i> , 2008 , 179, 11-2	3.5	11
50	Anaesthetic neurotoxicity in rodents: is the ketamine controversy real?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007 , 96, 1554-6	3.1	11
49	Ketamine exposure during embryogenesis inhibits cellular proliferation in rat fetal cortical neurogenic regions. <i>Acta Anaesthesiologica Scandinavica</i> , 2016 , 60, 579-87	1.9	11
48	Clinical trial designs and models for analgesic medications for acute pain in neonates, infants, toddlers, children, and adolescents: ACTION recommendations. <i>Pain</i> , 2018 , 159, 193-205	8	11
47	Neonatal analgesia and anesthesia. Introduction. <i>Seminars in Perinatology</i> , 1998 , 22, 347-9	3.3	9
46	Consciousness, cortical function, and pain perception in nonverbal humans. <i>Behavioral and Brain Sciences</i> , 2007 , 30, 82-83	0.9	9
45	The social ecology of childhood and early life adversity. <i>Pediatric Research</i> , 2021 , 89, 353-367	3.2	9

44	Interaction Between 2 Nutraceutical Treatments and Host Immune Status in the Pediatric Critical Illness Stress-Induced Immune Suppression Comparative Effectiveness Trial. <i>Journal of Parenteral and Enteral Nutrition</i> , 2017 , 41, 1325-1335	4.2	8
43	Clinical Profile Associated with Adverse Childhood Experiences: The Advent of Nervous System Dysregulation. <i>Children</i> , 2017 , 4,	2.8	8
42	Consequences of prenatal opioid use for newborns. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015 , 104, 1066-9	3.1	8
41	Cognitive Development One Year After Infantile Critical Pertussis. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, 89-97	3	8
40	Long-Acting Opioids for Treating Neonatal Abstinence Syndrome: A High Price for a Short Stay?. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 2023-4	27.4	7
39	Inherent Risk Factors for Nosocomial Infection in the Long Stay Critically Ill Child Without Known Baseline Immunocompromise: A Post Hoc Analysis of the CRISIS Trial. <i>Pediatric Infectious Disease Journal</i> , 2016 , 35, 1182-1186	3.4	7
38	The role of the Data and Safety Monitoring Board in a clinical trial: the CRISIS study. <i>Pediatric Critical Care Medicine</i> , 2013 , 14, 374-83	3	7
37	Is Hypertonic Saline an Effective Alternative to Mannitol in the Treatment of Elevated Intracranial Pressure in Pediatric Patients?: Vats A, Chambliss CR, Anand KJS, Pettignano R Is Hypertonic Saline an Effective Alternative to Mannitol in the Treatment of Elevated Intracranial Pressure in Pediatric Patients? <i>J Intensive Care Med</i> 1999;14:184-188. <i>Journal of Intensive Care Medicine</i> , 1999 , 14, 184-188	3.3	7
36	Intratracheal administration of fentanyl: pharmacokinetics and local tissue effects. <i>Intensive Care Medicine</i> , 1996 , 22, 129-33	14.5	7
35	Gastric suction at birth: not an innocent bystander. <i>Journal of Pediatrics</i> , 2004 , 145, 714; author reply 715	3.6	6
34	A single nucleotide polymorphism in the corticotropin receptor gene is associated with a blunted cortisol response during pediatric critical illness. <i>Pediatric Critical Care Medicine</i> , 2014 , 15, 698-705	3	5
33	Interpretation of cortisol concentrations and reference intervals from the CALIPER database. <i>Clinical Chemistry</i> , 2014 , 60, 418-9	5.5	4
32	Tracheal intubation in neonates, infants, and children: is there a right way?. <i>Critical Care Medicine</i> , 2004 , 32, 614-6	1.4	4
31	Physicians' conceptualization of "closure" as a benefit of physician-parent follow-up meetings after a child's death in the pediatric intensive care unit. <i>Journal of Palliative Care</i> , 2013 , 29, 69-75	1.8	4
30	Discovering Pain in Newborn Infants. <i>Anesthesiology</i> , 2019 , 131, 392-395	4.3	4
29	Corticosteroids in pediatric ARDS: all cards on the table. <i>Intensive Care Medicine</i> , 2015 , 41, 2036-7	14.5	3
28	Pediatric patients seen in Port-au-Prince, Haiti. <i>Clinical Pediatrics</i> , 2010 , 49, 1147-52	1.2	3
27	Endocrinopathies in the cardiac ICU. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2011 , 2, 400-10	1.1	3

26	Seeing through the blind! Ability of hospital staff to differentiate morphine from placebo, in neonates at a placebo controlled trial. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007 , 96, 1004-7	3.1	3
25	Response to David Bowsher's comment: The hump from cerebral neurovascular events to the subjective feeling of pain in neonates. <i>Pain</i> , 2006 , 126, 321-322	8	3
24	The Feasibility of Implementing Tai Chi for Nursing Home Residents With Knee Osteoarthritis and Cognitive Impairment 2009 , 10, 9-17		3
23	Pain assessment in cognitively impaired, functionally impaired children: pilot study results. <i>Journal of Pediatric Nursing</i> , 2010 , 25, 307-9	2.2	2
22	Cortical pain responses in the infant brain: Response to Slater et al. Letter to the Editor. <i>Pain</i> , 2006 , 123, 332-334	8	2
21	The newborn infant parasympathetic evaluation index for acute procedural pain assessment in preterm infants. <i>Pediatric Research</i> , 2021 , 89, 1840-1847	3.2	2
20	Historical roots of pain management in infants: A bibliometric analysis using reference publication year spectroscopy.. <i>Paediatric and Neonatal Pain</i> , 2020 , 2, 22-32	1.3	2
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