Martin C J Kneyber

List of Publications by Year
in descending order

129	4,210	185998 28	128067 60
papers	citations	h-index	g-index

130	130	130	3914
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Epidemiology and Outcomes of Critically Ill Children at Risk for Pediatric Acute Respiratory Distress Syndrome: A Pediatric Acute Respiratory Distress Syndrome Incidence and Epidemiology Study*. Critical Care Medicine, 2022, 50, 363-374.	0.4	12
2	Driving Pressure Is Associated With Outcome in Pediatric Acute Respiratory Failure. Pediatric Critical Care Medicine, 2022, 23, e136-e144.	0.2	21
3	Paediatric Acute Respiratory DistressÂSyndrome Neuromuscular Blockade study (PAN-study): a phase IV randomised controlled trial of early neuromuscular blockade in moderate-to-severe paediatric acute respiratory distress syndrome. Trials, 2022, 23, 96.	0.7	0
4	Early Neuromuscular Blockade in Moderate-to-Severe Pediatric Acute Respiratory Distress Syndrome. Critical Care Medicine, 2022, 50, e445-e457.	0.4	8
5	Mechanical power in pediatric acute respiratory distress syndrome: a PARDIE study. Critical Care, 2022, 26, 2.	2.5	13
6	Extracorporeal membrane oxygenation in children receiving haematopoietic cell transplantation and immune effector cell therapy: an international and multidisciplinary consensus statement. The Lancet Child and Adolescent Health, 2022, 6, 116-128.	2.7	17
7	Global and Regional Tidal Volume Distribution in Spontaneously Breathing Mechanically Ventilated Children. Respiratory Care, 2022, 67, 383-393.	0.8	5
8	Epidemiology of Neonatal Acute Respiratory Distress Syndrome: Prospective, Multicenter, International Cohort Study. Pediatric Critical Care Medicine, 2022, 23, 524-534.	0.2	28
9	How Physicians Discuss Uncertainty With Parents in Intensive Care Units. Pediatrics, 2022, 149, .	1.0	9
10	Clinical Challenges in Pediatric Ventilation Liberation: A Meta-Narrative Review. Pediatric Critical Care Medicine, 2022, 23, 999-1008.	0.2	10
11	Effect of pediatric ventilation weaning technique on work of breathing. Respiratory Research, 2022, 23, .	1.4	1
12	Lung transplantation in neonates and infants: ESPNIC survey of European neonatologists and pediatric intensivists. European Journal of Pediatrics, 2021, 180, 295-298.	1.3	5
13	European consensus recommendations for neonatal and paediatric retrievals of positive or suspected COVID-19 patients. Pediatric Research, 2021, 89, 1094-1100.	1.1	15
14	Adherence to Lung-Protective Ventilation Principles in Pediatric Acute Respiratory Distress Syndrome: A Pediatric Acute Respiratory Distress Syndrome Incidence and Epidemiology Study*. Critical Care Medicine, 2021, 49, 1779-1789.	0.4	24
15	Postextubation Respiratory Support: Is High-Flow Oxygen Therapy the Answer?*. Pediatric Critical Care Medicine, 2021, 22, 509-512.	0.2	3
16	Trends in Pediatric Patient-Ventilator Asynchrony During Invasive Mechanical Ventilation. Pediatric Critical Care Medicine, 2021, 22, 993-997.	0.2	2
17	Randomized Controlled Trial of Negative Pressure Ventilation: We First Need Characterized Physiology. Pediatric Critical Care Medicine, 2021, 22, e371-e372.	0.2	3
18	Performance of acute respiratory distress syndrome definitions in a high acuity paediatric intensive care unit. Respiratory Research, 2021, 22, 256.	1.4	4

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19	Caring for Critically Ill Children With Suspected or Proven Coronavirus Disease 2019 Infection: Recommendations by the Scientific Sectionsâ€™ Collaborative of the European Society of Pediatric and Neonatal Intensive Care*. Pediatric Critical Care Medicine, 2021, 22, 56-67.	0.2	34
20	Driving Pressure and Mechanical Power: The Return of Physiology in Pediatric Mechanical Ventilation*. Pediatric Critical Care Medicine, 2021, 22, 927-929.	0.2	8
21	Current practices in children with severe acute asthma across European PICUs: an ESPNIC survey. European Journal of Pediatrics, 2020, 179, 455-461.	1.3	11
22	Online Learning and Residentsâ€™ Acquisition of Mechanical Ventilation Knowledge: Sequencing Matters. Critical Care Medicine, 2020, 48, e1-e8.	0.4	7
23	Effect of Endotracheal Tube Size, Respiratory System Mechanics, and Ventilator Settings on Driving Pressure. Pediatric Critical Care Medicine, 2020, 21, e47-e51.	0.2	8
24	Energy transmission in mechanically ventilated children: a translational study. Critical Care, 2020, 24, 601.	2.5	10
25	Additional work of breathing from trigger errors in mechanically ventilated children. Respiratory Research, 2020, 21, 296.	1.4	5
26	Predicting Mortality in Children With Pediatric Acute Respiratory Distress Syndrome: A Pediatric Acute Respiratory Distress Syndrome Incidence and Epidemiology Study. Critical Care Medicine, 2020, 48, e514-e522.	0.4	33
27	Paediatric and adult critical care medicine: joining forces against Covid-19. Critical Care, 2020, 24, 350.	2.5	9
28	Early Use of Adjunctive Therapies for Pediatric Acute Respiratory Distress Syndrome: A PARDIE Study. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1389-1397.	2.5	31
29	Onset of brain injury in infants with prenatally diagnosed congenital heart disease. PLoS ONE, 2020, 15, e0230414.	1.1	13
30	Spontaneous Breathing and Imposed Work During Pediatric Mechanical Ventilation: A Bench Study*. Pediatric Critical Care Medicine, 2020, 21, e449-e455.	0.2	4
31	Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children. Pediatric Critical Care Medicine, 2020, 21, e52-e106.	0.2	567
32	Executive summary: surviving sepsis campaign international guidelines for the management of septic shock and sepsis-associated organ dysfunction in children. Intensive Care Medicine, 2020, 46, 1-9.	3.9	70
33	Executive Summary: Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children. Pediatric Critical Care Medicine, 2020, 21, 186-195.	0.2	48
34	Surviving sepsis campaign international guidelines for the management of septic shock and sepsis-associated organ dysfunction in children. Intensive Care Medicine, 2020, 46, 10-67.	3.9	331
35	High-frequency oscillatory ventilation for PARDS: awaiting PROSPect. Critical Care, 2020, 24, 118.	2.5	4
36	Impact of HFOV in pARDS outcomes: questions remain. Critical Care, 2020, 24, 116.	2.5	1

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37	Physiologic responses to a staircase lung volume optimization maneuver in pediatric high-frequency oscillatory ventilation. Annals of Intensive Care, 2020, 10, 153.	2.2	10
38	Nonconventional Mechanical Ventilation for Pediatric Acute Respiratory Distress Syndrome: High-Frequency Oscillatory Ventilation and Airway Pressure Release Ventilation. , 2020, , 73-88.		0
39	Response to the authors. Annals of Intensive Care, 2020, 10, 77.	2.2	0
40	pCLIF-SOFA is a reliable outcome prognostication score of critically ill children with cirrhosis: an ESPNIC multicentre study. Annals of Intensive Care, 2020, 10, 137.	2.2	6
41	Focus on paediatrics. Intensive Care Medicine, 2019, 45, 1462-1465.	3.9	0
42	The effect of pressure support on imposed work of breathing during paediatric extubation readiness testing. Annals of Intensive Care, 2019, 9, 78.	2.2	11
43	Translational gap in pediatric septic shock management: an ESPNIC perspective. Annals of Intensive Care, 2019, 9, 73.	2.2	12
44	Endobronchial valve placement for a severe pneumothorax in a child on ECLS. Pediatric Pulmonology, 2019, 54, 1875-1877.	1.0	6
45	Time-based capnography detects ineffective triggering in mechanically ventilated children. Critical Care, 2019, 23, 299.	2.5	2
46	Lung Volume Optimization Maneuver Responses in Pediatric High-Frequency Oscillatory Ventilation. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1034-1036.	2.5	6
47	Feasibility of an alternative, physiologic, individualized open-lung approach to high-frequency oscillatory ventilation in children. Annals of Intensive Care, 2019, 9, 9.	2.2	21
48	Increasing the dose of oral vitamin K prophylaxis and its effect on bleeding risk. European Journal of Pediatrics, 2019, 178, 1033-1042.	1.3	13
49	Reverse Triggering: A Novel Type of Patientâ€"Ventilator Asynchrony in Mechanically Ventilated Children. American Journal of Respiratory and Critical Care Medicine, 2019, 200, e4-e5.	2.5	9
50	Virus-Induced Pediatric Acute Respiratory Distress Syndrome. Pediatric Critical Care Medicine, 2019, 20, 899-900.	0.2	0
51	Epidemiology and Outcome of Critically Ill Pediatric Cancer and Hematopoietic Stem Cell Transplant Patients Requiring Continuous Renal Replacement Therapy. Critical Care Medicine, 2019, 47, e893-e901.	0.4	15
52	Bleeding Assessment Scale in Critically Ill Children (BASIC): Physician-Driven Diagnostic Criteria for Bleeding Severity. Critical Care Medicine, 2019, 47, 1766-1772.	0.4	26
53	Mechanical ventilation during extra-corporeal membrane oxygenation: more questions than answers. Minerva Anestesiologica, 2019, 85, 91-92.	0.6	0
54	Paediatric acute respiratory distress syndrome incidence and epidemiology (PARDIE): an international, observational study. Lancet Respiratory Medicine,the, 2019, 7, 115-128.	5.2	267

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55	Ventilator-induced lung injury in children: a reality?. Annals of Translational Medicine, 2019, 7, 506-506.	0.7	12
56	A focused issue on pediatric acute respiratory distress syndrome. Annals of Translational Medicine, 2019, 7, 501-501.	0.7	0
57	The top ten unknowns in paediatric mechanical ventilation. Intensive Care Medicine, 2018, 44, 366-370.	3.9	13
58	1162: PEDIATRIC INTENSIVISTSâ€™ PERCEPTIONS OF A CLINICALLY MEANINGFUL IMPROVEMENT IN VENTILATOR-FREE DAYS. Critical Care Medicine, 2018, 46, 565-565.	0.4	0
59	Validation of the SOS-PD scale for assessment of pediatric delirium: a multicenter study. Critical Care, 2018, 22, 309.	2.5	39
60	Consensus Recommendations for RBC Transfusion Practice in Critically Ill Children From the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. Pediatric Critical Care Medicine, 2018, 19, 884-898.	0.2	132
61	Ventilator-induced lung injury: does it occur in children?. Minerva Anestesiologica, 2018, 84, 626-631.	0.6	14
62	Recommendations on RBC Transfusions in Critically Ill Children With Acute Respiratory Failure From the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. Pediatric Critical Care Medicine, 2018, 19, S114-S120.	0.2	13
63	Setting Positive End-Expiratory Pressure in Pediatric Acute Respiratory Distress Syndrome: Cookbook or Individualized Titration?. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 822-823.	2.5	2
64	Intravenous morphine versus intravenous paracetamol after cardiac surgery in neonates and infants: a study protocol for a randomized controlled trial. Trials, 2018, 19, 318.	0.7	6
65	Transcutaneous electromyographic respiratory muscle recordings to quantify patientâ€“ventilator interaction in mechanically ventilated children. Annals of Intensive Care, 2018, 8, 12.	2.2	14
66	Acute Respiratory Distress Syndrome in Children. , 2017, , 311-340.		0
67	Mechanical Ventilation, Weaning Practices, and Decision Making in European PICUs*. Pediatric Critical Care Medicine, 2017, 18, e182-e188.	0.2	23
68	Factors Associated With Mortality in Low-Risk Pediatric Critical Care Patients in The Netherlands*. Pediatric Critical Care Medicine, 2017, 18, e155-e161.	0.2	18
69	Recommendations for mechanical ventilation of critically ill children from the Paediatric Mechanical Ventilation Consensus Conference (PEMVECC). Intensive Care Medicine, 2017, 43, 1764-1780.	3.9	229
70	Lung ultrasound and neonatal ARDS: is Montreux closer to Berlin than to Kigali? â€“ Authors' reply. Lancet Respiratory Medicine,the, 2017, 5, e32.	5.2	9
71	The Montreux definition of neonatal ARDS: biological and clinical background behind the description of a new entity. Lancet Respiratory Medicine,the, 2017, 5, 657-666.	5.2	202
72	Near-infrared spectroscopy as a predictor of clinical deterioration: a case report of two infants with duct-dependent congenital heart disease. BMC Pediatrics, 2017, 17, 79.	0.7	12

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73	Patient-Ventilator Asynchrony During Assisted Ventilation in Children. Pediatric Critical Care Medicine, 2016, 17, e204-e211.	0.2	34
74	Mechanical Ventilation for Pediatric Acute Respiratory Distress Syndrome. Pediatric Critical Care Medicine, 2016, 17, 1000-1001.	0.2	2
75	Do We Really Know How to Use High-Frequency Oscillatory Ventilation in Critically Ill Children?. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 1067-1068.	2.5	20
76	Refractory septic shock in children: a European Society of Paediatric and Neonatal Intensive Care definition. Intensive Care Medicine, 2016, 42, 1948-1957.	3.9	81
77	Short-term effects of neuromuscular blockade on global and regional lung mechanics, oxygenation and ventilation in pediatric acute hypoxemic respiratory failure. Annals of Intensive Care, 2016, 6, 103.	2.2	26
78	The authors reply. Pediatric Critical Care Medicine, 2016, 17, 811-812.	0.2	0
79	Any trial can (almost) kill a good technique. Intensive Care Medicine, 2016, 42, 1092-1093.	3.9	9
80	Pulmonary Specific Ancillary Treatment for Pediatric Acute Respiratory Distress Syndrome. Pediatric Critical Care Medicine, 2015, 16, S61-S72.	0.2	65
81	The authors reply. Critical Care Medicine, 2015, 43, e153.	0.4	0
82	Corticosteroids for paediatric ARDS: unjustifiedâ€”even unjustifiable?. Intensive Care Medicine, 2015, 41, 1685-1687.	3.9	4
83	Intraoperative mechanical ventilation for the pediatric patient. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2015, 29, 371-379.	1.7	26
84	It Is Too Early to Declare Early or Late Rescue High-Frequency Oscillatory Ventilation Dead. JAMA Pediatrics, 2014, 168, 861.	3.3	15
85	Tidal Volume and Mortality in Mechanically Ventilated Children. Critical Care Medicine, 2014, 42, 2461-2472.	0.4	70
86	Infants with severe respiratory syncytial virus needed less ventilator time with nasal continuous airways pressure then invasive mechanical ventilation. Acta Paediatrica, International Journal of Paediatrics, 2014, 103, 81-85.	0.7	22
87	How to manage ventilation in pediatric acute respiratory distress syndrome?. Intensive Care Medicine, 2014, 40, 1924-1926.	3.9	10
88	Ventilator-induced Lung Injury. Similarity and Differences between Children and Adults. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 258-265.	2.5	111
89	International collaborative research for pediatric and neonatal lung injury: the example of an ESPNIC initiative to validate definitions and formulate future research questions. Jornal De Pediatria, 2014, 90, 209-211.	0.9	5
90	Question 1: Is there a role for high-flow nasal cannula oxygen therapy to prevent endotracheal intubation in children with viral bronchiolitis?. Archives of Disease in Childhood, 2013, 98, 1018.1-1020.	1.0	3

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91	Aggravation of myocardial dysfunction by injurious mechanical ventilation in LPS-induced pneumonia in rats. Respiratory Research, 2013, 14, 92.	1.4	13
92	The use of the Berlin definition for acute respiratory distress syndrome during infancy and early childhood: multicenter evaluation and expert consensus. Intensive Care Medicine, 2013, 39, 2083-2091.	3.9	104
93	Transfusion of Leukocyte-Depleted RBCs Is Independently Associated With Increased Morbidity After Pediatric Cardiac Surgery*. Pediatric Critical Care Medicine, 2013, 14, 298-305.	0.2	34
94	Reflections on Pediatric High-Frequency Oscillatory Ventilation From a Physiologic Perspective. Respiratory Care, 2012, 57, 1496-1504.	0.8	47
95	Structural Changes of the Heart During Severe Sepsis or Septic Shock. Shock, 2012, 37, 449-456.	1.0	79
96	The need for and feasibility of a pediatric ventilation trial. Pediatric Critical Care Medicine, 2012, 13, 632-638.	0.2	21
97	High-frequency oscillatory ventilation and right ventricular function. Critical Care Medicine, 2012, 40, 3106.	0.4	1
98	Tension pneumoperitoneum in a child. Journal of Pediatric Surgery, 2012, 47, 1784-1785.	0.8	0
99	Early Myocardial Dysfunction is Not Caused by Mitochondrial Abnormalities in a Rat Model of Peritonitis. Journal of Surgical Research, 2012, 176, 178-184.	0.8	12
100	Mechanical ventilation with high tidal volumes attenuates myocardial dysfunction by decreasing cardiac edema in a rat model of LPS-induced peritonitis. Respiratory Research, 2012, 13, 23.	1.4	10
101	High-frequency oscillatory ventilation and pediatric cardiac surgery: Yes, we can!. Critical Care, 2011, 15, 1011.	2.5	2
102	Direct Measurement Of Stroke Volume Variations Is Not Correlated With Systolic Or Pulse Pressure Variations In The Rat During Vena Cava Occlusion. , 2011, , .		0
103	Transfusion of leukocyte-depleted red blood cells is not a risk factor for nosocomial infections in critically ill children*. Pediatric Critical Care Medicine, 2011, 12, 519-524.	0.2	5
104	Red blood cell transfusion in paediatric critical care. Clinical Laboratory, 2011, 57, 263-6.	0.2	2
105	Prognostic scoring in critically ill children: What to predict?. Cmaj, 2010, 182, 1155-1156.	0.9	4
106	Length of storage of red blood cells does not affect outcome in critically ill children. Intensive Care Medicine, 2009, 35, 179-180.	3.9	13
107	Heliox reduces respiratory system resistance in respiratory syncytial virus induced respiratory failure. Critical Care, 2009, 13, R71.	2.5	35
108	Mechanical ventilation during experimental sepsis increases deposition of advanced glycation end products and myocardial inflammation. Critical Care, 2009, 13, R87.	2.5	13

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109	Management of acute lung injury and acute respiratory distress syndrome in children: A different perspective. Critical Care Medicine, 2009, 37, 3191-3192.	0.4	39
110	Acute respiratory distress syndrome: is it underrecognized in the pediatric intensive care unit?. Intensive Care Medicine, 2008, 34, 751-754.	3.9	84
111	Should strict normoglycaemia be maintained in critically ill children?. Intensive Care Medicine, 2008, 34, 1548-1550.	3.9	1
112	End-of-life decision in aÂpaediatric intensive care unit: decision making in light of the parents' religious beliefs. Intensive Care Medicine, 2008, 34, 1355-1355.	3.9	2
113	Pediatric acute kidney injury in the ICU: an independent evaluation of pRIFLE criteria. Intensive Care Medicine, 2008, 34, 1713-1717.	3.9	185
114	Azithromycin does not improve disease course in hospitalized infants with respiratory syncytial virus (RSV) lower respiratory tract disease: A randomized equivalence trial. Pediatric Pulmonology, 2008, 43, 142-149.	1.0	65
115	The quest for optimal positive end-expiratory pressure continues. Critical Care, 2007, 12, 408.	2.5	2
116	Traumatic pediatric brain injury and intracranial pressure monitoring: does it really improve outcome?. Intensive Care Medicine, 2007, 33, 1675-1675.	3.9	5
117	Red blood cell transfusion in critically ill children is independently associated with increased mortality. Intensive Care Medicine, 2007, 33, 1414-1422.	3.9	158
118	Accidental ecstasy intoxication in an 8-month-old infant. Intensive Care Medicine, 2006, 32, 632-633.	3.9	11
119	Mechanical ventilation with heliox decreases respiratory system resistance and facilitates CO2 removal in obstructive airway disease. Intensive Care Medicine, 2006, 32, 1676-1677.	3.9	9
120	Concurrent bacterial infection and prolonged mechanical ventilation in infants with respiratory syncytial virus lower respiratory tract disease. Intensive Care Medicine, 2005, 31, 680-685.	3.9	80
121	Bench-to-bedside review: Paediatric viral lower respiratory tract disease necessitating mechanical ventilation–should we use exogenous surfactant?. Critical Care, 2005, 9, 550.	2.5	8
122	High-frequency oscillatory ventilation (HFOV) facilitates CO2 elimination in small airway disease: The open airway concept. Respiratory Medicine, 2005, 99, 1459-1461.	1.3	13
123	Advances in respiratory syncytial virus vaccine development. Current Opinion in Investigational Drugs, 2004, 5, 163-70.	2.3	16
124	Palivizumab and congenital heart disease. Journal of Pediatrics, 2004, 144, 837.	0.9	0
125	Respiratory syncytial virus infection and invasive meningococcal disease: is there an association?. European Journal of Pediatrics, 2003, 162, 352-353.	1.3	6
126	Current concepts on active immunization against respiratory syncytial virus for infants and young children. Pediatric Infectious Disease Journal, 2002, 21, 685-696.	1.1	17

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127	Prediction of duration of hospitalization in respiratory syncytial virus infection. Pediatric Pulmonology, 2002, 33, 453-457.	1.0	28
128	Predictors of a normal chest xâ€ray in respiratory syncytial virus infection. Pediatric Pulmonology, 2001, 31, 277-283.	1.0	9
129	Treatment and prevention of respiratory syncytial virus infection. European Journal of Pediatrics, 2000, 159, 399-411.	1.3	58