Pablo Cruces

List of Publications by Year
in descending order

28 papers	463 citations	759055 12 h-index	713332 21 g-index
29 all docs	29 docs citations	29 times ranked	700 citing authors

#	Article	IF	Citations
1	A physiological approach to understand the role of respiratory effort in the progression of lung injury in SARS-CoV-2 infection. Critical Care, 2020, 24, 494.	2.5	93
2	The renal compartment: a hydraulic view. Intensive Care Medicine Experimental, 2014, 2, 26.	0.9	39
3	Progression of regional lung strain and heterogeneity in lung injury: assessing the evolution under spontaneous breathing and mechanical ventilation. Annals of Intensive Care, 2020, 10, 107.	2.2	33
4	Influence of tidal volume on pulse pressure variation and stroke volume variation during experimental intra-abdominal hypertension. BMC Anesthesiology, 2015, 15, 127.	0.7	32
5	Respiratory and hemodynamic effects of a stepwise lung recruitment maneuver in pediatric ARDS: A feasibility study. Pediatric Pulmonology, 2013, 48, 1135-1143.	1.0	30
6	Angiotensin-converting enzyme insertion/deletion polymorphism is associated with severe hypoxemia in pediatric ARDS. Intensive Care Medicine, 2012, 38, 113-119.	3.9	26
7	Implementation of preemptive fluid strategy as a bundle to prevent fluid overload in children with acute respiratory distress syndrome and sepsis. BMC Pediatrics, 2018, 18, 207.	0.7	26
8	Pediatric Inflammatory Multisystem Syndrome Associated With SARS-CoV-2. Pediatric Emergency Care, 2021, 37, 44-47.	0.5	21
9	Respiratory mechanics in infants with severe bronchiolitis on controlled mechanical ventilation. BMC Pulmonary Medicine, 2017, 17, 129.	0.8	20
10	Renal Decapsulation Prevents Intrinsic Renal Compartment Syndrome in Ischemia-Reperfusionâ€“Induced Acute Kidney Injury: A Physiologic Approach*. Critical Care Medicine, 2018, 46, 216-222.	0.4	19
11	Latin American Consensus on the Management of Sepsis in Children: Sociedad Latinoamericana de Cuidados Intensivos PediÃ¡tricos [Latin American Pediatric Intensive Care Society] (SLACIP) Task Force: Executive Summary. Journal of Intensive Care Medicine, 2022, 37, 753-763.	1.3	15
12	Mild hypothermia increases pulmonary antiâ€inflammatory response during protective mechanical ventilation in a piglet model of acute lung injury. Paediatric Anaesthesia, 2013, 23, 1069-1077.	0.6	14
13	Successful use of mild therapeutic hypothermia as compassionate treatment for severe refractory hypoxemia in COVID-19. Journal of Critical Care, 2021, 63, 260-263.	1.0	14
14	Retirada de la ventilaciÃ³n mecÃ¡nica en pediatrÃa. Estado de la situaciÃ³n. Archivos De Bronconeumologia, 2014, 50, 105-112.	0.4	13
15	Driving Pressure and Normalized Energy Transmission Calculations in Mechanically Ventilated Children Without Lung Disease and Pediatric Acute Respiratory Distress Syndrome*. Pediatric Critical Care Medicine, 2021, 22, 870-878.	0.2	13
16	Mild hypothermia attenuates lung edema and plasma interleukin-1Î² in a rat mechanical ventilation-induced lung injury model. Experimental Lung Research, 2011, 37, 549-554.	0.5	9
17	Effect of positive end-expiratory pressure on lung injury and haemodynamics during experimental acute respiratory distress syndrome treated with extracorporeal membrane oxygenation and near-apnoeic ventilation. British Journal of Anaesthesia, 2021, 127, 807-814.	1.5	8
18	Therapeutic plasma exchange in critically ill children: experience of the pediatric intensive care unit of two centers in Chile. Transfusion and Apheresis Science, 2021, 60, 103181.	0.5	7

#	Article	IF	Citations
19	Positive end-expiratory pressure improves elastic working pressure in anesthetized children. BMC Anesthesiology, 2018, 18, 151.	0.7	6
20	Mapping regional strain in anesthetised healthy subjects during spontaneous ventilation. BMJ Open Respiratory Research, 2019, 6, e000423.	1.2	6
21	Surfactant deactivation in a pediatric model induces hypovolemia and fluid shift to the extravascular lung compartment. Paediatric Anaesthesia, 2013, 23, 250-257.	0.6	5
22	Clinical and organizational framework of repurposing pediatric intensive care unit to adult critical care in a resource-limited setting: Lessons from the response of an urban general hospital to the COVID-19 pandemic. Journal of Critical Care, 2022, 68, 59-65.	1.0	5
23	Distribution and Magnitude of Regional Volumetric Lung Strain and Its Modification by PEEP in Healthy Anesthetized and Mechanically Ventilated Dogs. Frontiers in Veterinary Science, 2022, 9, 839406.	0.9	3
24	Can acute renal failure be complicated by renal compartment syndrome? A new view of an old idea. Nefrologia, 2013, 33, 732-3.	0.2	3
25	934: SAFETY AND EFFICACY OF A PREVENTIVE STRATEGY FOR FLUID OVERLOAD IN CHILDREN WITH SEPSIS AND PARDS. Critical Care Medicine, 2016, 44, 309-309.	0.4	2
26	Decreased lung compliance increases preload dynamic tests in a pediatric acute lung injury model. Revista Chilena De Pediatria, 2015, 86, 404-409.	0.4	1
27	Characteristics of Medically Transported Critically Ill Children with Respiratory Failure in Latin America: Implications for Outcomes. Journal of Pediatric Intensive Care, 0, , .	0.4	0
28	Airway Management of Critically Ill Pediatric Patients with Suspected or Proven Coronavirus Disease 2019 Infection: An Intensivist Point of View. Journal of Pediatric Intensive Care, 0, , .	0.4	0