

# Alexandre T Rotta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4505245/publications.pdf>

Version: 2024-02-01

131  
papers

1,998  
citations

346980

22  
h-index

312153

41  
g-index

137  
all docs

137  
docs citations

137  
times ranked

2173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Suicide and Self-Harm in Children and Adolescents Admitted to PICUs in the United States. <i>Pediatric Critical Care Medicine</i> , 2022, 23, e66-e70.	0.2	6
2	A Novel Maneuver to Treat Refractory Atelectasis in Mechanically Ventilated Children. <i>Journal of Pediatric Intensive Care</i> , 2022, 11, 159-167.	0.4	2
3	A systematic review of the evidence supporting post-operative antithrombotic use following cardiopulmonary bypass in children with CHD. <i>Cardiology in the Young</i> , 2022, 32, 10-20.	0.4	1
4	Dexmedetomidine: A Means to an End or Just Delaying the Inevitable?. <i>Respiratory Care</i> , 2022, 67, 377-380.	0.8	0
5	Age-Related Changes in the Nasopharyngeal Microbiome Are Associated With Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection and Symptoms Among Children, Adolescents, and Young Adults. <i>Clinical Infectious Diseases</i> , 2022, 75, e928-e937.	2.9	22
6	Long-term Neurocognitive Morbidity After a Single Episode of Respiratory Failure in Children. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 823.	3.8	1
7	The Temporal Relationship Between Local School Closure and Increased Incidence of Pediatric Diabetic Ketoacidosis. <i>Frontiers in Pediatrics</i> , 2022, 10, 812265.	0.9	4
8	1169: EFFECT OF REDUCING PRESSURE SUPPORT DURING ERT IN CHILDREN WITH CONGENITAL HEART DISEASE. <i>Critical Care Medicine</i> , 2022, 50, 583-583.	0.4	0
9	1083: DEVELOPMENT OF A NOVEL INTRAVASCULAR OXYGENATOR CATHETER: PILOT EX VIVO STUDY. <i>Critical Care Medicine</i> , 2022, 50, 540-540.	0.4	0
10	School Closures in the United States and Severe Respiratory Illnesses in Children: A Normalized Nationwide Sample. <i>Pediatric Critical Care Medicine</i> , 2022, 23, 535-543.	0.2	5
11	The Physiological Basis of High-Frequency Oscillatory Ventilation and Current Evidence in Adults and Children: A Narrative Review. <i>Frontiers in Physiology</i> , 2022, 13, 813478.	1.3	5
12	Mechanical Ventilation and Respiratory Support in the Pediatric Intensive Care Unit. <i>Pediatric Clinics of North America</i> , 2022, 69, 587-605.	0.9	2
13	Epidemiology and Outcomes of SARS-CoV-2 Infection or Multisystem Inflammatory Syndrome in Children vs Influenza Among Critically Ill Children. <i>JAMA Network Open</i> , 2022, 5, e2217217.	2.8	6
14	Trends in Head Computed Tomography Utilization in Children Presenting to Emergency Departments After Traumatic Head Injury. <i>Pediatric Emergency Care</i> , 2021, 37, e384-e390.	0.5	7
15	Reduced PICU respiratory admissions during COVID-19. <i>Archives of Disease in Childhood</i> , 2021, 106, 808-811.	1.0	56
16	Severe Acute Respiratory Syndrome Coronavirus 2 Infections Among Children in the Biospecimens from Respiratory Virus-Exposed Kids (BRAVE Kids) Study. <i>Clinical Infectious Diseases</i> , 2021, 73, e2875-e2882.	2.9	51
17	High-Frequency Jet Ventilation in Pediatric Acute Respiratory Failure. <i>Respiratory Care</i> , 2021, 66, 191-198.	0.8	8
18	Variability in care for children with severe acute asthma in Latin America. <i>Pediatric Pulmonology</i> , 2021, 56, 384-391.	1.0	3

#	ARTICLE	IF	CITATIONS
19	A narrative review of advanced ventilator modes in the pediatric intensive care unit. <i>Translational Pediatrics</i> , 2021, 10, 2700-2719.	0.5	9
20	Severe Acute Respiratory Syndrome-associated Coronavirus 2 Infection and Organ Dysfunction in the ICU: Opportunities for Translational Research. , 2021, 3, e0374.		20
21	A systematic review of the evidence supporting post-operative medication use in congenital heart disease. <i>Cardiology in the Young</i> , 2021, 31, 707-733.	0.4	2
22	A systematic review of the evidence supporting post-operative diuretic use following cardiopulmonary bypass in children with Congenital Heart Disease. <i>Cardiology in the Young</i> , 2021, 31, 699-706.	0.4	4
23	High-Flow Nasal Cannula in Pediatric Critical Asthma. <i>Respiratory Care</i> , 2021, 66, 1240-1246.	0.8	10
24	Randomized Controlled Trial of Negative Pressure Ventilation: We First Need a National Patient Registry. <i>Pediatric Critical Care Medicine</i> , 2021, 22, e369-e370.	0.2	4
25	High-Frequency Jet Ventilation in Infants With Congenital Heart Disease. <i>Respiratory Care</i> , 2021, 66, 1684-1690.	0.8	3
26	Changes in Pediatric ICU Utilization and Clinical Trends During the Coronavirus Pandemic. <i>Chest</i> , 2021, 160, 529-537.	0.4	42
27	Asymptomatic or mild symptomatic SARS-CoV-2 infection elicits durable neutralizing antibody responses in children and adolescents. <i>JCI Insight</i> , 2021, 6, .	2.3	45
28	Prevalence of Reintubation Within 24 Hours of Extubation in Bronchiolitis: Retrospective Cohort Study Using the Virtual Pediatric Systems Database*. <i>Pediatric Critical Care Medicine</i> , 2021, 22, 474-482.	0.2	9
29	Family Presence and Visitation Practices in Latin American PICUs: An International Survey. <i>Journal of Pediatric Intensive Care</i> , 2021, 10, 276-281.	0.4	3
30	1007: High-Flow Nasal Cannula in Pediatric Critical Asthma. <i>Critical Care Medicine</i> , 2021, 49, 502-502.	0.4	0
31	Response from the Authors. <i>Journal of Pediatric Intensive Care</i> , 2021, 10, 240-242.	0.4	0
32	Newborn Circumcision Techniques and Medical Ethics. <i>American Family Physician</i> , 2021, 103, 69-70.	0.1	0
33	Characterization of In-Flight Medical Events Involving Children on Commercial Airline Flights. <i>Annals of Emergency Medicine</i> , 2020, 75, 66-74.	0.3	8
34	Palliative extubation: five-year experience in a pediatric hospital. <i>Jornal De Pediatria</i> , 2020, 96, 652-659.	0.9	6
35	Randomized pilot trial of ipratropium versus placebo in children with critical asthma. <i>Pediatric Pulmonology</i> , 2020, 55, 3287-3292.	1.0	3
36	High-Flow Nasal Cannula versus Continuous Positive Airway Pressure in Critical Bronchiolitis: A Randomized Controlled Pilot. <i>Journal of Pediatric Intensive Care</i> , 2020, 09, 248-255.	0.4	23

#	ARTICLE	IF	CITATIONS
37	The Effects of Furosemide on Oxygenation in Mechanically Ventilated Children with Bronchiolitis. <i>Journal of Pediatric Intensive Care</i> , 2020, 09, 087-091.	0.4	2
38	Emergency room endotracheal intubation in children with bronchiolitis : A cohort study using a multicenter database. <i>Health Science Reports</i> , 2020, 3, e169.	0.6	0
39	The Impact of an Emergency Department Upgrade to Level I Trauma Status on the Timeliness of Nontrauma Computed Tomography Scans. <i>Journal of Emergency Medicine</i> , 2020, 59, 315-319.	0.3	0
40	1186: ASSESSMENT OF THE DEGREE OF ATELECTASIS IN INTUBATED CHILDREN AFTER THE RAINBOW-DRISCOLL MANEUVER. <i>Critical Care Medicine</i> , 2020, 48, 571-571.	0.4	2
41	Outcomes of Children With Bronchiolitis Treated With High-Flow Nasal Cannula or Noninvasive Positive Pressure Ventilation*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 128-135.	0.2	56
42	Outcomes of Children With Critical Bronchiolitis Meeting at Risk for Pediatric Acute Respiratory Distress Syndrome Criteria*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, e70-e76.	0.2	14
43	979. <i>Critical Care Medicine</i> , 2019, 47, 468.	0.4	1
44	783. <i>Critical Care Medicine</i> , 2019, 47, 370.	0.4	0
45	What Is Weighing Us Down From Elucidating Ideal Ventilation Strategies in Pediatric Acute Respiratory Distress Syndrome?*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 303-305.	0.2	1
46	1226. <i>Critical Care Medicine</i> , 2019, 47, 589.	0.4	0
47	1227. <i>Critical Care Medicine</i> , 2019, 47, 590.	0.4	0
48	High-flow nasal cannula flow rate in young infants with severe viral bronchiolitis: the question is still open. <i>Intensive Care Medicine</i> , 2019, 45, 134-135.	3.9	5
49	Characterization of Suicide and Deliberate Self-Harm Among Children in the United States. <i>Clinical Pediatrics</i> , 2019, 58, 66-72.	0.4	5
50	Outcomes of Children With Critical Bronchiolitis Living in Poor Communities. <i>Clinical Pediatrics</i> , 2018, 57, 1027-1032.	0.4	23
51	1634: IMPROPER USE OF CHILD SAFETY SEATS AND RESTRAINTS IS NOT ASSOCIATED WITH LOW INCOME AND POVERTY. <i>Critical Care Medicine</i> , 2018, 46, 801-801.	0.4	0
52	712: RECENT TRENDS IN THE EPIDEMIOLOGY, TREATMENT, AND OUTCOMES OF PICU BRONCHIOLITIS. <i>Critical Care Medicine</i> , 2018, 46, 342-342.	0.4	0
53	1028: HEATED HUMIDIFIED HIGH-FLOW NASAL CANNULA GAS MIXTURES IN A HUMAN MODEL OF AIRWAY OBSTRUCTION. <i>Critical Care Medicine</i> , 2018, 46, 498-498.	0.4	0
54	Identifying Factors Associated With Critical Asthma. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 1093-1094.	0.2	0

#	ARTICLE	IF	CITATIONS
55	1166: LOCATION OF PRE-ADMISSION ENDOTRACHEAL INTUBATION AND CLINICAL OUTCOMES IN BRONCHIOLITIS. <i>Critical Care Medicine</i> , 2018, 46, 567-567.	0.4	0
56	Factors Associated With Early Deaths Following Neonatal Male Circumcision in the United States, 2001 to 2010. <i>Clinical Pediatrics</i> , 2018, 57, 1532-1540.	0.4	11
57	Hyponatremia and Hypotonic Intravenous Fluids Are Associated With Unfavorable Outcomes of Bronchiolitis Admissions. <i>Hospital Pediatrics</i> , 2017, 7, 263-270.	0.6	14
58	Corticosteroid Therapy During Acute Bronchiolitis in Patients Who Later Develop Asthma. <i>Hospital Pediatrics</i> , 2017, 7, 403-409.	0.6	9
59	Sedation and subglottic stenosis in critically ill children. <i>Jornal De Pediatria</i> , 2017, 93, 317-319.	0.9	0
60	Temporal Changes in Prescription of Neuropharmacologic Drugs and Utilization of Resources Related to Neurologic Morbidity in Mechanically Ventilated Children With Bronchiolitis*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, e606-e614.	0.2	14
61	The use of high-flow nasal cannula in the pediatric emergency department. <i>Jornal De Pediatria</i> , 2017, 93, 36-45.	0.9	38
62	Neurologic and Functional Morbidity in Critically Ill Children With Bronchiolitis*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 1106-1113.	0.2	27
63	Respiratory Viral Coinfections in the PICU. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 816-817.	0.2	0
64	High Flow Nasal Cannula Flow Rates: New Data Worth the Weight. <i>Journal of Pediatrics</i> , 2017, 189, 9-10.	0.9	8
65	The impact of septicemia occurring during hospitalization for renal transplantation procedures on outcomes in adults in United States. <i>PLoS ONE</i> , 2017, 12, e0179466.	1.1	8
66	Tratamento atual de crianças com asma crônica e quase fatal. <i>Revista Brasileira De Terapia Intensiva</i> , 2016, 28, 167-78.	0.1	10
67	468: THE EFFECT OF POVERTY ON CHILDREN PRESENTING WITH DIABETIC KETOACIDOSIS. <i>Critical Care Medicine</i> , 2016, 44, 193-193.	0.4	0
68	938: A PHYSIOLOGIC STUDY OF HELIUM-OXYGEN GAS DELIVERY VIA HIGH-FLOW NASAL CANNULA IN AIRWAY OBSTRUCTION. <i>Critical Care Medicine</i> , 2016, 44, 310-310.	0.4	0
69	1026: OUTCOMES OF HIGH-FLOW NASAL CANNULA AND NONINVASIVE POSITIVE PRESSURE VENTILATION IN BRONCHIOLITIS. <i>Critical Care Medicine</i> , 2016, 44, 332-332.	0.4	0
70	1062: DEXMEDETOMIDINE IS ASSOCIATED WITH UNFAVORABLE OUTCOMES IN VENTILATED CHILDREN WITH BRONCHIOLITIS. <i>Critical Care Medicine</i> , 2016, 44, 341-341.	0.4	2
71	In-Flight Injuries Involving Children on Commercial Airline Flights. <i>Pediatric Emergency Care</i> , 2016, Publish Ahead of Print, 687-691.	0.5	11
72	Predictors of Complications of Tonsillectomy With or Without Adenoidectomy in Hospitalized Children and Adolescents in the United States, 2001-2010. <i>Clinical Pediatrics</i> , 2016, 55, 593-602.	0.4	35

#	ARTICLE	IF	CITATIONS
73	Validation of a pediatric bedside tool to predict time to death after withdrawal of life support. World Journal of Clinical Pediatrics, 2016, 5, 89.	0.6	8
74	Reply to: Contemporary treatment of children with critical and near-fatal asthma. Revista Brasileira De Terapia Intensiva, 2016, 28, 358-359.	0.1	2
75	346. Critical Care Medicine, 2015, 43, 88.	0.4	0
76	417. Critical Care Medicine, 2015, 43, 106.	0.4	1
77	448. Critical Care Medicine, 2015, 43, 113-114.	0.4	0
78	499. Critical Care Medicine, 2015, 43, 126.	0.4	0
79	785. Critical Care Medicine, 2015, 43, 197-198.	0.4	0
80	883. Critical Care Medicine, 2015, 43, 222.	0.4	0
81	Pediatric Acute Respiratory Distress Syndrome. Pediatric Critical Care Medicine, 2015, 16, 483-484.	0.2	1
82	Progress and perspectives in pediatric acute respiratory distress syndrome. Revista Brasileira De Terapia Intensiva, 2015, 27, 266-73.	0.1	19
83	Prevalence and Predictors of Gastrostomy Tube and Tracheostomy Placement in Anoxic/Hypoxic Ischemic Encephalopathic Survivors of In-Hospital Cardiopulmonary Resuscitation in the United States. PLoS ONE, 2015, 10, e0132612.	1.1	7
84	Implementation of a diuretic stewardship program in a pediatric cardiovascular intensive care unit to reduce medication expenditures. American Journal of Health-System Pharmacy, 2015, 72, 1047-1051.	0.5	6
85	Prevalence, predictors, and outcomes of methicillin-resistant Staphylococcus aureus infections in patients undergoing major surgical procedures in the United States: a population-based study. American Journal of Surgery, 2015, 210, 59-67.	0.9	9
86	Outcomes of Acute Chest Syndrome in Adult Patients with Sickle Cell Disease: Predictors of Mortality. PLoS ONE, 2014, 9, e94387.	1.1	37
87	Safety of Warfarin Dosing in the Intensive Care Unit Following the Fontan Procedure. Congenital Heart Disease, 2014, 9, 361-365.	0.0	7
88	Fatalities Above 30,000 Feet. Pediatric Critical Care Medicine, 2014, 15, e360-e363.	0.2	17
89	1015. Critical Care Medicine, 2014, 42, A1604.	0.4	0
90	1049. Critical Care Medicine, 2014, 42, A1612-A1613.	0.4	0

#	ARTICLE	IF	CITATIONS
91	285. Critical Care Medicine, 2014, 42, A1429.	0.4	0
92	440. Critical Care Medicine, 2014, 42, A1466.	0.4	0
93	400. Critical Care Medicine, 2014, 42, A1456.	0.4	0
94	127. Critical Care Medicine, 2014, 42, A1391.	0.4	0
95	757. Critical Care Medicine, 2014, 42, A1542.	0.4	0
96	Hospital Based Emergency Department Visits Attributed to Child Physical Abuse in United States: Predictors of In-Hospital Mortality. PLoS ONE, 2014, 9, e100110.	1.1	20
97	380. Critical Care Medicine, 2013, 41, A90-A91.	0.4	0
98	623. Critical Care Medicine, 2013, 41, A153.	0.4	0
99	769. Critical Care Medicine, 2013, 41, A191.	0.4	0
100	1085. Critical Care Medicine, 2013, 41, A274.	0.4	0
101	Critical Illness Hyperglycemia in Pediatric Cardiac Surgery. Journal of Diabetes Science and Technology, 2012, 6, 29-36.	1.3	9
102	Three Linked Vasculopathic Processes Characterize Kawasaki Disease: A Light and Transmission Electron Microscopic Study. PLoS ONE, 2012, 7, e38998.	1.1	284
103	A call for full public disclosure for donation after circulatory determination of death in children. Pediatric Critical Care Medicine, 2011, 12, 375-377.	0.2	13
104	High-dose dexmedetomidine sedation for pediatric MRI. Paediatric Anaesthesia, 2011, 21, 153-158.	0.6	75
105	Fulminant pertussis: A multicenter study with new insights into the clinicopathological mechanisms. Pediatric Pulmonology, 2009, 44, 970-980.	1.0	67
106	Impact of Postoperative Hyperglycemia following Surgical Repair of Congenital Cardiac Defects. Pediatric Cardiology, 2008, 29, 628-636.	0.6	64
107	Strict Glycemic Targets Need Not Be So Strict: A More Permissive Glycemic Range for Critically Ill Children. Pediatrics, 2008, 122, e898-e904.	1.0	38
108	Combining lung-protective strategies in experimental acute lung injury: The impact of high-frequency partial liquid ventilation. Pediatric Critical Care Medicine, 2006, 7, 562-570.	0.2	5

#	ARTICLE	IF	CITATIONS
109	Is permissive hypercapnia a beneficial strategy for pediatric acute lung injury?. Respiratory Care Clinics of North America, 2006, 12, 371-87.	0.5	12
110	Low bias flow oscillation with heliox in oleic acid-induced lung injury. Pediatric Critical Care Medicine, 2005, 6, 70-75.	0.2	3
111	Effect of low bias flow oscillation with partial liquid ventilation on fluoroscopic image analysis, gas exchange, and lung injury. Pediatric Critical Care Medicine, 2005, 6, 690-697.	0.2	4
112	Gastric acid and particulate aspiration injury inhibits pulmonary bacterial clearance. Critical Care Medicine, 2004, 32, 747-754.	0.4	64
113	PERFLUBRON (PFOB) ATTENUATES OXIDATIVE DAMAGE TO PLATELETS AND RED BLOOD CELL (RBC) MEMBRANES. Critical Care Medicine, 2004, 32, A13.	0.4	0
114	Perfluorooctyl bromide (perflubron) attenuates oxidative injury to biological and nonbiological systems. Pediatric Critical Care Medicine, 2003, 4, 233-238.	0.2	20
115	Heliox enhances carbon dioxide clearance from lungs of normal rabbits during low bias flow oscillation. Pediatric Critical Care Medicine, 2003, 4, 89-93.	0.2	6
116	Respiratory emergencies in children. Respiratory Care, 2003, 48, 248-58; discussion 258-60.	0.8	41
117	PERFLUORO-CHEMICAL (PFC) ATTENUATION OF OXIDATIVE INJURY IS PROPORTIONAL TO LIPID SOLUBILITY. Critical Care Medicine, 2002, 30, A42.	0.4	0
118	TIMING OF BACTERIAL INOCULATION FOLLOWING ACID ASPIRATION INFLUENCES PULMONARY BACTERIAL CLEARANCE. Critical Care Medicine, 2002, 30, A51.	0.4	1
119	Comparison of lung protective ventilation strategies in a rabbit model of acute lung injury. Critical Care Medicine, 2001, 29, 2176-2184.	0.4	116
120	Partial liquid ventilation with perflubron attenuates in vivo oxidative damage to proteins and lipids. Critical Care Medicine, 2000, 28, 202-208.	0.4	46
121	Lipid peroxidation during initiation of extracorporeal membrane oxygenation after hypoxia in endotoxemic rabbits. Perfusion (United Kingdom), 1999, 14, 49-57.	0.5	15
122	Pathophysiology of Cardiac Extracorporeal Membrane Oxygenation. Artificial Organs, 1999, 23, 966-969.	1.0	48
123	Liquid ventilation attenuates pulmonary oxidative damage. Journal of Critical Care, 1999, 14, 20-28.	1.0	41
124	Partial liquid ventilation influences pulmonary histopathology in an animal model of acute lung injury. Journal of Critical Care, 1999, 14, 84-92.	1.0	66
125	DELAYED MYONECROSIS IN A LEUKEMIC PATIENT WITH INVASIVE GROUP A STREPTOCOCCAL DISEASE. Pediatric Infectious Disease Journal, 1999, 18, 564-567.	1.1	3
126	LIQUID PERFLUBRON (PFOB) DOES NOT SOLUBILIZE MALONDIALDEHYDE (MDA) IN VITRO. Critical Care Medicine, 1999, 27, 133A.	0.4	0



#	ARTICLE	IF	CITATIONS
127	Partial liquid ventilation reduces pulmonary neutrophil accumulation in an experimental model of systemic endotoxemia and acute lung injury. <i>Critical Care Medicine</i> , 1998, 26, 1707-1715.	0.4	108
128	Shock of birth evaluation of neurologic status of term newborn in the first 48 hours of life. <i>Arquivos De Neuro-Psiquiatria</i> , 1996, 54, 361-368.	0.3	3
129	MORAXELLA CATARRHALIS VENTRICULITIS IN A CHILD WITH HYDROCEPHALUS AND AN EXTERNAL VENTRICULAR DRAIN. <i>Pediatric Infectious Disease Journal</i> , 1995, 14, 397.	1.1	9
130	Moraxella catarrhalis Bacteremia and Preseptal Cellulitis. <i>Southern Medical Journal</i> , 1994, 87, 541-542.	0.3	11
131	Refractory Atelectasis and Response to Chest Physiotherapy. <i>Journal of Pediatric Intensive Care</i> , 0, , .	0.4	0