Adrienne G Randolph

List of Publications by Year
in descending order

96 papers	16,049 citations	71102 41 h-index	48315 88 g-index
100 all docs	100 docs citations	100 times ranked	16946 citing authors

#	Article	IF	Citations
1	International pediatric sepsis consensus conference: Definitions for sepsis and organ dysfunction in pediatrics*. Pediatric Critical Care Medicine, 2005, 6, 2-8.	0.5	3,052
2	Guidelines for the Prevention of Intravascular Catheter-related Infections. Clinical Infectious Diseases, 2011, 52, e162-e193.	5.8	2,242
3	Multisystem Inflammatory Syndrome in U.S. Children and Adolescents. New England Journal of Medicine, 2020, 383, 334-346.	27.0	2,006
4	Acute respiratory distress syndrome. Nature Reviews Disease Primers, 2019, 5, 18.	30.5	1,364
5	Anemia, Blood Loss, and Blood Transfusions in North American Children in the Intensive Care Unit. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 26-33.	5.6	760
6	Characteristics and Outcomes of US Children and Adolescents With Multisystem Inflammatory Syndrome in Children (MIS-C) Compared With Severe Acute COVID-19. JAMA - Journal of the American Medical Association, 2021, 325, 1074.	7.4	617
7	Summary of Recommendations: Guidelines for the Prevention of Intravascular Catheter-related Infections. Clinical Infectious Diseases, 2011, 52, 1087-1099.	5.8	407
8	Effect of Mechanical Ventilator Weaning Protocols on Respiratory Outcomes in Infants and Children<SUBTITLE>A Randomized Controlled Trial</SUBTITLE>. JAMA - Journal of the American Medical Association, 2002, 288, 2561.	7.4	340
9	Critical illness from 2009 pandemic influenza A virus and bacterial coinfection in the United States*. Critical Care Medicine, 2012, 40, 1487-1498.	0.9	318
10	Incidence of Multisystem Inflammatory Syndrome in Children Among US Persons Infected With SARS-CoV-2. JAMA Network Open, 2021, 4, e2116420.	5.9	278
11	Neurologic Involvement in Children and Adolescents Hospitalized in the United States for COVID-19 or Multisystem Inflammatory Syndrome. JAMA Neurology, 2021, 78, 536.	9.0	276
12	Multisystem Inflammatory Syndrome in Children â€" Initial Therapy and Outcomes. New England Journal of Medicine, 2021, 385, 23-34.	27.0	273
13	Effectiveness of BNT162b2 (Pfizer-BioNTech) mRNA Vaccination Against Multisystem Inflammatory Syndrome in Children Among Persons Aged 12â€"18 Years â€" United States, Julyâ€"December 2021. Morbidity and Mortality Weekly Report, 2022, 71, 52-58.	15.1	211
14	Management of acute lung injury and acute respiratory distress syndrome in children. Critical Care Medicine, 2009, 37, 2448-2454.	0.9	204
15	Critically Ill Children During the 2009â€"2010 Influenza Pandemic in the United States. Pediatrics, 2011, 128, e1450-e1458.	2.1	203
16	The Feasibility of Conducting Clinical Trials in Infants and Children with Acute Respiratory Failure. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 1334-1340.	5.6	188
17	Fluid balance in critically ill children with acute lung injury*. Critical Care Medicine, 2012, 40, 2883-2889.	0.9	185
18	BNT162b2 Protection against the Omicron Variant in Children and Adolescents. New England Journal of Medicine, 2022, 386, 1899-1909.	27.0	173

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19	SNP-mediated disruption of CTCF binding at the IFITM3 promoter is associated with risk of severe influenza in humans. Nature Medicine, 2017, 23, 975-983.	30.7	172
20	Rate of thrombosis in children and adolescents hospitalized with COVID-19 or MIS-C. Blood, 2021, 138, 190-198.	1.4	154
21	Innate Immune Function and Mortality in Critically Ill Children With Influenza. Critical Care Medicine, 2013, 41, 224-236.	0.9	149
22	Effectiveness of BNT162b2 Vaccine against Critical Covid-19 in Adolescents. New England Journal of Medicine, 2022, 386, 713-723.	27.0	143
23	Effectiveness of Influenza Vaccine Against Life-threatening RT-PCR-confirmed Influenza Illness in US Children, 2010â€“2012. Journal of Infectious Diseases, 2014, 210, 674-683.	4.0	126
24	Maternal Vaccination and Risk of Hospitalization for Covid-19 among Infants. New England Journal of Medicine, 2022, 387, 109-119.	27.0	120
25	Pediatric sepsis. Virulence, 2014, 5, 179-189.	4.4	115
26	Exuberant fibroblast activity compromises lung function via ADAMTS4. Nature, 2020, 587, 466-471.	27.8	108
27	Immunology of SARS-CoV-2 infection in children. Nature Immunology, 2022, 23, 177-185.	14.5	102
28	Risk of Bacterial Infection in Previously Healthy Respiratory Syncytial Virus-Infected Young Children Admitted to the Intensive Care Unit. Pediatric Infectious Disease Journal, 2004, 23, 990-994.	2.0	93
29	Immune dysregulation and multisystem inflammatory syndrome in children (MIS-C) in individuals with haploinsufficiency of SOCS1. Journal of Allergy and Clinical Immunology, 2020, 146, 1194-1200.e1.	2.9	92
30	Mechanisms underlying genetic susceptibility to multisystem inflammatory syndrome in children (MIS-C). Journal of Allergy and Clinical Immunology, 2021, 148, 732-738.e1.	2.9	84
31	Effectiveness of Pfizer-BioNTech mRNA Vaccination Against COVID-19 Hospitalization Among Persons Aged 12â€“18 Years â€” United States, Juneâ€“September 2021. Morbidity and Mortality Weekly Report, 2021, 70, 1483-1488.	15.1	82
32	Sepsis Subclasses: A Framework for Development and Interpretation*. Critical Care Medicine, 2021, 49, 748-759.	0.9	81
33	Management of acute lung injury and acute respiratory distress syndrome in children: A different perspective. Critical Care Medicine, 2009, 37, 3192-3193.	0.9	80
34	The IL12B Gene Is Associated with Asthma. American Journal of Human Genetics, 2004, 75, 709-715.	6.2	79
35	Growth of pediatric intensive care units in the United States from 1995 to 2001. Journal of Pediatrics, 2004, 144, 792-798.	1.8	64
36	Evaluation of IFITM3 rs12252 Association With Severe Pediatric Influenza Infection. Journal of Infectious Diseases, 2017, 216, 14-21.	4.0	58

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37	Surfactant therapy for acute respiratory failure in children: a systematic review and meta-analysis. Critical Care, 2007, 11, R66.	5.8	55
38	Growth and Changing Characteristics of Pediatric Intensive Care 2001â€“2016. Critical Care Medicine, 2019, 47, 1135-1142.	0.9	54
39	Cumulative fluid intake minus output is not associated with ventilator weaning duration or extubation outcomes in children*. Pediatric Critical Care Medicine, 2005, 6, 642-647.	0.5	51
40	Extended Haplotype in the Tumor Necrosis Factor Gene Cluster Is Associated with Asthma and Asthma-related Phenotypes. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 687-692.	5.6	51
41	Recognizing and managing sepsis: what needs to be done?. BMC Medicine, 2015, 13, 98.	5.5	46
42	Cytokine Profiles of Severe Influenza Virus-Related Complications in Children. Frontiers in Immunology, 2017, 8, 1423.	4.8	38
43	Vancomycin Monotherapy May Be Insufficient to Treat Methicillin-resistantStaphylococcus aureusCoinfection in Children With Influenza-related Critical Illness. Clinical Infectious Diseases, 2019, 68, 365-372.	5.8	38
44	Frequency, Characteristics and Complications of COVID-19 in Hospitalized Infants. Pediatric Infectious Disease Journal, 2022, 41, e81-e86.	2.0	38
45	Risk factors for mechanical ventilation in U.S. children hospitalized with seasonal influenza and 2009 pandemic influenza A*. Pediatric Critical Care Medicine, 2012, 13, 625-631.	0.5	36
46	An Update on Multisystem Inflammatory Syndrome in Children Related to SARS-CoV-2. Pediatric Infectious Disease Journal, 2022, 41, e6-e9.	2.0	36
47	Cross-reactive immunity against the SARS-CoV-2 Omicron variant is low in pediatric patients with prior COVID-19 or MIS-C. Nature Communications, 2022, 13, .	12.8	36
48	Randomized clinical trials in pediatric critical care: Rarely done but desperately needed. Pediatric Critical Care Medicine, 2002, 3, 102-106.	0.5	34
49	Reorganizing the delivery of intensive care could improve efficiency and save lives. Journal of Evaluation in Clinical Practice, 2002, 8, 1-8.	1.8	33
50	Inclusion of Children in Clinical Trials of Treatments for Coronavirus Disease 2019 (COVID-19). JAMA Pediatrics, 2020, 174, 825.	6.2	28
51	The unique challenges of enrolling patients into multiple clinical trials. Critical Care Medicine, 2009, 37, S107-S111.	0.9	27
52	A Modular Cytokine Analysis Method Reveals Novel Associations With Clinical Phenotypes and Identifies Sets of Co-signaling Cytokines Across Influenza Natural Infection Cohorts and Healthy Controls. Frontiers in Immunology, 2019, 10, 1338.	4.8	25
53	Vaccine Effectiveness Against Life-Threatening Influenza Illness in US Children. Clinical Infectious Diseases, 2022, 75, 230-238.	5.8	25
54	Data-driven clustering identifies features distinguishing multisystem inflammatory syndrome from acute COVID-19 in children and adolescents. EClinicalMedicine, 2021, 40, 101112.	7.1	23

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55	Measurement of Severe Acute Respiratory Syndrome Coronavirus 2 Antigens in Plasma of Pediatric Patients With Acute Coronavirus Disease 2019 or Multisystem Inflammatory Syndrome in Children Using an Ultrasensitive and Quantitative Immunoassay. Clinical Infectious Diseases, 2022, 75, 1351-1358.	5.8	23
56	Multisystem Inflammatory-like Syndrome in a Child Following COVID-19 mRNA Vaccination. Vaccines, 2022, 10, 43.	4.4	21
57	Health Impairments in Children and Adolescents After Hospitalization for Acute COVID-19 or MIS-C. Pediatrics, 2022, 150, .	2.1	20
58	StaphylococcusaureusÎ±-Toxin Response Distinguishes Respiratory Virusâ€“Methicillin-ResistantS. aureusCoinfection in Children. Journal of Infectious Diseases, 2016, 214, 1638-1646.	4.0	19
59	Antibiotic Prescription in Young Children With Respiratory Syncytial Virusâ€“Associated Respiratory Failure and Associated Outcomes. Pediatric Critical Care Medicine, 2019, 20, 101-109.	0.5	19
60	Pediatric Cardiac Intensive Care Distribution, Service Delivery, and Staffing in the United States in 2018*. Pediatric Critical Care Medicine, 2020, 21, 797-803.	0.5	19
61	RIG-I and TLR4 responses and adverse outcomes in pediatric influenza-related critical illness. Journal of Allergy and Clinical Immunology, 2020, 145, 1673-1680.e11.	2.9	16
62	Severe COVID-19 and Multisystem Inflammatory Syndrome in Children in Children and Adolescents. Critical Care Clinics, 2022, 38, 571-586.	2.6	15
63	Optical genome mapping identifies rare structural variations as predisposition factors associated with severe COVID-19. IScience, 2022, 25, 103760.	4.1	15
64	High Variability in the Reported Management of Hepatic Veno-Occlusive Disease in Children after Hematopoietic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2016, 22, 1823-1828.	2.0	14
65	Machine Learning Predicts Prolonged Acute Hypoxemic Respiratory Failure in Pediatric Severe Influenza. , 2020, 2, e0175.		14
66	Genomeâ€wide association analysis of COVIDâ€19 mortality risk in SARSâ€CoVâ€2 genomes identifies mutation in the SARSâ€CoVâ€2 spike protein that colocalizes with P.1 of the Brazilian strain. Genetic Epidemiology, 2021, 45, 685-693.	1.3	14
67	How are children mechanically ventilated in pediatric intensive care units?. Intensive Care Medicine, 2004, 30, 746-747.	8.2	12
68	Variability in IRBs Regarding Parental Acceptance of Passive Consent. Pediatrics, 2014, 134, e496-e503.	2.1	11
69	Optimizing Virus Identification in Critically Ill Children Suspected of Having an Acute Severe Viral Infection*. Pediatric Critical Care Medicine, 2016, 17, 279-286.	0.5	11
70	Cost Implications of Escalating Intravenous Acetaminophen Use in Children. JAMA Pediatrics, 2019, 173, 489.	6.2	11
71	Candidacy for Extracorporeal Life Support in Children After Hematopoietic Cell Transplantation: A Position Paper From the Pediatric Acute Lung Injury and Sepsis Investigators Networkâ€™s Hematopoietic Cell Transplant and Cancer Immunotherapy Subgroup. Pediatric Critical Care Medicine, 2022, 23, 205-213.	0.5	11
72	Estimated Pao 2: A Continuous and Noninvasive Method to Estimate Pao 2 and Oxygenation Index. , 2021, 3, e0546.		10

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73	Pooled Sequencing of Candidate Genes Implicates Rare Variants in the Development of Asthma Following Severe RSV Bronchiolitis in Infancy. PLoS ONE, 2015, 10, e0142649.	2.5	10
74	Life-Threatening Complications of Influenza vs Coronavirus Disease 2019 (COVID-19) in US Children. Clinical Infectious Diseases, 2023, 76, e280-e290.	5.8	9
75	Incidence and risk factors for postoperative vomiting following atrial septal defect repair in children. Paediatric Anaesthesia, 2016, 26, 644-648.	1.1	8
76	Systemic and Lower Respiratory Tract Immunity to SARS-CoV-2 Omicron and Variants in Pediatric Severe COVID-19 and Mis-C. Vaccines, 2022, 10, 270.	4.4	8
77	A practical approach to evidence-based medicine. Critical Care Clinics, 2003, 19, 515-527.	2.6	7
78	Incorporating Real-time Influenza Detection Into the Test-negative Design for Estimating Influenza Vaccine Effectiveness: The Real-time Test-negative Design (rtTND). Clinical Infectious Diseases, 2021, 72, 1669-1675.	5.8	7
79	Evaluation of Mannose Binding Lectin Gene Variants in Pediatric Influenza Virus-Related Critical Illness. Frontiers in Immunology, 2019, 10, 1005.	4.8	6
80	Modeling the Impacts of Clinical Influenza Testing on Influenza Vaccine Effectiveness Estimates. Journal of Infectious Diseases, 2021, 224, 2035-2042.	4.0	5
81	A Description of COVID-19-Directed Therapy in Children Admitted to US Intensive Care Units 2020. Journal of the Pediatric Infectious Diseases Society, 2022, 11, 191-198.	1.3	5
82	The financial impact of underestimating personnel needs associated with implementing a computerized patient record in the intensive care unit. Journal of Critical Care, 2007, 22, 34-39.	2.2	4
83	Pragmatic trials in critically ill children are CATCHing on. Lancet, The, 2016, 387, 1697-1698.	13.7	4
84	Surfactant protein D is a biomarker of influenzaâ€related pediatric lung injury. Pediatric Pulmonology, 2022, 57, 519-528.	2.0	4
85	Resuscitation Fluid Composition and Acute Kidney Injury in Critical Illness. New England Journal of Medicine, 2022, 386, 888-889.	27.0	4
86	Determinants of red blood cell transfusion in pediatric trauma patients admitted to the intensive care unit. Transfusion, 2017, 57, 187-194.	1.6	3
87	Long-Term Outcomes After Mechanical Ventilation in Children. , 2015, , 1489-1499.		2
88	Why So Few Randomized Trials in Pediatric Critical Care Medicine? Ask the Trialists. Pediatric Critical Care Medicine, 2017, 18, 486-487.	0.5	2
89	Variation in Intravenous Acetaminophen Use in Pediatric Hospitals: Priorities for Standardization. Hospital Pediatrics, 2021, 11, 734-742.	1.3	2
90	Early amplified respiratory bioactive lipid response is associated with worse outcomes in pediatric influenza-related respiratory failure. Open Forum Infectious Diseases, 2020, 7, ofaa122.	0.9	1

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91	75Evidence for Staphylococcus aureus Î±-toxin as a Dominant Antigen in Severe Pediatric Influenza-staphylococcal Co-infection â€" Implications for Therapy. Open Forum Infectious Diseases, 2014, 1, S2-S2.	0.9	0
92	More Consistent Site Institutional Review Board (IRB) Inputâ€"More Consistent Site IRB Output*. Critical Care Medicine, 2014, 42, 1292-1293.	0.9	0
93	The Tremendous Burden of Sepsis on Chinaâ€™s Youngest Children*. Pediatric Critical Care Medicine, 2014, 15, 896-897.	0.5	0
94	Pediatric Pulseless Arrest With â€œNonshockableâ€•Rhythm. JAMA - Journal of the American Medical Association, 2015, 314, 776.	7.4	0
95	Enterovirus D68 Reemerges Globally as a Severe Pathogen Targeting Children*. Pediatric Critical Care Medicine, 2016, 17, 1088-1089.	0.5	0
96	A Biosignature Predicting Complicated Course in Children Presenting with Septic Shock. Why PERSEVERE?. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 411-413.	5.6	0