Adrienne G Randolph

List of Publications by Year
in descending order

96 papers	16,049 citations	81434 41 h-index	54771 88 g-index
100 all docs	100 docs citations	100 times ranked	17827 citing authors

#	Article	IF	Citations
1	Life-Threatening Complications of Influenza vs Coronavirus Disease 2019 (COVID-19) in US Children. Clinical Infectious Diseases, 2023, 76, e280-e290.	2.9	9
2	An Update on Multisystem Inflammatory Syndrome in Children Related to SARS-CoV-2. Pediatric Infectious Disease Journal, 2022, 41, e6-e9.	1.1	36
3	Surfactant protein D is a biomarker of influenzaâ€related pediatric lung injury. Pediatric Pulmonology, 2022, 57, 519-528.	1.0	4
4	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.	0.6	5
5	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.	9.0	211
6	Severe COVID-19 and Multisystem Inflammatory Syndrome in Children in Children and Adolescents. Critical Care Clinics, 2022, 38, 571-586.	1.0	15
7	Vaccine Effectiveness Against Life-Threatening Influenza Illness in US Children. Clinical Infectious Diseases, 2022, 75, 230-238.	2.9	25
8	Effectiveness of BNT162b2 Vaccine against Critical Covid-19 in Adolescents. New England Journal of Medicine, 2022, 386, 713-723.	13.9	143
9	Immunology of SARS-CoV-2 infection in children. Nature Immunology, 2022, 23, 177-185.	7.0	102
10	Optical genome mapping identifies rare structural variations as predisposition factors associated with severe COVID-19. IScience, 2022, 25, 103760.	1.9	15
11	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.	2.1	8
12	Multisystem Inflammatory-like Syndrome in a Child Following COVID-19 mRNA Vaccination. Vaccines, 2022, 10, 43.	2.1	21
13	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.	2.9	23
14	Resuscitation Fluid Composition and Acute Kidney Injury in Critical Illness. New England Journal of Medicine, 2022, 386, 888-889.	13.9	4
15	BNT162b2 Protection against the Omicron Variant in Children and Adolescents. New England Journal of Medicine, 2022, 386, 1899-1909.	13.9	173
16	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.	0.2	11
17	Frequency, Characteristics and Complications of COVID-19 in Hospitalized Infants. Pediatric Infectious Disease Journal, 2022, 41, e81-e86.	1.1	38
18	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, .	5.8	36

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19	Maternal Vaccination and Risk of Hospitalization for Covid-19 among Infants. New England Journal of Medicine, 2022, 387, 109-119.	13.9	120
20	Health Impairments in Children and Adolescents After Hospitalization for Acute COVID-19 or MIS-C. Pediatrics, 2022, 150, .	1.0	20
21	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.	2.9	7
22	Sepsis Subclasses: A Framework for Development and Interpretation*. Critical Care Medicine, 2021, 49, 748-759.	0.4	81
23	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.	3.8	617
24	Rate of thrombosis in children and adolescents hospitalized with COVID-19 or MIS-C. Blood, 2021, 138, 190-198.	0.6	154
25	Modeling the Impacts of Clinical Influenza Testing on Influenza Vaccine Effectiveness Estimates. Journal of Infectious Diseases, 2021, 224, 2035-2042.	1.9	5
26	Neurologic Involvement in Children and Adolescents Hospitalized in the United States for COVID-19 or Multisystem Inflammatory Syndrome. JAMA Neurology, 2021, 78, 536.	4.5	276
27	Variation in Intravenous Acetaminophen Use in Pediatric Hospitals: Priorities for Standardization. Hospital Pediatrics, 2021, 11, 734-742.	0.6	2
28	Incidence of Multisystem Inflammatory Syndrome in Children Among US Persons Infected With SARS-CoV-2. JAMA Network Open, 2021, 4, e2116420.	2.8	278
29	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.	0.6	14
30	Multisystem Inflammatory Syndrome in Children â€" Initial Therapy and Outcomes. New England Journal of Medicine, 2021, 385, 23-34.	13.9	273
31	Estimated Pao 2: A Continuous and Noninvasive Method to Estimate Pao 2 and Oxygenation Index. , 2021, 3, e0546.		10
32	Mechanisms underlying genetic susceptibility to multisystem inflammatory syndrome in children (MIS-C). Journal of Allergy and Clinical Immunology, 2021, 148, 732-738.e1.	1.5	84
33	Data-driven clustering identifies features distinguishing multisystem inflammatory syndrome from acute COVID-19 in children and adolescents. EClinicalMedicine, 2021, 40, 101112.	3.2	23
34	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.	9.0	82
35	Machine Learning Predicts Prolonged Acute Hypoxemic Respiratory Failure in Pediatric Severe Influenza. , 2020, 2, e0175.		14
36	Exuberant fibroblast activity compromises lung function via ADAMTS4. Nature, 2020, 587, 466-471.	13.7	108

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37	Pediatric Cardiac Intensive Care Distribution, Service Delivery, and Staffing in the United States in 2018*. Pediatric Critical Care Medicine, 2020, 21, 797-803.	0.2	19
38	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.	1.5	92
39	Inclusion of Children in Clinical Trials of Treatments for Coronavirus Disease 2019 (COVID-19). JAMA Pediatrics, 2020, 174, 825.	3.3	28
40	Multisystem Inflammatory Syndrome in U.S. Children and Adolescents. New England Journal of Medicine, 2020, 383, 334-346.	13.9	2,006
41	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.	1.5	16
42	Early amplified respiratory bioactive lipid response is associated with worse outcomes in pediatric influenza-related respiratory failure. Open Forum Infectious Diseases, 2020, 7, ofaa122.	0.4	1
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.	2.9	38
44	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.	2.2	25
45	Evaluation of Mannose Binding Lectin Gene Variants in Pediatric Influenza Virus-Related Critical Illness. Frontiers in Immunology, 2019, 10, 1005.	2.2	6
46	Cost Implications of Escalating Intravenous Acetaminophen Use in Children. JAMA Pediatrics, 2019, 173, 489.	3.3	11
47	Acute respiratory distress syndrome. Nature Reviews Disease Primers, 2019, 5, 18.	18.1	1,364
48	Antibiotic Prescription in Young Children With Respiratory Syncytial Virusâ€“Associated Respiratory Failure and Associated Outcomes. Pediatric Critical Care Medicine, 2019, 20, 101-109.	0.2	19
49	Growth and Changing Characteristics of Pediatric Intensive Care 2001â€“2016. Critical Care Medicine, 2019, 47, 1135-1142.	0.4	54
50	Why So Few Randomized Trials in Pediatric Critical Care Medicine? Ask the Trialists. Pediatric Critical Care Medicine, 2017, 18, 486-487.	0.2	2
51	Evaluation of IFITM3 rs12252 Association With Severe Pediatric Influenza Infection. Journal of Infectious Diseases, 2017, 216, 14-21.	1.9	58
52	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.	2.5	0
53	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.	15.2	172
54	Determinants of red blood cell transfusion in pediatric trauma patients admitted to the intensive care unit. Transfusion, 2017, 57, 187-194.	0.8	3

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55	Cytokine Profiles of Severe Influenza Virus-Related Complications in Children. Frontiers in Immunology, 2017, 8, 1423.	2.2	38
56	Pragmatic trials in critically ill children are CATCHing on. Lancet, The, 2016, 387, 1697-1698.	6.3	4
57	Optimizing Virus Identification in Critically Ill Children Suspected of Having an Acute Severe Viral Infection*. Pediatric Critical Care Medicine, 2016, 17, 279-286.	0.2	11
58	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
59	StaphylococcusaureusÎ±-Toxin Response Distinguishes Respiratory Virusâ€“Methicillin-ResistantS. aureusCoinfection in Children. Journal of Infectious Diseases, 2016, 214, 1638-1646.	1.9	19
60	Enterovirus D68 Reemerges Globally as a Severe Pathogen Targeting Children*. Pediatric Critical Care Medicine, 2016, 17, 1088-1089.	0.2	0
61	Incidence and risk factors for postoperative vomiting following atrial septal defect repair in children. Paediatric Anaesthesia, 2016, 26, 644-648.	0.6	8
62	Recognizing and managing sepsis: what needs to be done?. BMC Medicine, 2015, 13, 98.	2.3	46
63	Long-Term Outcomes After Mechanical Ventilation in Children. , 2015, , 1489-1499.		2
64	Pediatric Pulseless Arrest With â€œNonshockableâ€•Rhythm. JAMA - Journal of the American Medical Association, 2015, 314, 776.	3.8	0
65	Pooled Sequencing of Candidate Genes Implicates Rare Variants in the Development of Asthma Following Severe RSV Bronchiolitis in Infancy. PLoS ONE, 2015, 10, e0142649.	1.1	10
66	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.	0.4	0
67	Pediatric sepsis. Virulence, 2014, 5, 179-189.	1.8	115
68	More Consistent Site Institutional Review Board (IRB) Inputâ€“More Consistent Site IRB Output*. Critical Care Medicine, 2014, 42, 1292-1293.	0.4	0
69	The Tremendous Burden of Sepsis on Chinaâ€™s Youngest Children*. Pediatric Critical Care Medicine, 2014, 15, 896-897.	0.2	0
70	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.	1.9	126
71	Variability in IRBs Regarding Parental Acceptance of Passive Consent. Pediatrics, 2014, 134, e496-e503.	1.0	11
72	Innate Immune Function and Mortality in Critically Ill Children With Influenza. Critical Care Medicine, 2013, 41, 224-236.	0.4	149

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73	Critical illness from 2009 pandemic influenza A virus and bacterial coinfection in the United States*. Critical Care Medicine, 2012, 40, 1487-1498.	0.4	318
74	Fluid balance in critically ill children with acute lung injury*. Critical Care Medicine, 2012, 40, 2883-2889.	0.4	185
75	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.	0.2	36
76	Guidelines for the Prevention of Intravascular Catheter-related Infections. Clinical Infectious Diseases, 2011, 52, e162-e193.	2.9	2,242
77	Summary of Recommendations: Guidelines for the Prevention of Intravascular Catheter-related Infections. Clinical Infectious Diseases, 2011, 52, 1087-1099.	2.9	407
78	Critically Ill Children During the 2009â€“2010 Influenza Pandemic in the United States. Pediatrics, 2011, 128, e1450-e1458.	1.0	203
79	Management of acute lung injury and acute respiratory distress syndrome in children: A different perspective. Critical Care Medicine, 2009, 37, 3192-3193.	0.4	80
80	Management of acute lung injury and acute respiratory distress syndrome in children. Critical Care Medicine, 2009, 37, 2448-2454.	0.4	204
81	The unique challenges of enrolling patients into multiple clinical trials. Critical Care Medicine, 2009, 37, S107-S111.	0.4	27
82	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.	2.5	760
83	Surfactant therapy for acute respiratory failure in children: a systematic review and meta-analysis. Critical Care, 2007, 11, R66.	2.5	55
84	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.	1.0	4
85	International pediatric sepsis consensus conference: Definitions for sepsis and organ dysfunction in pediatrics*. Pediatric Critical Care Medicine, 2005, 6, 2-8.	0.2	3,052
86	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.	0.2	51
87	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.	2.5	51
88	How are children mechanically ventilated in pediatric intensive care units?. Intensive Care Medicine, 2004, 30, 746-747.	3.9	12
89	Growth of pediatric intensive care units in the United States from 1995 to 2001. Journal of Pediatrics, 2004, 144, 792-798.	0.9	64
90	The IL12B Gene Is Associated with Asthma. American Journal of Human Genetics, 2004, 75, 709-715.	2.6	79

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91	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.	1.1	93
92	A practical approach to evidence-based medicine. Critical Care Clinics, 2003, 19, 515-527.	1.0	7
93	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.	2.5	188
94	Reorganizing the delivery of intensive care could improve efficiency and save lives. Journal of Evaluation in Clinical Practice, 2002, 8, 1-8.	0.9	33
95	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.	3.8	340
96	Randomized clinical trials in pediatric critical care: Rarely done but desperately needed. Pediatric Critical Care Medicine, 2002, 3, 102-106.	0.2	34