

Mark W Hall

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

4,973
citations

186265

28
h-index

106344

65
g-index

94
all docs

94
docs citations

94
times ranked

6511
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics and Outcomes of Children With Coronavirus Disease 2019 (COVID-19) Infection Admitted to US and Canadian Pediatric Intensive Care Units. <i>JAMA Pediatrics</i> , 2020, 174, 868.	6.2	785
2	Characteristics and Outcomes of US Children and Adolescents With Multisystem Inflammatory Syndrome in Children (MIS-C) Compared With Severe Acute COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1074.	7.4	617
3	Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children. <i>Pediatric Critical Care Medicine</i> , 2020, 21, e52-e106.	0.5	567
4	Surviving sepsis campaign international guidelines for the management of septic shock and sepsis-associated organ dysfunction in children. <i>Intensive Care Medicine</i> , 2020, 46, 10-67.	8.2	331
5	Neurologic Involvement in Children and Adolescents Hospitalized in the United States for COVID-19 or Multisystem Inflammatory Syndrome. <i>JAMA Neurology</i> , 2021, 78, 536.	9.0	276
6	Innate Immune Function and Mortality in Critically Ill Children With Influenza. <i>Critical Care Medicine</i> , 2013, 41, 224-236.	0.9	149
7	Mechanisms of red blood cell transfusion-related immunomodulation. <i>Transfusion</i> , 2018, 58, 804-815.	1.6	144
8	Consensus Recommendations for RBC Transfusion Practice in Critically Ill Children From the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 884-898.	0.5	132
9	Effectiveness of Influenza Vaccine Against Life-threatening RT-PCR-confirmed Influenza Illness in US Children, 2010-2012. <i>Journal of Infectious Diseases</i> , 2014, 210, 674-683.	4.0	126
10	Trajectory of Mortality and Health-Related Quality of Life Morbidity Following Community-Acquired Pediatric Septic Shock*. <i>Critical Care Medicine</i> , 2020, 48, 329-337.	0.9	91
11	A Core Outcome Set for Pediatric Critical Care*. <i>Critical Care Medicine</i> , 2020, 48, 1819-1828.	0.9	86
12	Comparison of monocyte human leukocyte antigen-DR expression and stimulated tumor necrosis factor alpha production as outcome predictors in severe sepsis: a prospective observational study. <i>Critical Care</i> , 2016, 20, 334.	5.8	78
13	Executive summary: surviving sepsis campaign international guidelines for the management of septic shock and sepsis-associated organ dysfunction in children. <i>Intensive Care Medicine</i> , 2020, 46, 1-9.	8.2	70
14	Testing the Prognostic Accuracy of the Updated Pediatric Sepsis Biomarker Risk Model. <i>PLoS ONE</i> , 2014, 9, e86242.	2.5	69
15	Improved Risk Stratification in Pediatric Septic Shock Using Both Protein and mRNA Biomarkers. PERSEVERE-XP. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 494-501.	5.6	65
16	Critical Illness Factors Associated With Long-Term Mortality and Health-Related Quality of Life Morbidity Following Community-Acquired Pediatric Septic Shock*. <i>Critical Care Medicine</i> , 2020, 48, 319-328.	0.9	64
17	Hyperchloremia Is Associated With Complicated Course and Mortality in Pediatric Patients With Septic Shock*. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 155-160.	0.5	60
18	Evaluation of IFITM3 rs12252 Association With Severe Pediatric Influenza Infection. <i>Journal of Infectious Diseases</i> , 2017, 216, 14-21.	4.0	58

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19	A Multicenter Network Assessment of Three Inflammation Phenotypes in Pediatric Sepsis-Induced Multiple Organ Failure. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 1137-1146.	0.5	57
20	Therapeutic Plasma Exchange in Children With Thrombocytopenia-Associated Multiple Organ Failure: The Thrombocytopenia-Associated Multiple Organ Failure Network Prospective Experience. <i>Critical Care Medicine</i> , 2019, 47, e173-e181.	0.9	57
21	Corticosteroids and Pediatric Septic Shock Outcomes: A Risk Stratified Analysis. <i>PLoS ONE</i> , 2014, 9, e112702.	2.5	56
22	Executive Summary: Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 186-195.	0.5	48
23	Endotype Transitions During the Acute Phase of Pediatric Septic Shock Reflect Changing Risk and Treatment Response. <i>Critical Care Medicine</i> , 2018, 46, e242-e249.	0.9	45
24	Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Contemporary Organ Dysfunction Criteria: Executive Summary. <i>Pediatrics</i> , 2022, 149, S1-S12.	2.1	45
25	Immune Immunomodulation in Coronavirus Disease 2019 (COVID-19): Strategic Considerations for Personalized Therapeutic Intervention. <i>Clinical Infectious Diseases</i> , 2022, 74, 144-148.	5.8	42
26	RBC Transfusion Practice in Pediatric Extracorporeal Membrane Oxygenation Support. <i>Critical Care Medicine</i> , 2018, 46, e552-e559.	0.9	40
27	Vancomycin Monotherapy May Be Insufficient to Treat Methicillin-resistant <i>Staphylococcus aureus</i> Coinfection in Children With Influenza-related Critical Illness. <i>Clinical Infectious Diseases</i> , 2019, 68, 365-372.	5.8	38
28	The Temporal Version of the Pediatric Sepsis Biomarker Risk Model. <i>PLoS ONE</i> , 2014, 9, e92121.	2.5	36
29	Red blood cell transfusion and immune function in critically ill children: a prospective observational study. <i>Transfusion</i> , 2015, 55, 766-774.	1.6	29
30	Acute Respiratory Failure in Pediatric Hematopoietic Cell Transplantation: A Multicenter Study*. <i>Critical Care Medicine</i> , 2018, 46, e967-e974.	0.9	28
31	Development of a core outcome set for pediatric critical care outcomes research. <i>Contemporary Clinical Trials</i> , 2020, 91, 105968.	1.8	27
32	Effect of Physiologic Point-of-Care Cardiopulmonary Resuscitation Training on Survival With Favorable Neurologic Outcome in Cardiac Arrest in Pediatric ICUs. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 934.	7.4	26
33	Immunoparalysis in Pediatric Critical Care. <i>Pediatric Clinics of North America</i> , 2017, 64, 1089-1102.	1.8	25
34	Vaccine Effectiveness Against Life-Threatening Influenza Illness in US Children. <i>Clinical Infectious Diseases</i> , 2022, 75, 230-238.	5.8	25
35	Lower respiratory tract infections in children requiring mechanical ventilation: a multicentre prospective surveillance study incorporating airway metagenomics. <i>Lancet Microbe</i> , The, 2022, 3, e284-e293.	7.3	24
36	Data-driven clustering identifies features distinguishing multisystem inflammatory syndrome from acute COVID-19 in children and adolescents. <i>EClinicalMedicine</i> , 2021, 40, 101112.	7.1	23

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37	High-Frequency Oscillatory Ventilation Use and Severe Pediatric ARDS in the Pediatric Hematopoietic Cell Transplant Recipient. <i>Respiratory Care</i> , 2018, 63, 404-411.	1.6	21
38	Biomarkers for Estimating Risk of Hospital Mortality and Long-Term Quality-of-Life Morbidity After Surviving Pediatric Septic Shock: A Secondary Analysis of the Life After Pediatric Sepsis Evaluation Investigation*. <i>Pediatric Critical Care Medicine</i> , 2021, 22, 8-15.	0.5	20
39	<i>Staphylococcus aureus</i> Î±-Toxin Response Distinguishes Respiratory Virusâ€™Methicillin-Resistant <i>S. aureus</i> Coinfection in Children. <i>Journal of Infectious Diseases</i> , 2016, 214, 1638-1646.	4.0	19
40	Improving outcomes after pediatric cardiac arrest â€™ the ICU-Resuscitation Project: study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 213.	1.6	19
41	Recommendations on RBC Transfusions for Critically Ill Children With Nonhemorrhagic Shock From the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. <i>Pediatric Critical Care Medicine</i> , 2018, 19, S121-S126.	0.5	19
42	Trajectories and Risk Factors for Altered Physical and Psychosocial Health-Related Quality of Life After Pediatric Community-Acquired Septic Shock*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 869-878.	0.5	19
43	Abnormal lymphocyte response after pediatric thermal injury is associated with adverse outcomes. <i>Journal of Surgical Research</i> , 2018, 228, 221-227.	1.6	18
44	Viral DNAemia and Immune Suppression in Pediatric Sepsis. <i>Pediatric Critical Care Medicine</i> , 2018, 19, e14-e22.	0.5	18
45	Machine learning derivation of four computable 24-h pediatric sepsis phenotypes to facilitate enrollment in early personalized anti-inflammatory clinical trials. <i>Critical Care</i> , 2022, 26, 128.	5.8	18
46	<i>Acanthamoeba</i> granulomatous amoebic encephalitis after pediatric hematopoietic stem cell transplant. <i>Pediatric Transplantation</i> , 2017, 21, e13060.	1.0	16
47	RIG-I and TLR4 responses and adverse outcomes in pediatric influenza-related critical illness. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1673-1680.e11.	2.9	16
48	Temporal airway microbiome changes related to ventilator-associated pneumonia in children. <i>European Respiratory Journal</i> , 2021, 57, 2001829.	6.7	16
49	The association of immediate post cardiac arrest diastolic hypertension and survival following pediatric cardiac arrest. <i>Resuscitation</i> , 2019, 141, 88-95.	3.0	15
50	Hyperchloremia is associated with acute kidney injury in pediatric patients with septic shock. <i>Intensive Care Medicine</i> , 2018, 44, 2004-2005.	8.2	14
51	Immune Modulation in Pediatric Sepsis. <i>Journal of Pediatric Intensive Care</i> , 2019, 08, 042-050.	0.8	14
52	Development of Persistent Respiratory Morbidity in Previously Healthy Children After Acute Respiratory Failure*. <i>Critical Care Medicine</i> , 2020, 48, 1120-1128.	0.9	14
53	Pediatric Ventilator-Associated Events. <i>Pediatric Critical Care Medicine</i> , 2018, 19, e631-e636.	0.5	13
54	Therapeutic Alliance Between Bereaved Parents and Physicians in the PICU. <i>Pediatric Critical Care Medicine</i> , 2021, 22, e243-e252.	0.5	13

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55	Central nervous system injuryâ€“induced immune suppression. <i>Neurosurgical Focus</i> , 2022, 52, E10.	2.3	12
56	Prospective Testing and Redesign of a Temporal Biomarker Based Risk Model for Patients With Septic Shock: Implications for Septic Shock Biology. <i>EBioMedicine</i> , 2015, 2, 2087-2093.	6.1	11
57	Factors Associated With Functional Impairment After Pediatric Injury. <i>JAMA Surgery</i> , 2021, 156, e212058.	4.3	11
58	Nasopharyngeal Codetection of <i>Haemophilus influenzae</i> and <i>Streptococcus pneumoniae</i> Shapes Respiratory Syncytial Virus Disease Outcomes in Children. <i>Journal of Infectious Diseases</i> , 2022, 225, 912-923.	4.0	11
59	The Functional Immune Response of Patients on Extracorporeal Life Support. <i>ASAIO Journal</i> , 2019, 65, 77-83.	1.6	10
60	Structured Chart Review: Assessment of a Structured Chart Review Methodology. <i>Hospital Pediatrics</i> , 2020, 10, 61-69.	1.3	10
61	Health-Related Quality of Life After Community-Acquired Septic Shock in Children With Preexisting Severe Developmental Disabilities. <i>Pediatric Critical Care Medicine</i> , 2021, 22, e302-e313.	0.5	10
62	Lifetime stressor exposure, systemic inflammation during pregnancy, and preterm birth among Black American women. <i>Brain, Behavior, and Immunity</i> , 2022, 101, 266-274.	4.1	10
63	Life-Threatening Complications of Influenza vs Coronavirus Disease 2019 (COVID-19) in US Children. <i>Clinical Infectious Diseases</i> , 2023, 76, e280-e290.	5.8	9
64	Inhaled Nitric Oxide Use in Pediatric Hypoxemic Respiratory Failure*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 708-719.	0.5	8
65	Shock Severity Modifies Associations Between RBC Transfusion in the First 48 Hours of Sepsis Onset and the Duration of Organ Dysfunction in Critically Ill Septic Children*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, e475-e484.	0.5	8
66	Complicated Grief, Depression and Post-Traumatic Stress Symptoms Among Bereaved Parents following their Childâ€™s Death in the Pediatric Intensive Care Unit: A Follow-Up Study. <i>American Journal of Hospice and Palliative Medicine</i> , 2022, 39, 228-236.	1.4	8
67	Prevalence of Pathogenic and Potentially Pathogenic Inborn Error of Immunity Associated Variants in Children with Severe Sepsis. <i>Journal of Clinical Immunology</i> , 2022, 42, 350-364.	3.8	8
68	Nosocomial Infection Following Severe Traumatic Injury in Children. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 443-450.	0.5	7
69	Measures of Systemic Innate Immune Function Predict the Risk of Nosocomial Infection in Pediatric Burn Patients. <i>Journal of Burn Care and Research</i> , 2021, 42, 488-494.	0.4	7
70	Transcriptomic Profiles in Children With Septic Shock With or Without Immunoparalysis. <i>Frontiers in Immunology</i> , 2021, 12, 733834.	4.8	7
71	Assessment of Patient Health-Related Quality of Life and Functional Outcomes in Pediatric Acute Respiratory Distress Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2022, 23, e319-e328.	0.5	7
72	Evaluation of Mannose Binding Lectin Gene Variants in Pediatric Influenza Virus-Related Critical Illness. <i>Frontiers in Immunology</i> , 2019, 10, 1005.	4.8	6

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73	Hydrocortisone treatment is associated with a longer duration of MODS in pediatric patients with severe sepsis and immunoparalysis. <i>Critical Care</i> , 2020, 24, 545.	5.8	6
74	Risk Factors for Mortality in Pediatric Postsurgical versus Medical Severe Sepsis. <i>Journal of Surgical Research</i> , 2019, 242, 100-110.	1.6	5
75	Factors Associated With Poor Outcome in Pediatric Near-Hanging Injuries. <i>Journal of Emergency Medicine</i> , 2019, 57, 21-28.	0.7	5
76	Improvement in Health-Related Quality of Life After Community Acquired Pediatric Septic Shock. <i>Frontiers in Pediatrics</i> , 2021, 9, 675374.	1.9	5
77	A Description of COVID-19-Directed Therapy in Children Admitted to US Intensive Care Units 2020. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2022, 11, 191-198.	1.3	5
78	Measures of Adaptive Immune Function Predict the Risk of Nosocomial Infection in Pediatric Burn Patients. <i>Journal of Burn Care and Research</i> , 2022, 43, 1416-1425.	0.4	5
79	Sedation with a remifentanil infusion to facilitate rapid awakening and tracheal extubation in an infant with a potentially compromised airway. <i>Journal of Pain Research</i> , 2016, Volume 9, 871-875.	2.0	4
80	Remifentanil for Sedation of Children With Traumatic Brain Injury. <i>Journal of Intensive Care Medicine</i> , 2019, 34, 557-562.	2.8	4
81	Respiratory pathogens associated with intubated pediatric patients following hematopoietic cell transplant. <i>Transplant Infectious Disease</i> , 2020, 22, e13297.	1.7	4
82	Post-Traumatic Growth in Parents following Their Child's Death in a Pediatric Intensive Care Unit. <i>Journal of Palliative Medicine</i> , 2022, 25, 265-273.	1.1	4
83	Outcomes Associated With Early RBC Transfusion in Pediatric Severe Sepsis: A Propensity-Adjusted Multicenter Cohort Study. <i>Shock</i> , 2022, 57, 88-94.	2.1	4
84	Immunologic and Infectious Diseases in Pediatric Cardiac Critical Care. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2015, 6, 575-587.	0.8	3
85	Innate immune suppression after traumatic brain injury and hemorrhage in a juvenile rat model of polytrauma. <i>Journal of Neuroimmunology</i> , 2019, 337, 577073.	2.3	3
86	Immune System Dysfunction Criteria in Critically Ill Children: The PODIUM Consensus Conference. <i>Pediatrics</i> , 2022, 149, S91-S98.	2.1	3
87	Development and Validation of a Model to Predict Growth of Potentially Antibiotic-Resistant Gram-Negative Bacilli in Critically Ill Children With Suspected Infection. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy278.	0.9	2
88	The Association between Therapeutic Alliance and Parental Health Outcomes following a Child's Death in the Pediatric Intensive Care Unit. <i>Journal of Pediatric Intensive Care</i> , 0, , .	0.8	2
89	Immune Function in Critically Ill Septic Children. <i>Pathogens</i> , 2021, 10, 1239.	2.8	2
90	Severe Acute Respiratory Syndrome Coronavirus 2 RNAemia and Clinical Outcomes in Children With Coronavirus Disease 2019. <i>Journal of Infectious Diseases</i> , 2022, 225, 208-213.	4.0	2

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91	Differences in the Genomic Profiles of Immunoparalyzed and Nonimmunoparalyzed Children With Sepsis: A Pilot Study*. <i>Pediatric Critical Care Medicine</i> , 2022, 23, 79-88.	0.5	2
92	Traumatic brain injury and hemorrhage in a juvenile rat model of polytrauma leads to immunosuppression and splenic alterations. <i>Journal of Neuroimmunology</i> , 2021, 361, 577723.	2.3	1
93	Immune Function following Major Spinal Surgery and General Anesthesia. <i>Journal of Pediatric Intensive Care</i> , 2021, 10, 248-255.	0.8	1
94	Adjunctive and novel therapies for sepsis. <i>Journal of Pediatric Intensive Care</i> , 2015, 03, 255-267.	0.8	0