J Dayre Mcnally

List of Publications by Year
in descending order

86 papers	2,698 citations	279487 23 h-index	197535 49 g-index
91 all docs	91 docs citations	91 times ranked	4592 citing authors

#	Article	IF	Citations
1	Acute Myocardial Infarction after Laboratory-Confirmed Influenza Infection. New England Journal of Medicine, 2018, 378, 345-353.	13.9	821
2	Vitamin D deficiency in young children with severe acute lower respiratory infection. Pediatric Pulmonology, 2009, 44, 981-988.	1.0	256
3	The Association of Vitamin D Status With Pediatric Critical Illness. Pediatrics, 2012, 130, 429-436.	1.0	130
4	Trying to identify who may benefit most from future vitamin D intervention trials: a post hoc analysis from the VITDAL-ICU study excluding the early deaths. Critical Care, 2019, 23, 200.	2.5	62
5	Vitamin D deficiency in critically ill children: a systematic review and meta-analysis. Critical Care, 2017, 21, 287.	2.5	58
6	Rapid Normalization of Vitamin D Levels: A Meta-Analysis. Pediatrics, 2015, 135, e152-e166.	1.0	57
7	Decontaminating N95 and SN95 masks with ultraviolet germicidal irradiation does not impair mask efficacy and safety. Journal of Hospital Infection, 2020, 106, 163-175.	1.4	56
8	Vitamin D receptor (VDR) polymorphisms and severe RSV bronchiolitis: A systematic review and meta-analysis. Pediatric Pulmonology, 2014, 49, 790-799.	1.0	55
9	Incidence of Hospitalization for Respiratory Syncytial Virus Infection amongst Children in Ontario, Canada: A Population-Based Study Using Validated Health Administrative Data. PLoS ONE, 2016, 11, e0150416.	1.1	55
10	A Systematic Review and Meta-Analysis on the Effect of Steroids in Pediatric Shock. Pediatric Critical Care Medicine, 2013, 14, 474-480.	0.2	53
11	The health and resource utilization of Canadians with chronic rhinosinusitis. Laryngoscope, 2009, 119, 184-189.	1.1	52
12	Beyond Survival: Pediatric Critical Care Interventional Trial Outcome Measure Preferences of Families and Healthcare Professionals*. Pediatric Critical Care Medicine, 2018, 19, e105-e111.	0.2	50
13	Efficacy of high-dose vitamin D in pediatric asthma: a systematic review and meta-analysis. Journal of Asthma, 2015, 52, 382-390.	0.9	48
14	Impact of Anesthesia and Surgery for Congenital Heart Disease on the Vitamin D Status of Infants and Children. Anesthesiology, 2013, 119, 71-80.	1.3	47
15	Influenza Vaccine Effectiveness Among Patients With Cancer: A Population-Based Study Using Health Administrative and Laboratory Testing Data From Ontario, Canada. Journal of Clinical Oncology, 2019, 37, 2795-2804.	0.8	41
16	A Survey of Stated Physician Practices and Beliefs on the Use of Steroids in Pediatric Fluid and/or Vasoactive Infusion-Dependent Shock*. Pediatric Critical Care Medicine, 2013, 14, 462-466.	0.2	39
17	Understanding vitaminÂD deficiency in intensive care patients. Intensive Care Medicine, 2015, 41, 1961-1964.	3.9	39
18	Identification and characterization of a novel freezingâ€inducible gene, li16, in the wood frog Rana sylvatica. FASEB Journal, 2002, 16, 902-904.	0.2	36

#	Article	IF	Citations
19	A Cohort Study of Pediatric Shock. Shock, 2015, 44, 402-409.	1.0	32
20	Crowdsourcing the Citation Screening Process for Systematic Reviews: Validation Study. Journal of Medical Internet Research, 2019, 21, e12953.	2.1	32
21	Microwave- and heat-based decontamination of N95 filtering facepiece respirators: a systematic review. Journal of Hospital Infection, 2020, 106, 536-553.	1.4	31
22	Can routinely collected laboratory and health administrative data be used to assess influenza vaccine effectiveness? Assessing the validity of the Flu and Other Respiratory Viruses Research (FOREVER) Cohort. Vaccine, 2019, 37, 4392-4400.	1.7	28
23	Efficacy and safety of disinfectants for decontamination of N95 and SN95 filtering facepiece respirators: a systematic review. Journal of Hospital Infection, 2020, 106, 504-521.	1.4	28
24	Vaccine effectiveness against laboratory-confirmed influenza hospitalizations among young children during the 2010-11 to 2013-14 influenza seasons in Ontario, Canada. PLoS ONE, 2017, 12, e0187834.	1.1	27
25	Capillary blood sampling as an alternative to venipuncture in the assessment of serum 25 hydroxyvitamin D levels. Journal of Steroid Biochemistry and Molecular Biology, 2008, 112, 164-168.	1.2	25
26	Family and Child Risk Factors for Early-Life RSV Illness. Pediatrics, 2021, 147, .	1.0	24
27	Upregulation of the Mitochondrial Phosphate Carrier During Freezing in the Wood Frog Rana sylvatica: Potential Roles of Transporters in Freeze Tolerance. Journal of Bioenergetics and Biomembranes, 2004, 36, 229-239.	1.0	23
28	Identifying Significant and Relevant Events During Pediatric Transport. Pediatric Critical Care Medicine, 2014, 15, 653-659.	0.2	22
29	The Relationship Between Vitamin D Status and Adrenal Insufficiency in Critically Ill Children. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E877-E881.	1.8	20
30	A pilot validation study of crowdsourcing systematic reviews: update of a searchable database of pediatric clinical trials of high-dose vitamin D. Translational Pediatrics, 2017, 5, 18-26.	0.5	20
31	Quality control for crowdsourcing citation screening: the importance of assessment number and qualification set size. Journal of Clinical Epidemiology, 2020, 122, 160-162.	2.4	19
32	Determinants of Antibiotic Tailoring in Pediatric Intensive Care. Pediatric Critical Care Medicine, 2017, 18, e395-e405.	0.2	18
33	When not to use meta-analysis: Analysing the meta-analyses on vitamin D in critical care. Clinical Nutrition, 2017, 36, 1729-1730.	2.3	17
34	Prevention of vitamin D deficiency in children following cardiac surgery: study protocol for a randomized controlled trial. Trials, 2015, 16, 402.	0.7	15
35	Comparison of Consent Models in a Randomized Trial of Corticosteroids in Pediatric Septic Shock*. Pediatric Critical Care Medicine, 2017, 18, 1009-1018.	0.2	15
36	The impact of repeated vaccination using 10-year vaccination history on protection against influenza in older adults: a test-negative design study across the 2010/11 to 2015/16 influenza seasons in Ontario, Canada. Eurosurveillance, 2020, 25, .	3.9	15

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37	Vitamin D intake in young children with acute lower respiratory infection. Translational Pediatrics, 2012, 1, 6-14.	0.5	15
38	Routine Medical Emergency Team Assessments of Patients Discharged From the PICU. Pediatric Critical Care Medicine, 2015, 16, 359-365.	0.2	14
39	1,25-Dihydroxyvitamin D Levels in Pediatric Intensive Care Units: Risk Factors and Association With Clinical Course. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2942-2945.	1.8	14
40	Factors Impacting Physician Recommendation for Tracheostomy Placement in Pediatric Prolonged Mechanical Ventilation: A Cross-Sectional Survey on Stated Practice*. Pediatric Critical Care Medicine, 2019, 20, e423-e431.	0.2	14
41	The association between climate, geography and respiratory syncitial virus hospitalizations among children in Ontario, Canada: a population-based study. BMC Infectious Diseases, 2020, 20, 157.	1.3	14
42	Increased Mortality and Length of Stay Associated With Medical Emergency Team Review in Hospitalized Pediatric Patients: A Retrospective Cohort Study*. Pediatric Critical Care Medicine, 2017, 18, 571-579.	0.2	13
43	Vitamin D deficiency in surgical congenital heart disease: prevalence and relevance. Translational Pediatrics, 2013, 2, 99-111.	0.5	13
44	A systematic review of pediatric clinical trials of high dose vitamin D. PeerJ, 2016, 4, e1701.	0.9	13
45	Epidemiologic Considerations in Unexplained Pediatric Arthralgia: The Role of Season, School, and Stress. Journal of Rheumatology, 2009, 36, 427-433.	1.0	12
46	Study protocol for a phase II dose evaluation randomized controlled trial of cholecalciferol in critically ill children with vitamin D deficiency (VITdAL-PICU study). Pilot and Feasibility Studies, 2017, 3, 70.	0.5	12
47	Successful incorporation of single reviewer assessments during systematic review screening: development and validation of sensitivity and work-saved of an algorithm that considers exclusion criteria and count. Systematic Reviews, 2021, 10, 98.	2.5	12
48	Vitamin D as a modifiable risk factor in critical illness: questions and answers provided by observational studies. Jornal De Pediatria, 2014, 90, 99-101.	0.9	11
49	A PICU patient safety checklist: rate of utilization and impact on patient care. International Journal for Quality in Health Care, 2016, 28, 371-375.	0.9	11
50	Characteristics and Outcomes of Young Children Hospitalized With Laboratory-confirmed Influenza or Respiratory Syncytial Virus in Ontario, Canada, 2009â€“2014. Pediatric Infectious Disease Journal, 2019, 38, 362-369.	1.1	11
51	Identification and Evaluation of Controlled Trials in Pediatric Cardiology: Crowdsourced Scoping Review and Creation of Accessible Searchable Database. Canadian Journal of Cardiology, 2020, 36, 1795-1804.	0.8	11
52	International Survey on Determinants of Antibiotic Duration and Discontinuation in Pediatric Critically Ill Patients. Pediatric Critical Care Medicine, 2020, 21, e696-e706.	0.2	10
53	Patient Characteristics and Disposition After Pediatric Medical Emergency Team (MET) Activation: Disposition Depends on Who Activates the Team. Hospital Pediatrics, 2014, 4, 99-105.	0.6	9
54	Health care costs of hospitalization of young children for respiratory syncytial virus infections: a population-based matched cohort study. CMAJ Open, 2021, 9, E948-E956.	1.1	9

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55	Influenza Vaccine Effectiveness Against All-Cause Mortality Following Laboratory-Confirmed Influenza in Older Adults, 2010â€“2011 to 2015â€“2016 Seasons in Ontario, Canada. Clinical Infectious Diseases, 2021, 73, e1191-e1199.	2.9	9
56	Steroids in fluid and/or vasoactive infusion dependent pediatric shock: study protocol for a randomized controlled trial. Trials, 2016, 17, 238.	0.7	8
57	OUP accepted manuscript. Journal of Nutrition, 2021, , .	1.3	8
58	Development of an Optimized Feeding Technology for Dairy Cows. Applied Biochemistry and Biotechnology, 2000, 87, 247-264.	1.4	7
59	Clarification needed for the systematic review of vitamin D trials in the ICU. Intensive Care Medicine, 2017, 43, 595-596.	3.9	7
60	Influenza Vaccine Effectiveness in Preventing Hospitalizations in Older Patients With Chronic Obstructive Pulmonary Disease. Journal of Infectious Diseases, 2020, 221, 42-52.	1.9	7
61	Prevention of post-cardiac surgery vitamin D deficiency in children with congenital heart disease: a pilot feasibility dose evaluation randomized controlled trial. Pilot and Feasibility Studies, 2020, 6, 159.	0.5	7
62	Pediatric Chronic Critical Illness: Protocol for a Scoping Review. JMIR Research Protocols, 2021, 10, e30582.	0.5	6
63	Vitamin D Deficiency in Pediatric Critical Care. Journal of Pediatric Intensive Care, 2016, 05, 142-153.	0.4	5
64	Antimicrobial Stewardship in Bronchiolitis. Pediatric Critical Care Medicine, 2021, Publish Ahead of Print, .	0.2	5
65	Maternal Vitamin D Status and Gestational Weight Gain as Correlates of Neonatal Bone Mass in Healthy Term Breastfed Young Infants from Montreal, Canada. Nutrients, 2021, 13, 4189.	1.7	5
66	A high-throughput platform for the rapid screening of vitamin D status by direct infusion-MS/MS. Journal of Lipid Research, 2022, 63, 100204.	2.0	5
67	Native and Active Vitamin D in Intensive Care: Who and How We Treat Is Crucially Important. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1193-1194.	2.5	4
68	Corticosteroids in Pediatric Septic Shock Are Helpful. Critical Care Medicine, 2018, 46, 635-636.	0.4	4
69	Palivizumabâ€™s real-world effectiveness: a population-based study in Ontario, Canada, 1993â€“2017. Archives of Disease in Childhood, 2021, 106, 173-179.	1.0	4
70	Creating enriched training sets of eligible studies for large systematic reviews: the utility of PubMed's Best Match algorithm. International Journal of Technology Assessment in Health Care, 2021, 37, e7.	0.2	4
71	Vitamin D deficiency in paediatric intensive care units: a global problem and shared opportunity. Paediatrics and International Child Health, 2016, 36, 1-3.	0.3	3
72	Correction of neonatal vitamin D status using 1000 IU vitamin D/d increased lean body mass by 12 months of age compared with 400 IU/d: a randomized controlled trial. American Journal of Clinical Nutrition, 2022, 115, 1612-1625.	2.2	3

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73	Vitamin D deficiency in pediatric critical illness: Time to move on from observational studies?. Revista Chilena De Pediatria, 2016, 87, 439-441.	0.4	2
74	High Rate of Medical Emergency Team Activation in Children with Tracheostomy. Journal of Pediatric Intensive Care, 2020, 09, 027-033.	0.4	2
75	Impact of Anesthesia and Surgery for Congenital Heart Disease on the Vitamin D Status of Infants and Children. Survey of Anesthesiology, 2014, 58, 81-82.	0.1	1
76	Endocrine Issues in Pediatric Critical Illness. Journal of Pediatric Intensive Care, 2016, 05, 139-141.	0.4	1
77	Random serum free cortisol and total cortisol measurements in pediatric septic shock. Journal of Pediatric Endocrinology and Metabolism, 2018, 31, 757-762.	0.4	1
78	Calcitriol trend following pediatric cardiac surgery and association with clinical outcome. Pediatric Research, 2018, 84, 254-260.	1.1	1
79	Evaluating the relationship between citation set size, team size and screening methods used in systematic reviews: a cross-sectional study. BMC Medical Research Methodology, 2021, 21, 142.	1.4	1
80	Maternal excess adiposity and serum 25-hydroxyvitamin Dâ€‰<â€‰50â€‰nmol/L are associated with elevated whole body fat mass in healthy breastfed neonates. BMC Pregnancy and Childbirth, 2022, 22, 83.	0.9	1
81	Bronchiolitis Management and Unnecessary Antibiotic Use Across 3 Canadian PICUs. Hospital Pediatrics, 2022, 12, 369-382.	0.6	1
82	Vitamin D as a modifiable risk factor in critical illness: questions and answers provided by observational studies. Jornal De Pediatria (VersÃ£o Em PortuguÃªs), 2014, 90, 99-101.	0.2	0
83	Development and validation of an algorithm of diagnostic and procedural codes for the identification of children hospitalized with a tracheostomy in Ontario, Canada. Pediatric Pulmonology, 2020, 55, 1503-1511.	1.0	0
84	Insufficient Vitamin D Status at Birth Is Corrected by Vitamin D Supplementation (1000 IU/Day) With Increases in Lean Mass Evident at 12 Months of Age in Healthy Term Infants. Current Developments in Nutrition, 2021, 5, 804.	0.1	0
85	Evaluation of antibiotic treatment decisions in pediatric intensive care units in Saudi Arabia: A national survey. Journal of Infection and Public Health, 2021, 14, 1254-1262.	1.9	0
86	Relationship between Time of Day of Medical Emergency Team Activations and Outcomes of Hospitalized Pediatric Patients. Journal of Pediatric Intensive Care, 0, , .	0.4	0