

Vinay Nadkarni

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

14,860
citations

32410

55
h-index

25983

112
g-index

118
all docs

118
docs citations

118
times ranked

8997
citing authors

#	ARTICLE	IF	CITATIONS
1	Paediatric In-hospital cardiopulmonary resuscitation quality and outcomes in children with CHD during nights and weekends. <i>Cardiology in the Young</i> , 2023, 33, 42-51.	0.4	2
2	Death and Dying in Hospitalized Pediatric Patients: A Prospective Multicenter, Multinational Study. <i>Journal of Palliative Medicine</i> , 2022, 25, 227-233.	0.6	2
3	Intubation practice and outcomes among pediatric emergency departments: A report from National Emergency Airway Registry for Children (NEAR4KIDS). <i>Academic Emergency Medicine</i> , 2022, 29, 406-414.	0.8	13
4	Do paediatric early warning systems reduce mortality and critical deterioration events among children? A systematic review and meta-analysis. <i>Resuscitation Plus</i> , 2022, 11, 100262.	0.6	6
5	Change in Cardiopulmonary Resuscitation Performance Over Time During Simulated Pediatric Cardiac Arrest and the Effect of Just-in-Time Training and Feedback. <i>Pediatric Emergency Care</i> , 2021, 37, 133-137.	0.5	3
6	Longitudinal effect of high frequency training on CPR performance during simulated and actual pediatric cardiac arrest. <i>Resuscitation Plus</i> , 2021, 6, 100117.	0.6	9
7	Sustained Improvement in Tracheal Intubation Safety Across a 15-Center Quality-Improvement Collaborative: An Interventional Study From the National Emergency Airway Registry for Children Investigators*. <i>Critical Care Medicine</i> , 2021, 49, 250-260.	0.4	23
8	Risk factors and outcomes for recurrent paediatric in-hospital cardiac arrest: Retrospective multicenter cohort study. <i>Resuscitation</i> , 2021, 169, 60-66.	1.3	2
9	Contextual Factors Affecting Implementation of In-hospital Pediatric CPR Quality Improvement Interventions in a Resuscitation Collaborative. <i>Pediatric Quality & Safety</i> , 2021, 6, e455.	0.4	1
10	Contextual Factors Affecting Implementation of In-hospital Pediatric CPR Quality Improvement Interventions in a Resuscitation Collaborative. <i>Pediatric Quality & Safety</i> , 2021, 6, e455.	0.4	5
11	Pediatric in-hospital CPR quality at night and on weekends. <i>Resuscitation</i> , 2020, 146, 56-63.	1.3	12
12	Performance of a Clinical Decision Support Tool to Identify PICU Patients at High Risk for Clinical Deterioration*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 129-135.	0.2	20
13	Oxygen Exposure During Cardiopulmonary Resuscitation Is Associated With Cerebral Oxidative Injury in a Randomized, Blinded, Controlled, Preclinical Trial. <i>Journal of the American Heart Association</i> , 2020, 9, e015032.	1.6	18
14	The New Trainee Effect in Tracheal Intubation Procedural Safety Across PICUs in North America: A Report From National Emergency Airway Registry for Children*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 1042-1050.	0.2	13
15	More Than 500 Kids Could Be Saved Each Year! Ten Consensus Actions to Improve Quality of Pediatric Resuscitation in DACH-Countries (Austria, Germany, and Switzerland). <i>Frontiers in Pediatrics</i> , 2020, 8, 549710.	0.9	7
16	Epidemiology of Pediatric Cardiac Arrest. , 2020, , 1-18.		0
17	Paediatric targeted temperature management post cardiac arrest: A systematic review and meta-analysis. <i>Resuscitation</i> , 2019, 139, 65-75.	1.3	18
18	Apneic Oxygenation As a Quality Improvement Intervention in an Academic PICU*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, e531-e537.	0.2	19

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19	Tracheal Intubation Practice and Safety Across International PICUs: A Report From National Emergency Airway Registry for Children*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 1-8.	0.2	61
20	Neonatal Intubation Practice and Outcomes: An International Registry Study. <i>Pediatrics</i> , 2019, 143, .	1.0	156
21	Effect of a Pediatric Early Warning System on All-Cause Mortality in Hospitalized Pediatric Patients. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 1002.	3.8	157
22	Downward Trend in Pediatric Resident Laryngoscopy Participation in PICUs. <i>Pediatric Critical Care Medicine</i> , 2018, 19, e242-e250.	0.2	22
23	ILCOR Scientific Knowledge Gaps and Clinical Research Priorities for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care: A Consensus Statement. <i>Resuscitation</i> , 2018, 127, 132-146.	1.3	53
24	Safety of tracheal intubation in the presence of cardiac disease in paediatric ICUs. <i>Cardiology in the Young</i> , 2018, 28, 928-937.	0.4	16
25	ILCOR Scientific Knowledge Gaps and Clinical Research Priorities for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care: A Consensus Statement. <i>Circulation</i> , 2018, 137, e802-e819.	1.6	57
26	The effect of step stool use and provider height on CPR quality during pediatric cardiac arrest: A simulation-based multicentre study. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 80-88.	0.5	12
27	What works in paediatric CPR?. <i>Intensive Care Medicine</i> , 2018, 44, 223-226.	3.9	1
28	Infant chest compression quality: A video-based comparison of two-thumb versus one-hand technique in the emergency department. <i>Resuscitation</i> , 2018, 122, 36-40.	1.3	18
29	Frequency of Desaturation and Association With Hemodynamic Adverse Events During Tracheal Intubations in PICUs. <i>Pediatric Critical Care Medicine</i> , 2018, 19, e41-e50.	0.2	48
30	Building a Community of Practice for Researchers. <i>Simulation in Healthcare</i> , 2018, 13, S28-S34.	0.7	17
31	Design and Implementation of a Pediatric ICU Acuity Scoring Tool as Clinical Decision Support. <i>Applied Clinical Informatics</i> , 2018, 09, 576-587.	0.8	15
32	Adherence to Pediatric Cardiac Arrest Guidelines Across a Spectrum of Fifty Emergency Departments: A Prospective, In Situ, Simulation-based Study. <i>Academic Emergency Medicine</i> , 2018, 25, 1396-1408.	0.8	30
33	Video performance-debriefings and ventilation-refreshers improve quality of neonatal resuscitation. <i>Resuscitation</i> , 2018, 132, 140-146.	1.3	29
34	Description of hot debriefings after in-hospital cardiac arrests in an international pediatric quality improvement collaborative. <i>Resuscitation</i> , 2018, 128, 181-187.	1.3	49
35	Extracorporeal Cardiopulmonary Resuscitation in the Pediatric Cardiac Population: In Search of a Standard of Care*. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 125-130.	0.2	28
36	Relationship Between Adverse Tracheal Intubation Associated Events and PICU Outcomes*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 310-318.	0.2	68

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37	2015 Revised Utstein-Style Recommended Guidelines for Uniform Reporting of Data From Drowning-Related Resuscitation: An ILCOR Advisory Statement. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017, 10, .	0.9	59
38	2015 revised Utstein-style recommended guidelines for uniform reporting of data from drowning-related resuscitation. <i>Resuscitation</i> , 2017, 118, 147-158.	1.3	54
39	Promoters and Barriers to Implementation of Tracheal Intubation Airway Safety Bundle. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 965-972.	0.2	21
40	Improved Retention of Chest Compression Psychomotor Skills With Brief "Rolling Refresher" Training. <i>Simulation in Healthcare</i> , 2017, 12, 213-219.	0.7	73
41	The International Liaison Committee on Resuscitation "Review of the last 25 years and vision for the future. <i>Resuscitation</i> , 2017, 121, 104-116.	1.3	54
42	Safety Threats During the Care of Infants with Hypoglycemic Seizures in the Emergency Department: A Multicenter, Simulation-Based Prospective Cohort Study. <i>Journal of Emergency Medicine</i> , 2017, 53, 467-474.e7.	0.3	23
43	Extracorporeal Cardiopulmonary Resuscitation (E-CPR) During Pediatric In-Hospital Cardiopulmonary Arrest Is Associated With Improved Survival to Discharge. <i>Circulation</i> , 2016, 133, 165-176.	1.6	179
44	Whole body periodic acceleration (pGz) preserves heart rate variability after cardiac arrest. <i>Resuscitation</i> , 2016, 99, 20-25.	1.3	5
45	Evaluating processes of care and outcomes of children in hospital (EPOCH): study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 245.	0.7	22
46	Factors Associated with Adverse Events during Tracheal Intubation in the NICU. <i>Neonatology</i> , 2015, 108, 23-29.	0.9	83
47	A comparison of video review and feedback device measurement of chest compressions quality during pediatric cardiopulmonary resuscitation. <i>Resuscitation</i> , 2015, 93, 35-39.	1.3	23
48	Cardiopulmonary resuscitation for in-hospital events in the emergency department: A comparison of adult and pediatric outcomes and care processes. <i>Resuscitation</i> , 2015, 92, 94-100.	1.3	30
49	Videographic assessment of cardiopulmonary resuscitation quality in the pediatric emergency department. <i>Resuscitation</i> , 2015, 91, 19-25.	1.3	42
50	Hospital Variation in Survival After Pediatric In-Hospital Cardiac Arrest. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2014, 7, 517-523.	0.9	48
51	The authors reply. <i>Critical Care Medicine</i> , 2014, 42, e808-e809.	0.4	0
52	Designing and Conducting Simulation-Based Research. <i>Pediatrics</i> , 2014, 133, 1091-1101.	1.0	175
53	Board #111 - Research Abstract Improving Cardiopulmonary Resuscitation With a CPR Feedback Device and Refresher Simulations (CPR Cares Study). <i>Simulation in Healthcare</i> , 2014, 9, 402.	0.7	0
54	Level of Trainee and Tracheal Intubation Outcomes. <i>Pediatrics</i> , 2013, 131, e821-e828.	1.0	131

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55	Simulation-Based Procedural Training for Pediatric Residents. <i>Pediatric Critical Care Medicine</i> , 2013, 14, 908-909.	0.2	1
56	Provider Adherence to Neonatal Resuscitation Program Recommendations for Coordinated Neonatal Chest Compressions and Ventilations. <i>Analgesia & Resuscitation: Current Research</i> , 2013, 01, .	0.1	6
57	Variability in Case-mix Adjusted In-hospital Cardiac Arrest Rates. <i>Medical Care</i> , 2012, 50, 124-130.	1.1	42
58	The Emerging Role of Simulation Education to Achieve Patient Safety. <i>Pediatric Clinics of North America</i> , 2012, 59, 1329-1340.	0.9	66
59	“Putting It All Together” to Improve Resuscitation Quality. <i>Emergency Medicine Clinics of North America</i> , 2012, 30, 105-122.	0.5	29
60	Epidemiology of Out-of Hospital Pediatric Cardiac Arrest due to Trauma. <i>Prehospital Emergency Care</i> , 2012, 16, 230-236.	1.0	33
61	Brain Resuscitation in the Drowning Victim. <i>Neurocritical Care</i> , 2012, 17, 441-467.	1.2	67
62	“Booster” training: Evaluation of instructor-led bedside cardiopulmonary resuscitation skill training and automated corrective feedback to improve cardiopulmonary resuscitation compliance of Pediatric Basic Life Support providers during simulated cardiac arrest*. <i>Pediatric Critical Care Medicine</i> , 2011, 12, e116-e121.	0.2	92
63	Incidence of treated cardiac arrest in hospitalized patients in the United States*. <i>Critical Care Medicine</i> , 2011, 39, 2401-2406.	0.4	384
64	Multicenter cohort study of out-of-hospital pediatric cardiac arrest*. <i>Critical Care Medicine</i> , 2011, 39, 141-149.	0.4	201
65	Induction and maintenance of therapeutic hypothermia after pediatric cardiac arrest: Efficacy of a surface cooling protocol*. <i>Pediatric Critical Care Medicine</i> , 2011, 12, e127-e135.	0.2	41
66	Research Regarding Debriefing as Part of the Learning Process. <i>Simulation in Healthcare</i> , 2011, 6, S52-S57.	0.7	232
67	A Multifunctional Online Research Portal for Facilitation of Simulation-Based Research. <i>Simulation in Healthcare</i> , 2011, 6, 239-243.	0.7	21
68	Microcirculatory and therapeutic effects of whole body periodic acceleration (pGz) applied after cardiac arrest in pigs. <i>Resuscitation</i> , 2011, 82, 767-775.	1.3	12
69	The first quantitative report of ventilation rate during in-hospital resuscitation of older children and adolescents. <i>Resuscitation</i> , 2011, 82, 1025-1029.	1.3	57
70	Importance and Implementation of Training in Cardiopulmonary Resuscitation and Automated External Defibrillation in Schools. <i>Circulation</i> , 2011, 123, 691-706.	1.6	223
71	Low-Dose, High-Frequency CPR Training Improves Skill Retention of In-Hospital Pediatric Providers. <i>Pediatrics</i> , 2011, 128, e145-e151.	1.0	210
72	Outcomes After In-Hospital Cardiac Arrest in Children With Cardiac Disease. <i>Circulation</i> , 2011, 124, 2329-2337.	1.6	144

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73	Performance of Cardiopulmonary Resuscitation in Infants and Children. , 2011, , 474-482.		1
74	Glucose variability and survival in critically ill children: Allostasis or harm?*. Pediatric Critical Care Medicine, 2010, 11, 707-712.	0.2	32
75	Does change in thoracic impedance measured via defibrillator electrode pads accurately detect ventilation breaths in children?. Resuscitation, 2010, 81, 1544-1549.	1.3	11
76	Automated External Defibrillators and Survival After In-Hospital Cardiac Arrest. JAMA - Journal of the American Medical Association, 2010, 304, 2129.	3.8	88
77	Post-cardiac arrest syndrome: Epidemiology, pathophysiology, treatment, and prognostication: A Scientific Statement from the International Liaison Committee on Resuscitation; the American Heart Association Emergency Cardiovascular Care Committee; the Council on Cardiovascular Surgery and Anesthesia; the Council on Cardiopulmonary, Perioperative, and Critical Care; the Council on Clinical Cardiology; the Council on Stroke (Part II). International Emergency Nursing, 2010, 18, 8-28.	0.6	78
78	Incorporation of CPR Data into ATD Chest Impact Response Requirements. Annals of Advances in Automotive Medicine, 2010, 54, 79-88.	0.6	7
79	Quantitative Analysis of CPR Quality During In-Hospital Resuscitation of Older Children and Adolescents. Pediatrics, 2009, 124, 494-499.	1.0	157
80	Estimation of Optimal CPR Chest Compression Depth in Children by Using Computer Tomography. Pediatrics, 2009, 124, e69-e74.	1.0	76
81	Effect of mattress deflection on CPR quality assessment for older children and adolescents. Resuscitation, 2009, 80, 540-545.	1.3	92
82	“Rolling Refreshers” A novel approach to maintain CPR psychomotor skill competence. Resuscitation, 2009, 80, 909-912.	1.3	257
83	Pediatric CPR quality monitoring: Analysis of thoracic anthropometric data. Resuscitation, 2009, 80, 1137-1141.	1.3	22
84	Quantitative analysis of chest compression interruptions during in-hospital resuscitation of older children and adolescents. Resuscitation, 2009, 80, 1259-1263.	1.3	80
85	Post-cardiac arrest syndrome: Epidemiology, pathophysiology, treatment, and prognostication: A Scientific Statement from the International Liaison Committee on Resuscitation; the American Heart Association Emergency Cardiovascular Care Committee; the Council on Cardiovascular Surgery and Anesthesia; the Council on Cardiopulmonary, Perioperative, and Critical Care; the Council on Clinical Cardiology; the Council on Stroke (Part I). International Emergency Nursing, 2009, 17, 202-225.	0.6	61
86	A multi-institutional high-fidelity simulation “boot camp”-orientation and training program for first year pediatric critical care fellows*. Pediatric Critical Care Medicine, 2009, 10, 157-162.	0.2	131
87	Neuron-specific enolase and S-100B are associated with neurologic outcome after pediatric cardiac arrest*. Pediatric Critical Care Medicine, 2009, 10, 479-490.	0.2	69
88	Vasopressin for in-hospital pediatric cardiac arrest: Results from the American Heart Association National Registry of Cardiopulmonary Resuscitation*. Pediatric Critical Care Medicine, 2009, 10, 191-195.	0.2	52
89	Multicenter cohort study of in-hospital pediatric cardiac arrest*. Pediatric Critical Care Medicine, 2009, 10, 544-553.	0.2	206
90	In-hospital versus out-of-hospital pediatric cardiac arrest: A multicenter cohort study*. Critical Care Medicine, 2009, 37, 2259-2267.	0.4	221

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91	Post-cardiac arrest syndrome: Epidemiology, pathophysiology, treatment, and prognostication. Resuscitation, 2008, 79, 350-379.	1.3	941
92	Post-Cardiac Arrest Syndrome. Circulation, 2008, 118, 2452-2483.	1.6	1,289
93	Methods for determining pediatric thoracic force-deflection characteristics from cardiopulmonary resuscitation. Stapp Car Crash Journal, 2008, 52, 83-105.	1.1	44
94	Retrospective analysis of the prognostic value of electroencephalography patterns obtained in pediatric in-hospital cardiac arrest survivors during three years*. Pediatric Critical Care Medicine, 2007, 8, 10-17.	0.2	71
95	Does Simulation Improve Patient Safety?: Self-Efficacy, Competence, Operational Performance, and Patient Safety. Anesthesiology Clinics, 2007, 25, 225-236.	0.6	170
96	The voice advisory manikin (VAM): An innovative approach to pediatric lay provider basic life support skill education. Resuscitation, 2007, 75, 161-168.	1.3	57
97	Community Lay Rescuer Automated External Defibrillation Programs. Circulation, 2006, 113, 1260-1270.	1.6	114
98	Reply: The Principle of Multicollinearity. Pediatric Critical Care Medicine, 2005, 6, 94-95.	0.2	3
99	Out-of-Hospital Pediatric Cardiac Arrest: An Epidemiologic Review and Assessment of Current Knowledge. Annals of Emergency Medicine, 2005, 46, 512-522.	0.3	450
100	Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports. Circulation, 2004, 110, 3385-3397.	1.6	1,563
101	Cardiac arrest and cardiopulmonary resuscitation outcome reports: update and simplification of the Utstein templates for resuscitation registries.. Resuscitation, 2004, 63, 233-249.	1.3	714
102	Association of timing, duration, and intensity of hyperglycemia with intensive care unit mortality in critically ill children. Pediatric Critical Care Medicine, 2004, 5, 329-336.	0.2	351
103	Cardiopulmonary resuscitation of adults in the hospital: A report of 14720 cardiac arrests from the National Registry of Cardiopulmonary Resuscitation. Resuscitation, 2003, 58, 297-308.	1.3	1,648
104	A Prospective Investigation Into the Epidemiology of In-Hospital Pediatric Cardiopulmonary Resuscitation Using the International Utstein Reporting Style. Pediatrics, 2002, 109, 200-209.	1.0	334
105	Beneficial effects of vasopressin in prolonged pediatric cardiac arrest: a case series. Resuscitation, 2002, 52, 149-156.	1.3	84
106	An Advisory Statement From the Pediatric Working Group of the International Liaison Committee on Resuscitation. Pediatrics, 1999, 103, e56-e56.	1.0	93
107	ILCOR Advisory Statement: Resuscitation of the Newly Born Infant. Circulation, 1999, 99, 1927-1938.	1.6	99
108	Resuscitation of the newly born infant: an advisory statement from the Pediatric Working Group of the International Liaison Committee on Resuscitation. Resuscitation, 1999, 40, 71-88.	1.3	91

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109	Recommended Guidelines for Reviewing, Reporting, and Conducting Research on In-Hospital Resuscitation: The In-Hospital "Utstein Style". Annals of Emergency Medicine, 1997, 29, 650-679.	0.3	86
110	Recommended guidelines for reviewing, reporting, and conducting research on in-hospital resuscitation: the in-hospital "Utstein style". Resuscitation, 1997, 34, 151-183.	1.3	206
111	Pediatric Resuscitation. Circulation, 1997, 95, 2185-2195.	1.6	52
112	Recommended Guidelines for Reviewing, Reporting, and Conducting Research on In-Hospital Resuscitation: The In-Hospital "Utstein Style". Circulation, 1997, 95, 2213-2239.	1.6	372
113	Recommended Guidelines for Uniform Reporting of Pediatric Advanced Life Support: The Pediatric Utstein Style. Annals of Emergency Medicine, 1995, 26, 487-503.	0.3	47
114	Recommended guidelines for uniform reporting of pediatric advanced life support: The Pediatric Utstein Style. Resuscitation, 1995, 30, 95-115.	1.3	138
115	Recommended Guidelines for Uniform Reporting of Pediatric Advanced Life Support: The Pediatric Utstein Style. Circulation, 1995, 92, 2006-2020.	1.6	134
116	CPR in children. Annals of Emergency Medicine, 1987, 16, 1107-1111.	0.3	174