

Martin H Osmond

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

7,601
citations

94433

37
h-index

53230

85
g-index

96
all docs

96
docs citations

96
times ranked

7009
citing authors

#	ARTICLE	IF	CITATIONS
1	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. <i>Lancet Neurology</i> , The, 2017, 16, 987-1048.	10.2	1,571
2	Epidemiology and Outcomes From Out-of-Hospital Cardiac Arrest in Children. <i>Circulation</i> , 2009, 119, 1484-1491.	1.6	628
3	Clinical Risk Score for Persistent Postconcussion Symptoms Among Children With Acute Concussion in the ED. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1014.	7.4	628
4	Out-of-Hospital Pediatric Cardiac Arrest: An Epidemiologic Review and Assessment of Current Knowledge. <i>Annals of Emergency Medicine</i> , 2005, 46, 512-522.	0.6	450
5	CATCH: a clinical decision rule for the use of computed tomography in children with minor head injury. <i>Cmaj</i> , 2010, 182, 341-348.	2.0	417
6	Association Between Early Participation in Physical Activity Following Acute Concussion and Persistent Postconcussive Symptoms in Children and Adolescents. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 2504.	7.4	250
7	Consensus-Based Recommendations for Standardizing Terminology and Reporting Adverse Events for Emergency Department Procedural Sedation and Analgesia in Children. <i>Annals of Emergency Medicine</i> , 2009, 53, 426-435.e4.	0.6	191
8	Practice Variations in the Treatment of Febrile Infants Among Pediatric Emergency Physicians. <i>Pediatrics</i> , 2009, 124, 439-445.	2.1	177
9	Association of Persistent Postconcussion Symptoms With Pediatric Quality of Life. <i>JAMA Pediatrics</i> , 2016, 170, e162900.	6.2	141
10	Economic comparison of a tissue adhesive and suturing in the repair of pediatric facial lacerations. <i>Journal of Pediatrics</i> , 1995, 126, 892-895.	1.8	138
11	Nebulized Budesonide and Oral Dexamethasone for Treatment of Croup. <i>JAMA - Journal of the American Medical Association</i> , 1998, 279, 1629.	7.4	133
12	Natural Progression of Symptom Change and Recovery From Concussion in a Pediatric Population. <i>JAMA Pediatrics</i> , 2019, 173, e183820.	6.2	130
13	N-2-butylcyanoacrylate: Risk of bacterial contamination with an appraisal of its antimicrobial effects. <i>Journal of Emergency Medicine</i> , 1995, 13, 581-585.	0.7	121
14	A Systematic Review on the Diagnosis of Pediatric Bacterial Pneumonia: When Gold Is Bronze. <i>PLoS ONE</i> , 2010, 5, e11989.	2.5	116
15	Validation of the Ottawa Ankle Rules in Children with Ankle Injuries. <i>Academic Emergency Medicine</i> , 1999, 6, 1005-1009.	1.8	108
16	What Are the Etiology and Epidemiology of Out-of-hospital Pediatric Cardiopulmonary Arrest in Ontario, Canada?. <i>Academic Emergency Medicine</i> , 2006, 13, 653-658.	1.8	102
17	ILCOR Advisory Statement: Resuscitation of the Newly Born Infant. <i>Circulation</i> , 1999, 99, 1927-1938.	1.6	99
18	An Advisory Statement From the Pediatric Working Group of the International Liaison Committee on Resuscitation. <i>Pediatrics</i> , 1999, 103, e56-e56.	2.1	93

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19	Resuscitation of the newly born infant: an advisory statement from the Pediatric Working Group of the International Liaison Committee on Resuscitation. <i>Resuscitation</i> , 1999, 40, 71-88.	3.0	91
20	Understanding the Canadian adult CT head rule trial: use of the theoretical domains framework for process evaluation. <i>Implementation Science</i> , 2013, 8, 25.	6.9	86
21	Life Support Courses: Are They Effective?. <i>Annals of Emergency Medicine</i> , 1996, 28, 690-698.	0.6	84
22	Tissue adhesives for traumatic lacerations in children and adults. <i>The Cochrane Library</i> , 2002, , CD003326.	2.8	71
23	Randomized, Controlled Trial of Inhaled Budesonide as an Adjunct to Oral Prednisone in Acute Asthma. <i>Academic Emergency Medicine</i> , 1998, 5, 209-213.	1.8	70
24	Triage Nurse Initiation of Corticosteroids in Pediatric Asthma Is Associated With Improved Emergency Department Efficiency. <i>Pediatrics</i> , 2012, 129, 671-680.	2.1	68
25	A Randomized, Clinical Trial Comparing Butylcyanoacrylate with Octylcyanoacrylate in the Management of Selected Pediatric Facial Lacerations. <i>Academic Emergency Medicine</i> , 1999, 6, 171-177.	1.8	67
26	Performance of the Canadian Triage and Acuity Scale for Children: A Multicenter Database Study. <i>Annals of Emergency Medicine</i> , 2013, 61, 27-32.e3.	0.6	67
27	Etiology of pediatric out-of-hospital cardiac arrest by coroner's diagnosis. <i>Resuscitation</i> , 2006, 68, 335-342.	3.0	63
28	Time on the scene and interventions are associated with improved survival in pediatric out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2015, 94, 1-7.	3.0	61
29	The Canadian Triage and Acuity Scale for Children: A Prospective Multicenter Evaluation. <i>Annals of Emergency Medicine</i> , 2012, 60, 71-77.e3.	0.6	60
30	Predicting and preventing postconcussive problems in paediatrics (5P) study: protocol for a prospective multicentre clinical prediction rule derivation study in children with concussion. <i>BMJ Open</i> , 2013, 3, e003550.	1.9	54
31	Management and outcomes of pediatric patients transported by emergency medical services in a Canadian prehospital system. <i>Canadian Journal of Emergency Medicine</i> , 2006, 8, 6-12.	1.1	52
32	Tissue Adhesives for Traumatic Lacerations: A Systematic Review of Randomized Controlled Trials. <i>Academic Emergency Medicine</i> , 2003, 10, 110-118.	1.8	50
33	Efficacy of Ipratropium Bromide in Acute Childhood Asthma: A Meta-analysis. <i>Academic Emergency Medicine</i> , 1995, 2, 651-656.	1.8	45
34	Pediatric Emergency Research Networks. <i>Pediatric Emergency Care</i> , 2010, 26, 541-543.	0.9	44
35	Barriers and facilitators to CPR training and performing CPR in an older population most likely to witness cardiac arrest: A national survey. <i>Resuscitation</i> , 2013, 84, 1747-1752.	3.0	42
36	A Systematic Review of Crisis Interventions Used in the Emergency Department. <i>Pediatric Emergency Care</i> , 2010, 26, 952-962.	0.9	41

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37	Evaluation of a Multidisciplinary Pediatric Mock Trauma Code Educational Initiative: A Pilot Study. <i>Journal of Trauma</i> , 2008, 64, 761-767.	2.3	40
38	Pediatric Emergency Research Canada. <i>Pediatric Emergency Care</i> , 2018, 34, 138-144.	0.9	40
39	Barriers and supports to implementation of MDI/spacer use in nine Canadian pediatric emergency departments: a qualitative study. <i>Implementation Science</i> , 2009, 4, 65.	6.9	38
40	A Randomized Controlled Trial of Mist in the Acute Treatment of Moderate Croup. <i>Academic Emergency Medicine</i> , 2002, 9, 873-879.	1.8	35
41	Parental Anxiety at Initial Acute Presentation Is Not Associated With Prolonged Symptoms Following Pediatric Concussion. <i>Academic Emergency Medicine</i> , 2013, 20, 1041-1049.	1.8	34
42	Predictors of severe H1N1 infection in children presenting within Pediatric Emergency Research Networks (PERN): retrospective case-control study. <i>BMJ</i> , The, 2013, 347, f4836-f4836.	6.0	34
43	Epidemiology of Out-of-Hospital Pediatric Cardiac Arrest due to Trauma. <i>Prehospital Emergency Care</i> , 2012, 16, 230-236.	1.8	33
44	Occupational Exposure to Cyclophosphamide in Nurses at a Single Center. <i>Journal of Occupational and Environmental Medicine</i> , 2014, 56, 304-312.	1.7	33
45	Predicting Psychological Distress after Pediatric Concussion. <i>Journal of Neurotrauma</i> , 2019, 36, 679-685.	3.4	30
46	What is the risk of recurrent concussion in children and adolescents aged 5â€“18 years? A systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2021, 55, 663-669.	6.7	28
47	Court Reporters: A Viable Solution for the Challenges of Focus Group Data Collection?. <i>Qualitative Health Research</i> , 2009, 19, 140-146.	2.1	27
48	The current state of mental health services in Canada's paediatric emergency departments. <i>Paediatrics and Child Health</i> , 2013, 18, 81-85.	0.6	27
49	Empirical Derivation and Validation of a Clinical Case Definition for Neuropsychological Impairment in Children and Adolescents. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 596-609.	1.8	27
50	A 4-Year Review of Severe Pediatric Trauma in Eastern Ontario: A Descriptive Analysis. <i>Journal of Trauma</i> , 2002, 52, 8-12.	2.3	26
51	What Are the Characteristics and Outcomes of Nontransported Pediatric Patients?. <i>Prehospital Emergency Care</i> , 2006, 10, 28-34.	1.8	26
52	Scalp Hematoma Characteristics Associated With Intracranial Injury in Pediatric Minor Head Injury. <i>Academic Emergency Medicine</i> , 2016, 23, 576-583.	1.8	26
53	Barriers to Metered-dose Inhaler/spacer Use in Canadian Pediatric Emergency Departments: A National Survey. <i>Academic Emergency Medicine</i> , 2007, 14, 1106-1113.	1.8	26
54	Predicting the need for CT imaging in children with minor head injury using an ensemble of Naive Bayes classifiers. <i>Artificial Intelligence in Medicine</i> , 2012, 54, 163-170.	6.5	25

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55	Examining the sensitivity of an injury surveillance program using population-based estimates. <i>Injury Prevention</i> , 2008, 14, 262-265.	2.4	24
56	Barriers and facilitators to CPR knowledge transfer in an older population most likely to witness cardiac arrest: a theory-informed interview approach. <i>Emergency Medicine Journal</i> , 2014, 31, 700-705.	1.0	24
57	Comparing pre-hospital clinical diagnosis of pediatric out-of-hospital cardiac arrest with etiology by coroner's diagnosis. <i>Resuscitation</i> , 2007, 72, 26-34.	3.0	23
58	Bridging the Gap between Clinical Research and Knowledge Translation in Pediatric Emergency Medicine. <i>Academic Emergency Medicine</i> , 2007, 14, 968-977.	1.8	23
59	A survey of attitudes and factors associated with successful cardiopulmonary resuscitation (CPR) knowledge transfer in an older population most likely to witness cardiac arrest: design and methodology. <i>BMC Emergency Medicine</i> , 2008, 8, 13.	1.9	23
60	Validation and refinement of a clinical decision rule for the use of computed tomography in children with minor head injury in the emergency department. <i>Cmaj</i> , 2018, 190, E816-E822.	2.0	21
61	Barriers to Metered-dose Inhaler/spacer Use in Canadian Pediatric Emergency Departments: A National Survey. <i>Academic Emergency Medicine</i> , 2007, 14, 1106-1113.	1.8	20
62	The Availability and Use of Out-of-Hospital Physiologic Information to Identify High-Risk Injured Children in a Multisite, Population-Based Cohort. <i>Prehospital Emergency Care</i> , 2009, 13, 420-431.	1.8	20
63	Descriptive study of sledding injuries in Canadian children. <i>Injury Prevention</i> , 1999, 5, 198-202.	2.4	19
64	The Efficacy of Nebulized Racemic Epinephrine in Children with Acute Asthma: A Randomized, Double-blind Trial. <i>Academic Emergency Medicine</i> , 2000, 7, 1097-1103.	1.8	19
65	Pediatric wound management. <i>Pediatric Emergency Care</i> , 1999, 15, 137-140.	0.9	18
66	Development of the Capacity Necessary to Perform and Promote Knowledge Translation Research in Emergency Medicine. <i>Academic Emergency Medicine</i> , 2007, 14, 978-983.	1.8	18
67	Derivation and Initial Validation of Clinical Phenotypes of Children Presenting with Concussion Acutely in the Emergency Department: Latent Class Analysis of a Multi-Center, Prospective Cohort, Observational Study. <i>Journal of Neurotrauma</i> , 2019, 36, 1758-1767.	3.4	17
68	Bridging the Gap between Clinical Research and Knowledge Translation in Pediatric Emergency Medicine. <i>Academic Emergency Medicine</i> , 2007, 14, 968-977.	1.8	15
69	School Injury Among Ottawa Area Children: A Population-Based Study. <i>Journal of School Health</i> , 2009, 79, 45-50.	1.6	14
70	Development of the Capacity Necessary to Perform and Promote Knowledge Translation Research in Emergency Medicine. <i>Academic Emergency Medicine</i> , 2007, 14, 978-983.	1.8	14
71	Improving outcomes for ill and injured children in emergency departments: protocol for a program in pediatric emergency medicine and knowledge translation science. <i>Implementation Science</i> , 2009, 4, 60.	6.9	13
72	Reduction of radial-head subluxation in children by triage nurses in the emergency department: a cluster-randomized controlled trial. <i>Cmaj</i> , 2014, 186, E317-E323.	2.0	12

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73	Symptom Burden, School Function, and Physical Activity One Year Following Pediatric Concussion. <i>Journal of Pediatrics</i> , 2021, 228, 190-198.e3.	1.8	10
74	Radial head subluxation: how long do children wait in the emergency department before reduction?. <i>Canadian Journal of Emergency Medicine</i> , 2007, 9, 333-7.	1.1	10
75	Factors Associated with the Successful Recognition of Abnormal Breathing and Cardiac Arrest by Ambulance Communications Officers: A Qualitative Iterative Survey. <i>Prehospital Emergency Care</i> , 2012, 16, 443-450.	1.8	7
76	Factors influencing the intentions of nurses and respiratory therapists to use automated external defibrillators during in-hospital cardiac arrest: a qualitative interview study. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 68-79.	1.1	7
77	Airways in pediatric and newborn resuscitation. <i>Annals of Emergency Medicine</i> , 2001, 37, S126-S136.	0.6	6
78	Nebulizers versus inhalers with spacers for acute asthma in pediatrics. <i>Annals of Emergency Medicine</i> , 2004, 43, 413-415.	0.6	6
79	The current state of mental health services in Canada's paediatric emergency departments. <i>Paediatrics and Child Health</i> , 2013, 18, 81-5.	0.6	6
80	Pragmatic Strategy Empowering Paramedics to Assess Low-Risk Trauma Patients With the Canadian C-Spine Rule and Selectively Transport Them Without Immobilization: Protocol for a Stepped-Wedge Cluster Randomized Trial. <i>JMIR Research Protocols</i> , 2020, 9, e16966.	1.0	5
81	Postresuscitation management. <i>Annals of Emergency Medicine</i> , 2001, 37, S182-S195.	0.6	4
82	Paediatric emergency research in Canada: Using the iterative loop of research as a paradigm for advancing the field. <i>Paediatrics and Child Health</i> , 2004, 9, 395-396.	0.6	4
83	A survey of factors associated with the successful recognition of agonal breathing and cardiac arrest by 9-1-1 call takers: design and methodology. <i>BMC Emergency Medicine</i> , 2009, 9, 14.	1.9	4
84	Association Between Preinjury Symptoms and Postconcussion Symptoms at 4 Weeks in Youth. <i>Journal of Head Trauma Rehabilitation</i> , 2022, 37, E90-E101.	1.7	4
85	CAEP position statement on bystander cardiopulmonary resuscitation. <i>Canadian Journal of Emergency Medicine</i> , 2011, 13, 339-342.	1.1	3
86	Paediatric post-concussive symptoms: symptom clusters and clinical phenotypes. <i>British Journal of Sports Medicine</i> , 2022, 56, 785-791.	6.7	3
87	Head injury decision rules in children. <i>Lancet, The</i> , 2017, 390, 1487.	13.7	2
88	Characteristics of vomiting as a predictor of intracranial injury in pediatric minor head injury. <i>Canadian Journal of Emergency Medicine</i> , 2020, 22, 793-801.	1.1	2
89	Early versus delayed emergency department presentation following mild Traumatic Brain Injury and the presence of symptom at 1, 4 and 12 weeks in children. <i>Emergency Medicine Journal</i> , 2020, 37, 338-343.	1.0	2
90	Wound Repair and Tissue Adhesives. , 0, , 405-412.		2

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91	Commentary on "Holding chambers (spacers) versus nebulisers for beta-agonist treatment of acute asthma". Evidence-Based Child Health: A Cochrane Review Journal, 2006, 1, 1020-1022.	2.0	1
92	Accuracy of physician-estimated probability of brain injury in children with minor head trauma. Canadian Journal of Emergency Medicine, 2015, 17, 387-394.	1.1	1
93	Use of ipratropium for severe asthma. Journal of Pediatrics, 1995, 127, 842.	1.8	0
94	Interventions to improve management and health outcomes for children and adults with asthma who present to the emergency department. The Cochrane Library, 0, , .	2.8	0