Roger Zemek

List of Publications by Year
in descending order

113 papers	3,730 citations	212478 28 h-index	169272 56 g-index
113 all docs	113 docs citations	113 times ranked	3677 citing authors

#	Article	IF	Citations
1	Convergent Validity of Myheartsmap: A Pediatric Psychosocial Health Screening Tool. Child Psychiatry and Human Development, 2023, 54, 66-75.	1.1	3
2	Building Resilience and Attachment in Vulnerable Adolescents (BRAVA): a brief group intervention for adolescents with mildâ€toâ€moderate suicidal ideation and their caregivers. Child and Adolescent Mental Health, 2022, 27, 343-351.	1.8	4
3	Living Guidelines for the Diagnosis and Management of Adult and Pediatric Concussion. Journal of Neurotrauma, 2022, 39, 243-244.	1.7	3
4	Structural connectome differences in pediatric mild traumatic brain and orthopedic injury. Human Brain Mapping, 2022, 43, 1032-1046.	1.9	13
5	Is early activity resumption after paediatric concussion safe and does it reduce symptom burden at 2 weeks post injury? The Pediatric Concussion Assessment of Rest and Exertion (PedCARE) multicentre randomised clinical trial. British Journal of Sports Medicine, 2022, 56, 271-278.	3.1	24
6	Which psychosocial factors are associated with return to sport following concussion? A systematic review. Journal of Sport and Health Science, 2022, 11, 438-449.	3.3	12
7	Cannabis-related emergency department visits by youths and their outcomes in Ontario: a trend analysis. CMAJ Open, 2022, 10, E100-E108.	1.1	4
8	Risk of Mental Health Problems in Children and Youths Following Concussion. JAMA Network Open, 2022, 5, e221235.	2.8	26
9	Paediatric post-concussive symptoms: symptom clusters and clinical phenotypes. British Journal of Sports Medicine, 2022, 56, 785-791.	3.1	3
10	Longitudinal white matter microstructural changes in pediatric mild traumatic brain injury: An <scp>Aâ€CAP</scp> study. Human Brain Mapping, 2022, 43, 3809-3823.	1.9	21
11	Clinical practice guideline recommendations for pediatric injury care: protocol for a systematic review. BMJ Open, 2022, 12, e060054.	0.8	6
12	Efficacy of Melatonin for Sleep Disturbance in Children with Persistent Post-Concussion Symptoms: Secondary Analysis of a Randomized Controlled Trial. Journal of Neurotrauma, 2021, 38, 950-959.	1.7	22
13	What is the risk of recurrent concussion in children and adolescents aged 5â€“18 years? A systematic review and meta-analysis. British Journal of Sports Medicine, 2021, 55, 663-669.	3.1	28
14	Expert Panel Survey to Update the American Congress of Rehabilitation Medicine Definition of Mild Traumatic Brain Injury. Archives of Physical Medicine and Rehabilitation, 2021, 102, 76-86.	0.5	53
15	Symptom Burden, School Function, and Physical Activity One Year Following Pediatric Concussion. Journal of Pediatrics, 2021, 228, 190-198.e3.	0.9	10
16	Patient, parent and educator perspectives on paediatric concussion. Journal of Concussion, 2021, 5, 205970022096953.	0.2	0
17	â€œWhat is the actual goal of the pathway?â€: examining emergency department physician and nurse perspectives on the implementation of a pediatric concussion pathway using the theoretical domains framework. BMC Health Services Research, 2021, 21, 119.	0.9	3
18	Sex-Based Differences in Symptoms With Mouthguard Use After Pediatric Sport-Related Concussion. Journal of Athletic Training, 2021, 56, 1188-1196.	0.9	2

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19	Diagnosing and managing paediatric concussion: Key recommendations for general paediatricians and family doctors. Paediatrics and Child Health, 2021, 26, 402-407.	0.3	6
20	Normative and Psychometric Characteristics of the Health and Behavior Inventory Among Children With Mild Orthopedic Injury Presenting to the Emergency Department: Implications for Assessing Postconcussive Symptoms Using the Child Sport Concussion Assessment Tool 5th Edition (Child) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	29
21	Association of Pharmacological Interventions With Symptom Burden Reduction in Patients With Mild Traumatic Brain Injury. JAMA Neurology, 2021, 78, 596.	4.5	12
22	Management of Pediatric Post-Concussion Headaches: National Survey of Abortive Therapies Used in the Emergency Department. Journal of Neurotrauma, 2021, , .	1.7	1
23	Effect of the COVID-19 Pandemic on Patient Volumes, Acuity, and Outcomes in Pediatric Emergency Departments. Pediatric Emergency Care, 2021, 37, 427-434.	0.5	51
24	Association Between Intravenous Magnesium Therapy in the Emergency Department and Subsequent Hospitalization Among Pediatric Patients With Refractory Acute Asthma. JAMA Network Open, 2021, 4, e2117542.	2.8	9
25	Virtual care in the pediatric emergency department: a new way of doing business?. Canadian Journal of Emergency Medicine, 2021, 23, 80-84.	0.5	38
26	Examining brain white matter after pediatric mild traumatic brain injury using neurite orientation dispersion and density imaging: An A-CAP study. NeuroImage: Clinical, 2021, 32, 102887.	1.4	9
27	Parent-Child Agreement on Postconcussion Symptoms in the Acute Postinjury Period. , 2021, , 61-71.		0
28	Use of Complementary Health Approaches for Acute Complaints Presenting to the Emergency Department. Pediatric Emergency Care, 2020, 36, e378-e382.	0.5	1
29	Paediatric acute lymphadenitis: Emergency department management and clinical course. Paediatrics and Child Health, 2020, 25, 534-542.	0.3	6
30	International Practice Patterns of Antibiotic Therapy and Laboratory Testing in Bronchiolitis. Pediatrics, 2020, 146, e20193684.	1.0	18
31	Postâ€concussion symptom burden in children following motor vehicle collisions. Journal of the American College of Emergency Physicians Open, 2020, 1, 938-946.	0.4	9
32	Effect of Nebulized Magnesium vs Placebo Added to Albuterol on Hospitalization Among Children With Refractory Acute Asthma Treated in the Emergency Department. JAMA - Journal of the American Medical Association, 2020, 324, 2038.	3.8	23
33	Kidsâ€™ Outcomes And Long-term Abilities (KOALA): protocol for a prospective, longitudinal cohort study of mild traumatic brain injury in children 6 months to 6 years of age. BMJ Open, 2020, 10, e040603.	0.8	4
34	Codesigning discharge communication interventions with healthcare providers, youth and parents for emergency practice settings: EDUCATE study protocol. BMJ Open, 2020, 10, e038314.	0.8	7
35	Parent-Child Agreement on Postconcussion Symptoms in the Acute Postinjury Period. Pediatrics, 2020, 146, .	1.0	11
36	Air Pollution and Emergency Department Visits for Mental Disorders among Youth. International Journal of Environmental Research and Public Health, 2020, 17, 4190.	1.2	22

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37	Early versus delayed emergency department presentation following mild Traumatic Brain Injury and the presence of symptom at 1, 4 and 12 weeks in children. Emergency Medicine Journal, 2020, 37, 338-343.	0.4	2
38	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
39	Prognosis for Persistent Post Concussion Symptoms using a Multifaceted Objective Gait and Balance Assessment Approach. Gait and Posture, 2020, 79, 53-59.	0.6	15
40	Balance Markers and Saccadic Eye-Movement Measures in Adolescents With Postconcussion Syndrome. Journal of Athletic Training, 2020, 55, 475-481.	0.9	2
41	Fluid Biomarkers of Pediatric Mild Traumatic Brain Injury: A Systematic Review. Journal of Neurotrauma, 2020, 37, 2029-2044.	1.7	25
42	The HEADS-ED. Pediatric Emergency Care, 2020, 36, 9-15.	0.5	24
43	Biomechanical Comparison of Real World Concussive Impacts in Children, Adolescents, and Adults. Journal of Biomechanical Engineering, 2020, 142, .	0.6	3
44	Association between ondansetron use and symptom persistence in children with concussions: A 5P substudy. Canadian Journal of Emergency Medicine, 2019, 21, 204-210.	0.5	3
45	Pharmacotherapy in bronchiolitis at discharge from emergency departments within the Pediatric Emergency Research Networks: a retrospective analysis. The Lancet Child and Adolescent Health, 2019, 3, 539-547.	2.7	14
46	Changing Rates of Self-Harm and Mental Disorders by Sex in Youths Presenting to Ontario Emergency Departments: Repeated Cross-Sectional Study. Canadian Journal of Psychiatry, 2019, 64, 789-797.	0.9	39
47	Predicting Wellness After Pediatric Concussion. Journal of the International Neuropsychological Society, 2019, 25, 375-389.	1.2	15
48	Practice Patterns in Pharmacological and Non-Pharmacological Therapies for Children with Mild Traumatic Brain Injury: A Survey of 15 Canadian and United States Centers. Journal of Neurotrauma, 2019, 36, 2886-2894.	1.7	14
49	Discharge communication practices in pediatric emergency care: a systematic review and narrative synthesis. Systematic Reviews, 2019, 8, 83.	2.5	28
50	41â€...Validation of crowdsourcing for citation screening in systematic reviews. , 2019, , .		1
51	Health outcomes associated with emergency department visits by adolescents for self-harm: a propensity-matched cohort study. Cmaj, 2019, 191, E1207-E1216.	0.9	17
52	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. Journal of Neurotrauma, 2019, 36, 1758-1767.	1.7	17
53	Genetic determinants of acute asthma therapy response in children with moderateâ€toâ€severe asthma exacerbations. Pediatric Pulmonology, 2019, 54, 378-385.	1.0	12
54	Predicting Psychological Distress after Pediatric Concussion. Journal of Neurotrauma, 2019, 36, 679-685.	1.7	30

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55	Self-Inflicted Injury-Canadian Hospitals Injury Reporting and Prevention Program (CHIRPP-SI): a new surveillance tool for detecting self-inflicted injury events in emergency departments. Canadian Journal of Public Health, 2019, 110, 244-252.	1.1	5
56	Sensitivity, specificity, and reliability of the Get Active Questionnaire for identifying children with medically necessary special considerations for physical activity. Applied Physiology, Nutrition and Metabolism, 2019, 44, 736-743.	0.9	1
57	Multicentre, randomised clinical trial of paediatric concussion assessment of rest and exertion (PedCARE): a study to determine when to resume physical activities following concussion in children. British Journal of Sports Medicine, 2019, 53, 195-195.	3.1	21
58	Crowdsourcing the Citation Screening Process for Systematic Reviews: Validation Study. Journal of Medical Internet Research, 2019, 21, e12953.	2.1	32
59	Family Factors and Repeat Pediatric Emergency Department Visits for Mental Health: A Retrospective Cohort Study. Journal of the Canadian Academy of Child and Adolescent Psychiatry, 2019, 28, 9-20.	0.7	5
60	No association between metoclopramide treatment in ED and reduced risk of post-concussion headache. American Journal of Emergency Medicine, 2018, 36, 2225-2231.	0.7	10
61	Use and perceived effectiveness of complementary health approaches in children. Paediatrics and Child Health, 2018, 23, 12-19.	0.3	3
62	Pediatric Emergency Research Canada. Pediatric Emergency Care, 2018, 34, 138-144.	0.5	40
63	National Institute of Neurological Disorders and Stroke and Department of Defense Sport-Related Concussion Common Data Elements Version 1.0 Recommendations. Journal of Neurotrauma, 2018, 35, 2776-2783.	1.7	79
64	The Diagnosis of Concussion in Pediatric Emergency Departments: AÂProspective Multicenter Study. Journal of Emergency Medicine, 2018, 54, 757-765.	0.3	8
65	Derivation, Evaluation, and Validation of Illustrations of Key Counselling Points for a Pediatric Eczema Action Plan. Journal of Cutaneous Medicine and Surgery, 2018, 22, 147-153.	0.6	3
66	Patient engagement in pediatric concussion research. Cmaj, 2018, 190, S28-S30.	0.9	4
67	Identifying Persistent Postconcussion Symptom Risk in a Pediatric Sports Medicine Clinic. American Journal of Sports Medicine, 2018, 46, 3254-3261.	1.9	55
68	Usability, Satisfaction, and Usefulness of an Illustrated Eczema Action Plan. Journal of Cutaneous Medicine and Surgery, 2018, 22, 577-582.	0.6	7
69	The Canadian Pediatric Mild Traumatic Brain Injury Common Data Elements Project: Harmonizing Outcomes to Increase Understanding of Pediatric Concussion. Journal of Neurotrauma, 2018, 35, 1849-1857.	1.7	7
70	Predicting Escalated Care in Infants With Bronchiolitis. Pediatrics, 2018, 142, .	1.0	37
71	Respiratory Viruses and Treatment Failure in Children With Asthma Exacerbation. Pediatrics, 2018, 142, .	1.0	42
72	Predictors of neuropsychological outcome after pediatric concussion.. Neuropsychology, 2018, 32, 495-508.	1.0	28

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73	A comparison in a youth population between those with and without a history of concussion using biomechanical reconstruction. Journal of Neurosurgery: Pediatrics, 2017, 19, 502-510.	0.8	11
74	Child and Adolescent Mental Health Repeat Visits to the Emergency Department: A Systematic Review. Hospital Pediatrics, 2017, 7, 177-186.	0.6	41
75	Nurse-Driven Clinical Pathway for Inpatient Asthma: A Randomized Controlled Trial. Hospital Pediatrics, 2017, 7, 204-213.	0.6	16
76	Self-reported balance status is not a reliable indicator of balance performance in adolescents at one-month post-concussion. Journal of Science and Medicine in Sport, 2017, 20, 970-975.	0.6	15
77	Balance Markers in Adolescents at 1 Month Postconcussion. Orthopaedic Journal of Sports Medicine, 2017, 5, 232596711769550.	0.8	20
78	What is the difference in concussion management in children as compared with adults? A systematic review. British Journal of Sports Medicine, 2017, 51, 949-957.	3.1	316
79	What is the physiological time to recovery after concussion? A systematic review. British Journal of Sports Medicine, 2017, 51, 935-940.	3.1	281
80	Pediatric concussion: biomechanical differences between outcomes of transient and persistent (> 4) Tj ETQq0 0 0 rgBT /Overlock 10	0.8	18
81	A nurse-initiated jaundice management protocol improves quality of care in the paediatric emergency department. Paediatrics and Child Health, 2017, 22, 259-263.	0.3	3
82	Family Perspectives on Visiting the Pediatric Emergency Department for Migraine. Pediatric Emergency Care, 2017, Publish Ahead of Print, e310-e317.	0.5	2
83	Advancing Concussion Assessment in Pediatrics (A-CAP): a prospective, concurrent cohort, longitudinal study of mild traumatic brain injury in children: protocol study. BMJ Open, 2017, 7, e017012.	0.8	54
84	Practice Variation in Acute Bronchiolitis: A Pediatric Emergency Research Networks Study. Pediatrics, 2017, 140, .	1.0	74
85	Understanding discharge communication behaviours in a pediatric emergency care context: a mixed methods observation study protocol. BMC Health Services Research, 2017, 17, 276.	0.9	11
86	Bridging the gap in paediatric concussion management. Paediatrics and Child Health, 2016, 21, 6-8.	0.3	3
87	The Effectiveness of Written Action Plans in Atopic Dermatitis. Pediatric Dermatology, 2016, 33, e151-3.	0.5	25
88	Association Between Early Participation in Physical Activity Following Acute Concussion and Persistent Postconcussive Symptoms in Children and Adolescents. JAMA - Journal of the American Medical Association, 2016, 316, 2504.	3.8	250
89	Performance of Children and Adult Alpine Helmets under Characteristic Falling Conditions. Procedia Engineering, 2016, 147, 578-583.	1.2	3
90	REDCap: a pediatric ED experience. American Journal of Emergency Medicine, 2016, 34, 2048-2049.	0.7	2

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91	Factors associated with failure of emergency department management in children with acute moderate or severe asthma: a prospective, multicentre, cohort study. Lancet Respiratory Medicine,the, 2016, 4, 990-998.	5.2	38
92	Magnesium nebulization utilization in management of pediatric asthma (MagNUM PA) trial: study protocol for a randomized controlled trial. Trials, 2016, 17, 261.	0.7	12
93	Clinical Risk Score for Persistent Postconcussion Symptoms Among Children With Acute Concussion in the ED. JAMA - Journal of the American Medical Association, 2016, 315, 1014.	3.8	628
94	Empirical Derivation and Validation of a Clinical Case Definition for Neuropsychological Impairment in Children and Adolescents. Journal of the International Neuropsychological Society, 2015, 21, 596-609.	1.2	27
95	Design and validation of pictograms in a pediatric anaphylaxis action plan. Pediatric Allergy and Immunology, 2015, 26, 223-233.	1.1	24
96	Understanding Low-Acuity Visits to the Pediatric Emergency Department. PLoS ONE, 2015, 10, e0128927.	1.1	45
97	Variation of community consultation and public disclosure for a pediatric multi-centered â€œException from Informed Consentâ€•trial. Clinical Trials, 2015, 12, 67-76.	0.7	13
98	A 15-year-old rugby player with a head injury. Cmaj, 2015, 187, 200-202.	0.9	1
99	Canadian pediatric emergency physician knowledge of concussion diagnosis and initial management. Canadian Journal of Emergency Medicine, 2015, 17, 115-122.	0.5	38
100	The Diagnosis of Concussion in a Pediatric Emergency Department. Journal of Pediatrics, 2015, 166, 1214-1220.e1.	0.9	40
101	Lorazepam vs Diazepam for Pediatric Status Epilepticus. JAMA - Journal of the American Medical Association, 2014, 311, 1652.	3.8	143
102	PRAM Score as Predictor of Pediatric Asthma Hospitalization. Academic Emergency Medicine, 2014, 21, 872-878.	0.8	41
103	Knowledge of paediatric concussion among front-line primary care providers. Paediatrics and Child Health, 2014, 19, 475-480.	0.3	51
104	Pediatric concussion guidelines. Canadian Family Physician, 2014, 60, 890-2.	0.1	2
105	Parental Anxiety at Initial Acute Presentation Is Not Associated With Prolonged Symptoms Following Pediatric Concussion. Academic Emergency Medicine, 2013, 20, 1041-1049.	0.8	34
106	Predicting and preventing postconcussive problems in paediatrics (5P) study: protocol for a prospective multicentre clinical prediction rule derivation study in children with concussion. BMJ Open, 2013, 3, e003550.	0.8	54
107	The HEADS-ED: A Rapid Mental Health Screening Tool for Pediatric Patients in the Emergency Department. Pediatrics, 2012, 130, e321-e327.	1.0	68
108	Triage Nurse Initiation of Corticosteroids in Pediatric Asthma Is Associated With Improved Emergency Department Efficiency. Pediatrics, 2012, 129, 671-680.	1.0	68

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109	Magnesium Use in Asthma Pharmacotherapy: A Pediatric Emergency Research Canada Study. Pediatrics, 2012, 129, 852-859.	1.0	14
110	Physician Management of Pediatric Mental Health Patients in the Emergency Department. Pediatric Emergency Care, 2012, 28, 835-841.	0.5	18
111	Practice Patterns in Asthma Discharge Pharmacotherapy in Pediatric Emergency Departments: A Pediatric Emergency Research Canada Study. Academic Emergency Medicine, 2012, 19, E1019-26.	0.8	6
112	Air Pollution and Emergency Department Visits for Otitis Media: A Case-Crossover Study in Edmonton, Canada. Environmental Health Perspectives, 2010, 118, 1631-1636.	2.8	47
113	Two for One: A Self-Management Plan Coupled with a Prescription Sheet for Children with Asthma. Canadian Respiratory Journal, 2008, 15, 347-354.	0.8	13