Carol DeMatteo

List of Publications by Year in Descending Order

60 papers	2,490 citations	21 h-index	49 g-index
60 ext. papers	3,172 ext. citations	3.2 avg, IF	4.37 L-index

#	Paper	IF	Citations
60	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*, **2021**,	10.3	4
59	Localization and Identification of Brain Microstructural Abnormalities in Paediatric Concussion. *Frontiers in Human Neuroscience*, **2021**, 15, 657374	3.3	1
58	Examining how time from sport-related concussion to initial assessment predicts return-to-play clearance. *Physician and Sportsmedicine*, **2021**, 1-9	2.4	1
57	Sensitivity and Specificity of a Multimodal Approach for Concussion Assessment in Youth Athletes. *Journal of Sport Rehabilitation*, **2021**, 30, 850-859	1.7	1
56	Neurophysiological markers of cognitive deficits and recovery in concussed adolescents. *Brain Research*, **2020**, 1746, 146998	3.7	2
55	Post-concussive depression: evaluating depressive symptoms following concussion in adolescents and its effects on executive function. *Brain Injury*, **2020**, 34, 520-527	2.1	3
54	A Review of MRI and Exercise Treatment for Improved Concussion Diagnosis and Recovery. *Critical Reviews in Biomedical Engineering*, **2020**, 48, 261-283	1.1	1
53	Effectiveness of return to activity and return to school protocols for children postconcussion: a systematic review. *BMJ Open Sport and Exercise Medicine*, **2020**, 6, e000667	3.4	7
52	Concussion Management for Children Has Changed: New Pediatric Protocols Using the Latest Evidence. *Clinical Pediatrics*, **2020**, 59, 5-20	1.2	5
51	Neurophysiological Correlates of Concussion: Deep Learning for Clinical Assessment. *Scientific Reports*, **2019**, 9, 17341	4.9	11
50	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	5.4	8
49	The use of an intensive physical exertion test as a final return to play measure in concussed athletes: a prospective cohort. *Physician and Sportsmedicine*, **2019**, 47, 158-166	2.4	9
48	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	10.3	10
47	Motivation in rehabilitation and acquired brain injury: can theory help us understand it?. *Disability and Rehabilitation*, **2019**, 41, 2343-2349	2.4	14
46	An Emotional Go/No-Go fMRI study in adolescents with depressive symptoms following concussion. *International Journal of Psychophysiology*, **2018**, 132, 62-73	2.9	7
45	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	5.4	4
44	Psychometric properties of measures of motivation and engagement after acquired brain injury. *Rehabilitation Psychology*, **2018**, 63, 92-103	2.7	5

43	Measuring Participation of Children and Environmental Factors at Home, School, and in Community: Construct Validation of the Korean PEM-CY. *Physical and Occupational Therapy in Pediatrics*, **2017**, 37, 541-554	2.1	15
42	Depression in youth recovering from concussion: Correlates and predictors. *Brain Injury*, **2017**, 31, 631-638	2.1	28
41	Physical Rehabilitation in Minor Traumatic Injury or Concussion. *Indian Journal of Neurotrauma*, **2017**, 14, 056-058	0.1	
40	Exploring Accelerometer Versus Self-Report Sleep Assessment in Youth With Concussion. *Global Pediatric Health*, **2017**, 4, 2333794X17745973	1.2	12
39	Fractal Analysis of Brain Blood Oxygenation Level Dependent (BOLD) Signals from Children with Mild Traumatic Brain Injury (mTBI). *PLoS ONE*, **2017**, 12, e0169647	3.7	9
38	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. *Lancet Neurology, The*, **2017**, 16, 987-1048	24.1	851
37	Annual and Seasonal Trends in Ambulatory Visits for Pediatric Concussion in Ontario between 2003 and 2013. *Journal of Pediatrics*, **2017**, 181, 222-228.e2	3.6	70
36	The use of ibuprofen and acetaminophen for acute headache in the postconcussive youth: A pilot study. *Paediatrics and Child Health*, **2017**, 22, 2-6	0.7	11
35	Knowledge Translation from Research to Clinical Practice: Measuring Participation of Children with Disabilities. *Occupational Therapy in Health Care*, **2016**, 30, 323-343	1.3	2
34	Clinical Risk Score for Persistent Postconcussion Symptoms Among Children With Acute Concussion in the ED. *JAMA - Journal of the American Medical Association*, **2016**, 315, 1014-25	27.4	424
33	The role of occupational therapists in the contexts of a natural disaster: a scoping review. *Disability and Rehabilitation*, **2016**, 38, 1620-31	2.4	9
32	Cross-cultural validation and psychometric evaluation of the Participation and Environment Measure for Children and Youth in Korea. *Disability and Rehabilitation*, **2016**, 38, 2217-28	2.4	14
31	A Balanced Protocol for Return to School for Children and Youth Following Concussive Injury. *Clinical Pediatrics*, **2015**, 54, 783-92	1.2	53
30	Post-concussion return to play and return to school guidelines for children and youth: a scoping methodology. *Disability and Rehabilitation*, **2015**, 37, 1107-12	2.4	22
29	"Popeye muscle" morphology in OBPI elbow flexion contracture. *Journal of Plastic Surgery and Hand Surgery*, **2015**, 49, 327-32	1.5	2
28	Canadian pediatric emergency physician knowledge of concussion diagnosis and initial management. *Canadian Journal of Emergency Medicine*, **2015**, 17, 115-22	0.6	30
27	Development of a conservative protocol to return children and youth to activity following concussive injury. *Clinical Pediatrics*, **2015**, 54, 152-63	1.2	24
26	Exertion Testing in Youth with Mild Traumatic Brain Injury/Concussion. *Medicine and Science in Sports and Exercise*, **2015**, 47, 2283-90	1.2	30

25	Management of persistent postconcussion symptoms in youth: a randomised control trial protocol. *BMJ Open*, **2015**, 5, e008468	3	11
24	Clinical assessment of the infant and child following perinatal brachial plexus injury. *Journal of Hand Therapy*, **2015**, 28, 126-33; quiz 134	1.6	16
23	Knowledge of paediatric concussion among front-line primary care providers. *Paediatrics and Child Health*, **2014**, 19, 475-80	0.7	36
22	Wondering and waiting after obstetrical brachial plexus injury: Are we underestimating the effects of the traumatic experience on the families?. *Plastic Surgery*, **2014**, 22, 183-187	0.8	4
21	Evaluating the Nintendo Wii for assessing return to activity readiness in youth with mild traumatic brain injury. *Physical and Occupational Therapy in Pediatrics*, **2014**, 34, 229-44	2.1	7
20	'Wondering and waiting' after obstetrical brachial plexus injury: Are we underestimating the effects of the traumatic experience on the families?. *Plastic Surgery*, **2014**, 22, 183-7	0.8	3
19	The motor learning strategy instrument: interrater reliability within usual and virtual reality physical therapy interventions. *Pediatric Physical Therapy*, **2013**, 25, 53-60	0.9	7
18	Predictors of change in participation rates following acquired brain injury: results of a longitudinal study. *Developmental Medicine and Child Neurology*, **2012**, 54, 339-46	3.3	43
17	Limb length differences after obstetrical brachial plexus injury: a growing concern. *Plastic and Reconstructive Surgery*, **2012**, 130, 558e-571e	2.7	21
16	Participation outcomes for children with acquired brain injury: a narrative review. *Brain Injury*, **2011**, 25, 1279-87	2.1	52
15	Participation patterns of children with acquired brain injury. *Brain Injury*, **2011**, 25, 587-95	2.1	53
14	Documenting the content of physical therapy for children with acquired brain injury: development and validation of the motor learning strategy rating instrument. *Physical Therapy*, **2011**, 91, 689-99	3.3	26
13	Exploring the use of cognitive intervention for children with acquired brain injury. *Physical and Occupational Therapy in Pediatrics*, **2010**, 30, 205-19	2.1	34
12	Navigating the gray zone: a guideline for surgical decision making in obstetrical brachial plexus injuries. *Journal of Neurosurgery: Pediatrics*, **2009**, 3, 173-80	2.1	37
11	Bridging the gap between theory and practice: dynamic systems theory as a framework for understanding and promoting recovery of function in children and youth with acquired brain injuries. *Physiotherapy Theory and Practice*, **2009**, 25, 544-54	1.5	10
10	Comparison of clinical and videofluoroscopic evaluation of children with feeding and swallowing difficulties. *Developmental Medicine and Child Neurology*, **2007**, 47, 149-157	3.3	4
9	Botulinum toxin as an adjunct to motor learning therapy and surgery for obstetrical brachial plexus injury. *Developmental Medicine and Child Neurology*, **2006**, 48, 245-52	3.3	38
8	Effective rehabilitation for children and adolescents with brain injury: evaluating and disseminating the evidence. *Archives of Physical Medicine and Rehabilitation*, **2005**, 86, 924-31	2.8	14

7	Comparison of clinical and videofluoroscopic evaluation of children with feeding and swallowing difficulties. *Developmental Medicine and Child Neurology*, **2005**, 47, 149-57	3.3	91
6	The Effect of Food Textures on Intake by Mouth and the Recovery of Oral Motor Function in the Child with a Severe Brain Injury. *Physical and Occupational Therapy in Pediatrics*, **2002**, 22, 51-71	2.1	8
5	The effect of food textures on intake by mouth and the recovery of oral motor function in the child with a severe brain injury. *Physical and Occupational Therapy in Pediatrics*, **2002**, 22, 51-71	2.1	1
4	The Reliability and Validity of the Quality of Upper Extremity Skills Test. *Physical and Occupational Therapy in Pediatrics*, **1993**, 13, 1-18	2.1	169
3	Neurodevelopmental therapy and upper-extremity inhibitive casting for children with cerebral palsy. *Developmental Medicine and Child Neurology*, **1991**, 33, 379-87	3.3	106
2	Evaluation of Treatment in Occupational Therapy. Part 1. Methodology Issues in Conducting Clinical Trials. *Canadian Journal of Occupational Therapy*, **1989**, 56, 236-242	1.4	
1	Evaluation of Treatment in Occupational Therapy: Part 2. Practical Issues in Conducting Clinical Trials. *Canadian Journal of Occupational Therapy*, **1989**, 56, 243-247	1.4	