

Carol DeMatteo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. <i>Lancet Neurology, The</i> , 2017 , 16, 987-1048	24.1	851
59	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, 1014-25	27.4	424
58	The Reliability and Validity of the Quality of Upper Extremity Skills Test. <i>Physical and Occupational Therapy in Pediatrics</i> , 1993 , 13, 1-18	2.1	169
57	Neurodevelopmental therapy and upper-extremity inhibitive casting for children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 1991 , 33, 379-87	3.3	106
56	Comparison of clinical and videofluoroscopic evaluation of children with feeding and swallowing difficulties. <i>Developmental Medicine and Child Neurology</i> , 2005 , 47, 149-57	3.3	91
55	Annual and Seasonal Trends in Ambulatory Visits for Pediatric Concussion in Ontario between 2003 and 2013. <i>Journal of Pediatrics</i> , 2017 , 181, 222-228.e2	3.6	70
54	A Balanced Protocol for Return to School for Children and Youth Following Concussive Injury. <i>Clinical Pediatrics</i> , 2015 , 54, 783-92	1.2	53
53	Participation patterns of children with acquired brain injury. <i>Brain Injury</i> , 2011 , 25, 587-95	2.1	53
52	Participation outcomes for children with acquired brain injury: a narrative review. <i>Brain Injury</i> , 2011 , 25, 1279-87	2.1	52
51	Predictors of change in participation rates following acquired brain injury: results of a longitudinal study. <i>Developmental Medicine and Child Neurology</i> , 2012 , 54, 339-46	3.3	43
50	Botulinum toxin as an adjunct to motor learning therapy and surgery for obstetrical brachial plexus injury. <i>Developmental Medicine and Child Neurology</i> , 2006 , 48, 245-52	3.3	38
49	Navigating the gray zone: a guideline for surgical decision making in obstetrical brachial plexus injuries. <i>Journal of Neurosurgery: Pediatrics</i> , 2009 , 3, 173-80	2.1	37
48	Knowledge of paediatric concussion among front-line primary care providers. <i>Paediatrics and Child Health</i> , 2014 , 19, 475-80	0.7	36
47	Exploring the use of cognitive intervention for children with acquired brain injury. <i>Physical and Occupational Therapy in Pediatrics</i> , 2010 , 30, 205-19	2.1	34
46	Canadian pediatric emergency physician knowledge of concussion diagnosis and initial management. <i>Canadian Journal of Emergency Medicine</i> , 2015 , 17, 115-22	0.6	30
45	Exertion Testing in Youth with Mild Traumatic Brain Injury/Concussion. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 2283-90	1.2	30
44	Depression in youth recovering from concussion: Correlates and predictors. <i>Brain Injury</i> , 2017 , 31, 631-638		28

43	Documenting the content of physical therapy for children with acquired brain injury: development and validation of the motor learning strategy rating instrument. <i>Physical Therapy</i> , 2011 , 91, 689-99	3.3	26
42	Development of a conservative protocol to return children and youth to activity following concussive injury. <i>Clinical Pediatrics</i> , 2015 , 54, 152-63	1.2	24
41	Post-concussion return to play and return to school guidelines for children and youth: a scoping methodology. <i>Disability and Rehabilitation</i> , 2015 , 37, 1107-12	2.4	22
40	Limb length differences after obstetrical brachial plexus injury: a growing concern. <i>Plastic and Reconstructive Surgery</i> , 2012 , 130, 558e-571e	2.7	21
39	Clinical assessment of the infant and child following perinatal brachial plexus injury. <i>Journal of Hand Therapy</i> , 2015 , 28, 126-33; quiz 134	1.6	16
38	Measuring Participation of Children and Environmental Factors at Home, School, and in Community: Construct Validation of the Korean PEM-CY. <i>Physical and Occupational Therapy in Pediatrics</i> , 2017 , 37, 541-554	2.1	15
37	Effective rehabilitation for children and adolescents with brain injury: evaluating and disseminating the evidence. <i>Archives of Physical Medicine and Rehabilitation</i> , 2005 , 86, 924-31	2.8	14
36	Cross-cultural validation and psychometric evaluation of the Participation and Environment Measure for Children and Youth in Korea. <i>Disability and Rehabilitation</i> , 2016 , 38, 2217-28	2.4	14
35	Motivation in rehabilitation and acquired brain injury: can theory help us understand it?. <i>Disability and Rehabilitation</i> , 2019 , 41, 2343-2349	2.4	14
34	Exploring Accelerometer Versus Self-Report Sleep Assessment in Youth With Concussion. <i>Global Pediatric Health</i> , 2017 , 4, 2333794X17745973	1.2	12
33	The use of ibuprofen and acetaminophen for acute headache in the postconcussive youth: A pilot study. <i>Paediatrics and Child Health</i> , 2017 , 22, 2-6	0.7	11
32	Management of persistent postconcussion symptoms in youth: a randomised control trial protocol. <i>BMJ Open</i> , 2015 , 5, e008468	3	11
31	Neurophysiological Correlates of Concussion: Deep Learning for Clinical Assessment. <i>Scientific Reports</i> , 2019 , 9, 17341	4.9	11
30	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. <i>Physiotherapy Theory and Practice</i> , 2009 , 25, 544-54	1.5	10
29	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. <i>British Journal of Sports Medicine</i> , 2019 , 53, 195	10.3	10
28	Fractal Analysis of Brain Blood Oxygenation Level Dependent (BOLD) Signals from Children with Mild Traumatic Brain Injury (mTBI). <i>PLoS ONE</i> , 2017 , 12, e0169647	3.7	9
27	The role of occupational therapists in the contexts of a natural disaster: a scoping review. <i>Disability and Rehabilitation</i> , 2016 , 38, 1620-31	2.4	9
26	The use of an intensive physical exertion test as a final return to play measure in concussed athletes: a prospective cohort. <i>Physician and Sportsmedicine</i> , 2019 , 47, 158-166	2.4	9

25	The Effect of Food Textures on Intake by Mouth and the Recovery of Oral Motor Function in the Child with a Severe Brain Injury. <i>Physical and Occupational Therapy in Pediatrics</i> , 2002 , 22, 51-71	2.1	8
24	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	5.4	8
23	An Emotional Go/No-Go fMRI study in adolescents with depressive symptoms following concussion. <i>International Journal of Psychophysiology</i> , 2018 , 132, 62-73	2.9	7
22	Evaluating the Nintendo Wii for assessing return to activity readiness in youth with mild traumatic brain injury. <i>Physical and Occupational Therapy in Pediatrics</i> , 2014 , 34, 229-44	2.1	7
21	The motor learning strategy instrument: interrater reliability within usual and virtual reality physical therapy interventions. <i>Pediatric Physical Therapy</i> , 2013 , 25, 53-60	0.9	7
20	Effectiveness of return to activity and return to school protocols for children postconcussion: a systematic review. <i>BMJ Open Sport and Exercise Medicine</i> , 2020 , 6, e000667	3.4	7
19	Psychometric properties of measures of motivation and engagement after acquired brain injury. <i>Rehabilitation Psychology</i> , 2018 , 63, 92-103	2.7	5
18	Concussion Management for Children Has Changed: New Pediatric Protocols Using the Latest Evidence. <i>Clinical Pediatrics</i> , 2020 , 59, 5-20	1.2	5
17	The Canadian Pediatric Mild Traumatic Brain Injury Common Data Elements Project: Harmonizing Outcomes to Increase Understanding of Pediatric Concussion. <i>Journal of Neurotrauma</i> , 2018 , 35, 1849-1857	5.4	4
16	Wondering and waiting after obstetrical brachial plexus injury: Are we underestimating the effects of the traumatic experience on the families?. <i>Plastic Surgery</i> , 2014 , 22, 183-187	0.8	4
15	Comparison of clinical and videofluoroscopic evaluation of children with feeding and swallowing difficulties. <i>Developmental Medicine and Child Neurology</i> , 2007 , 47, 149-157	3.3	4
14	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. <i>British Journal of Sports Medicine</i> , 2021 ,	10.3	4
13	Post-concussive depression: evaluating depressive symptoms following concussion in adolescents and its effects on executive function. <i>Brain Injury</i> , 2020 , 34, 520-527	2.1	3
12	'Wondering and waiting' after obstetrical brachial plexus injury: Are we underestimating the effects of the traumatic experience on the families?. <i>Plastic Surgery</i> , 2014 , 22, 183-7	0.8	3
11	"Popeye muscle" morphology in OBPI elbow flexion contracture. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2015 , 49, 327-32	1.5	2
10	Neurophysiological markers of cognitive deficits and recovery in concussed adolescents. <i>Brain Research</i> , 2020 , 1746, 146998	3.7	2
9	Knowledge Translation from Research to Clinical Practice: Measuring Participation of Children with Disabilities. <i>Occupational Therapy in Health Care</i> , 2016 , 30, 323-343	1.3	2
8	A Review of MRI and Exercise Treatment for Improved Concussion Diagnosis and Recovery. <i>Critical Reviews in Biomedical Engineering</i> , 2020 , 48, 261-283	1.1	1

7	Localization and Identification of Brain Microstructural Abnormalities in Paediatric Concussion. <i>Frontiers in Human Neuroscience</i> , 2021 , 15, 657374	3.3	1
6	Examining how time from sport-related concussion to initial assessment predicts return-to-play clearance. <i>Physician and Sportsmedicine</i> , 2021 , 1-9	2.4	1
5	Sensitivity and Specificity of a Multimodal Approach for Concussion Assessment in Youth Athletes. <i>Journal of Sport Rehabilitation</i> , 2021 , 30, 850-859	1.7	1
4	The effect of food textures on intake by mouth and the recovery of oral motor function in the child with a severe brain injury. <i>Physical and Occupational Therapy in Pediatrics</i> , 2002 , 22, 51-71	2.1	1
3	Physical Rehabilitation in Minor Traumatic Injury or Concussion. <i>Indian Journal of Neurotrauma</i> , 2017 , 14, 056-058	0.1	
2	Evaluation of Treatment in Occupational Therapy. Part 1. Methodology Issues in Conducting Clinical Trials. <i>Canadian Journal of Occupational Therapy</i> , 1989 , 56, 236-242	1.4	
1	Evaluation of Treatment in Occupational Therapy: Part 2. Practical Issues in Conducting Clinical Trials. <i>Canadian Journal of Occupational Therapy</i> , 1989 , 56, 243-247	1.4	