

Carol DeMatteo

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,833
citations

304743
22
h-index

144013
57
g-index

60
all docs

60
docs citations

60
times ranked

4382
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	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
3	The Reliability and Validity of the Quality of Upper Extremity Skills Test. <i>Physical and Occupational Therapy in Pediatrics</i> , 1993, 13, 1-18.	1.3	194
4	Neurodevelopmental Therapy and Upper Extremity Inhibitive Casting for Children with Cerebral Palsy. <i>Developmental Medicine and Child Neurology</i> , 1991, 33, 379-387.	2.1	133
5	Comparison of clinical and videofluoroscopic evaluation of children with feeding and swallowing difficulties. <i>Developmental Medicine and Child Neurology</i> , 2005, 47, 149-157.	2.1	112
6	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.	1.8	100
7	A Balanced Protocol for Return to School for Children and Youth Following Concussive Injury. <i>Clinical Pediatrics</i> , 2015, 54, 783-792.	0.8	66
8	Participation patterns of children with acquired brain injury. <i>Brain Injury</i> , 2011, 25, 587-595.	1.2	65
9	Participation outcomes for children with acquired brain injury: A narrative review. <i>Brain Injury</i> , 2011, 25, 1279-1287.	1.2	59
10	Predictors of change in participation rates following acquired brain injury: results of a longitudinal study. <i>Developmental Medicine and Child Neurology</i> , 2012, 54, 339-346.	2.1	55
11	Knowledge of paediatric concussion among front-line primary care providers. <i>Paediatrics and Child Health</i> , 2014, 19, 475-480.	0.6	51
12	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, 245-252.	2.1	45
13	Navigating the gray zone: a guideline for surgical decision making in obstetrical brachial plexus injuries. <i>Journal of Neurosurgery: Pediatrics</i> , 2009, 3, 173-180.	1.3	42
14	Exertion Testing in Youth with Mild Traumatic Brain Injury/Concussion. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2283-2290.	0.4	40
15	Canadian pediatric emergency physician knowledge of concussion diagnosis and initial management. <i>Canadian Journal of Emergency Medicine</i> , 2015, 17, 115-122.	1.1	38
16	Depression in youth recovering from concussion: Correlates and predictors. <i>Brain Injury</i> , 2017, 31, 631-638.	1.2	38
17	Exploring the Use of Cognitive Intervention for Children with Acquired Brain Injury. <i>Physical and Occupational Therapy in Pediatrics</i> , 2010, 30, 205-219.	1.3	37
18	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, 689-699.	2.4	37

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19	Development of a Conservative Protocol to Return Children and Youth to Activity Following Concussive Injury. <i>Clinical Pediatrics</i> , 2015, 54, 152-163.	0.8	32
20	Clinical assessment of the infant and child following perinatal brachial plexus injury. <i>Journal of Hand Therapy</i> , 2015, 28, 126-134.	1.5	29
21	Post-concussion return to play and return to school guidelines for children and youth: a scoping methodology. <i>Disability and Rehabilitation</i> , 2015, 37, 1107-1112.	1.8	29
22	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.	2.5	27
23	Limb Length Differences after Obstetrical Brachial Plexus Injury. <i>Plastic and Reconstructive Surgery</i> , 2012, 130, 558e-571e.	1.4	25
24	Motivation in rehabilitation and acquired brain injury: can theory help us understand it?. <i>Disability and Rehabilitation</i> , 2019, 41, 2343-2349.	1.8	25
25	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> , 2022, 56, 271-278.	6.7	24
26	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, 195-195.	6.7	21
27	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.	1.3	19
28	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.	2.9	19
29	Management of persistent postconcussion symptoms in youth: a randomised control trial protocol. <i>BMJ Open</i> , 2015, 5, e008468.	1.9	17
30	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, 2217-2228.	1.8	17
31	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.	0.6	17
32	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
33	Effective Rehabilitation for Children and Adolescents With Brain Injury: Evaluating and Disseminating the Evidence. <i>Archives of Physical Medicine and Rehabilitation</i> , 2005, 86, 924-931.	0.9	16
34	Neurophysiological Correlates of Concussion: Deep Learning for Clinical Assessment. <i>Scientific Reports</i> , 2019, 9, 17341.	3.3	16
35	Exploring Accelerometer Versus Self-Report Sleep Assessment in Youth With Concussion. <i>Global Pediatric Health</i> , 2017, 4, 2333794X1774597.	0.7	15
36	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.	2.1	15

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37	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, 544-554.	1.3	13
38	An Emotional Go/No-Go fMRI study in adolescents with depressive symptoms following concussion. <i>International Journal of Psychophysiology</i> , 2018, 132, 62-73.	1.0	13
39	The role of occupational therapists in the contexts of a natural disaster: a scoping review. <i>Disability and Rehabilitation</i> , 2016, 38, 1620-1631.	1.8	12
40	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.	1.3	9
41	The Motor Learning Strategy Instrument. <i>Pediatric Physical Therapy</i> , 2013, 25, 53-60.	0.6	9
42	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, 229-244.	1.3	9
43	Psychometric properties of measures of motivation and engagement after acquired brain injury.. <i>Rehabilitation Psychology</i> , 2018, 63, 92-103.	1.3	9
44	Post-concussive depression: evaluating depressive symptoms following concussion in adolescents and its effects on executive function. <i>Brain Injury</i> , 2020, 34, 520-527.	1.2	8
45	Comparison of clinical and videofluoroscopic evaluation of children with feeding and swallowing difficulties. <i>Developmental Medicine and Child Neurology</i> , 2005, 47, 149-157.	2.1	7
46	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.	3.4	7
47	Concussion Management for Children Has Changed: New Pediatric Protocols Using the Latest Evidence. <i>Clinical Pediatrics</i> , 2020, 59, 5-20.	0.8	7
48	“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.	1.0	6
49	“Popeye muscle” morphology in OBPI elbow flexion contracture. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2015, 49, 327-332.	0.8	5
50	Knowledge Translation from Research to Clinical Practice: Measuring Participation of Children with Disabilities. <i>Occupational Therapy in Health Care</i> , 2016, 30, 323-343.	0.3	5
51	Examining how time from sport-related concussion to initial assessment predicts return-to-play clearance. <i>Physician and Sportsmedicine</i> , 2022, 50, 132-140.	2.1	5
52	Localization and Identification of Brain Microstructural Abnormalities in Paediatric Concussion. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 657374.	2.0	5
53	Neurophysiological markers of cognitive deficits and recovery in concussed adolescents. <i>Brain Research</i> , 2020, 1746, 146998.	2.2	4
54	Sensitivity and Specificity of a Multimodal Approach for Concussion Assessment in Youth Athletes. <i>Journal of Sport Rehabilitation</i> , 2021, 30, 850-859.	1.0	3

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55	'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.	1.0	3
56	A Review of MRI and Exercise Treatment for Improved Concussion Diagnosis and Recovery. Critical Reviews in Biomedical Engineering, 2020, 48, 261-283.	0.9	2
57	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.	1.3	1
58	Evaluation of Treatment in Occupational Therapy. Part 1. Methodology Issues in Conducting Clinical Trials. Canadian Journal of Occupational Therapy, 1989, 56, 236-242.	1.3	0
59	Evaluation of Treatment in Occupational Therapy: Part 2. Practical Issues in Conducting Clinical Trials. Canadian Journal of Occupational Therapy, 1989, 56, 243-247.	1.3	0
60	Physical Rehabilitation in Minor Traumatic Injury or Concussion. Indian Journal of Neurotrauma, 2017, 14, 056-058.	0.2	0