Darcy L Fehlings

List of Publications by Year
in descending order

88	4,427	201385 27	114278 63
papers	citations	h-index	g-index

90	90	90	4991
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Early, Accurate Diagnosis and Early Intervention in Cerebral Palsy. JAMA Pediatrics, 2017, 171, 897.	3.3	898
2	Canadian stroke best practice recommendations: Stroke rehabilitation practice guidelines, update 2015. International Journal of Stroke, 2016, 11, 459-484.	2.9	440
3	Definition and classification of hyperkinetic movements in childhood. Movement Disorders, 2010, 25, 1538-1549.	2.2	374
4	Reliability of the Tardieu Scale for Assessing Spasticity in Children With Cerebral Palsy. Archives of Physical Medicine and Rehabilitation, 2010, 91, 421-428.	0.5	180
5	Characteristics of Pain in Children and Youth With Cerebral Palsy. Pediatrics, 2013, 132, e407-e413.	1.0	160
6	Early Intervention for Children Aged 0 to 2 Years With or at High Risk of Cerebral Palsy. JAMA Pediatrics, 2021, 175, 846.	3.3	147
7	Active Video Game Play in Children With Cerebral Palsy: Potential for Physical Activity Promotion and Rehabilitation Therapies. Archives of Physical Medicine and Rehabilitation, 2012, 93, 1448-1456.	0.5	138
8	Development of the Hypertonia Assessment Tool (HAT): a discriminative tool for hypertonia in children. Developmental Medicine and Child Neurology, 2010, 52, e83-7.	1.1	130
9	Efficacy and safety of deflazacort vs prednisone and placebo for Duchenne muscular dystrophy. Neurology, 2016, 87, 2123-2131.	1.5	129
10	Clinically relevant copy number variations detected in cerebral palsy. Nature Communications, 2015, 6, 7949.	5.8	120
11	Cortical Reorganization After Modified Constraint-Induced Movement Therapy in Pediatric Hemiplegic Cerebral Palsy. Journal of Child Neurology, 2007, 22, 1281-1287.	0.7	100
12	Informing evidenceâ€based clinical practice guidelines for children with cerebral palsy at risk of osteoporosis: a systematic review. Developmental Medicine and Child Neurology, 2012, 54, 106-116.	1.1	98
13	Designing action-based exergames for children with cerebral palsy. , 2013, , .		89
14	De novo and rare inherited copy-number variations in the hemiplegic form of cerebral palsy. Genetics in Medicine, 2018, 20, 172-180.	1.1	82
15	Genetic or Other Causation Should Not Change the Clinical Diagnosis of Cerebral Palsy. Journal of Child Neurology, 2019, 34, 472-476.	0.7	82
16	Role of Virtual Reality for Cerebral Palsy Management. Journal of Child Neurology, 2014, 29, 1119-1124.	0.7	80
17	Deep brain stimulation for pediatric dystonia: a metaâ€analysis with individual participant data. Developmental Medicine and Child Neurology, 2019, 61, 49-56.	1.1	75
18	Pharmacological and neurosurgical interventions for managing dystonia in cerebral palsy: a systematic review. Developmental Medicine and Child Neurology, 2018, 60, 356-366.	1.1	72

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19	Informing evidenceâ€based clinical practice guidelines for children with cerebral palsy at risk of osteoporosis: an update. Developmental Medicine and Child Neurology, 2016, 58, 918-923.	1.1	65
20	Pediatric Cerebral Palsy in Africa. Journal of Child Neurology, 2015, 30, 963-971.	0.7	64
21	Investigating the impact of pain, age, Gross Motor Function Classification System, and sex on healthâ€related quality of life in children with cerebral palsy. Developmental Medicine and Child Neurology, 2016, 58, 292-297.	1.1	61
22	Identification and measurement of dystonia in cerebral palsy. Developmental Medicine and Child Neurology, 2017, 59, 1249-1255.	1.1	60
23	Chronic Pain Assessment Tools for Cerebral Palsy: A Systematic Review. Pediatrics, 2015, 136, e947-e960.	1.0	59
24	Pediatric Constraint-Induced Movement Therapy Is Associated With Increased Contralateral Cortical Activity on Functional Magnetic Resonance Imaging. Journal of Child Neurology, 2009, 24, 1230-1235.	0.7	55
25	Pharmacological and neurosurgical interventions for individuals with cerebral palsy and dystonia: a systematic review update and metaâ€analysis. Developmental Medicine and Child Neurology, 2021, 63, 1038-1050.	1.1	42
26	Interactive Computer Play as â€œMotor Therapyâ€•for Individuals With Cerebral Palsy. Seminars in Pediatric Neurology, 2013, 20, 127-138.	1.0	40
27	The development of a home-based virtual reality therapy system to promote upper extremity movement for children with hemiplegic cerebral palsy. Technology and Disability, 2009, 21, 107-113.	0.3	38
28	Re-Evaluation of Serum Ferritin Cut-Off Values for the Diagnosis of Iron Deficiency in Children Aged 12-36 Months. Journal of Pediatrics, 2017, 188, 287-290.	0.9	30
29	Further Evaluation of the Scoring, Reliability, and Validity of the Hypertonia Assessment Tool (HAT). Journal of Child Neurology, 2014, 29, 500-504.	0.7	28
30	Neuroplastic Sensorimotor Resting State Network Reorganization in Children With Hemiplegic Cerebral Palsy Treated With Constraint-Induced Movement Therapy. Journal of Child Neurology, 2016, 31, 220-226.	0.7	27
31	Resting State and Diffusion Neuroimaging Predictors of Clinical Improvements Following Constraint-Induced Movement Therapy in Children With Hemiplegic Cerebral Palsy. Journal of Child Neurology, 2015, 30, 1507-1514.	0.7	26
32	Design and Evaluation of Virtual Realityâ€“Based Therapy Games with Dual Focus on Therapeutic Relevance and User Experience for Children with Cerebral Palsy. Games for Health Journal, 2014, 3, 162-171.	1.1	24
33	International expert recommendations of clinical features to prompt referral for diagnostic assessment of cerebral palsy. Developmental Medicine and Child Neurology, 2020, 62, 89-96.	1.1	24
34	Neonatal Infection in Children With Cerebral Palsy: A Registry-Based Cohort Study. Pediatric Neurology, 2018, 80, 77-83.	1.0	22
35	Change in pain status in children with cerebral palsy. Developmental Medicine and Child Neurology, 2017, 59, 374-379.	1.1	21
36	An innovative cycling exergame to promote cardiovascular fitness in youth with cerebral palsy: A brief report. Developmental Neurorehabilitation, 2016, 19, 1-6.	0.5	19

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37	Comparison of a robotic-assisted gait training program with a program of functional gait training for children with cerebral palsy: design and methods of a two group randomized controlled cross-over trial. SpringerPlus, 2016, 5, 1886.	1.2	18
38	Pain in cerebral palsy: a neglected comorbidity. Developmental Medicine and Child Neurology, 2017, 59, 782-783.	1.1	17
39	Evaluation of therapeutic electrical stimulation to improve muscle strength and function in children with types II/III spinal muscular atrophy. Developmental Medicine and Child Neurology, 2002, 44, 741-744.	1.1	16
40	A Comparison of Solo and Multiplayer Active Videogame Play in Children with Unilateral Cerebral Palsy. Games for Health Journal, 2012, 1, 287-293.	1.1	14
41	Profile of children with cerebral palsy spectrum disorder and a normal MRI study. Neurology, 2019, 93, e88-e96.	1.5	14
42	How Game Balancing Affects Play. , 2017, , .		13
43	Optimizing early child development for young children with non-anemic iron deficiency in the primary care practice setting (OptEC): study protocol for a randomized controlled trial. Trials, 2015, 16, 132.	0.7	12
44	Assessments and Interventions for Spasticity in Infants With or at High Risk for Cerebral Palsy: A Systematic Review. Pediatric Neurology, 2021, 118, 72-90.	1.0	12
45	Current Practice â€œConstraintsâ€•in the Uptake and Use of Intensive Upper Extremity Training: A Canadian Perspective. Physical and Occupational Therapy in Pediatrics, 2018, 38, 143-156.	0.8	11
46	Intrathecal baclofen versus selective dorsal rhizotomy for children with cerebral palsy who are nonambulant: a systematic review. Journal of Neurosurgery: Pediatrics, 2020, 25, 69-77.	0.8	11
47	The use of functional electrical stimulation to improve upper limb function in children with hemiplegic cerebral palsy: A feasibility study. Journal of Rehabilitation and Assistive Technologies Engineering, 2018, 5, 205566831876840.	0.6	10
48	Validating Accelerometry as a Measure of Arm Movement for Children With Hemiplegic Cerebral Palsy. Physical Therapy, 2019, 99, 721-729.	1.1	10
49	A whole new world: a qualitative investigation of parentsâ€™ experiences in transitioning their preterm child with cerebral palsy to developmental/rehabilitation services. Developmental Neurorehabilitation, 2019, 22, 87-97.	0.5	10
50	Documenting change with the Canadian Occupational Performance Measure for children with cerebral palsy. Developmental Medicine and Child Neurology, 2020, 62, 1154-1160.	1.1	10
51	Neurodevelopmental profiles of children with unilateral cerebral palsy associated with middle cerebral artery and periventricular venous infarctions. Developmental Medicine and Child Neurology, 2021, 63, 729-735.	1.1	10
52	Balancing for Gross Motor Ability in Exergaming Between Youth with Cerebral Palsy at Gross Motor Function Classification System Levels II and III. Games for Health Journal, 2017, 6, 104-110.	1.1	8
53	Rationale for dopaâ€responsive CTNNB1/ÃŸâ€catenin deficient dystonia. Movement Disorders, 2018, 33, 656-657.	2.2	8
54	Current Referral Practices for Diagnosis and Intervention for Children withÂCerebral Palsy: A National Environmental Scan. Journal of Pediatrics, 2020, 216, 173-180.e1.	0.9	8

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55	Assessments and Interventions for Sleep Disorders in Infants With or at High Risk for Cerebral Palsy: A Systematic Review. Pediatric Neurology, 2021, 118, 57-71.	1.0	8
56	Evaluation of therapeutic electrical stimulation to improve muscle strength and function in children with types II/III spinal muscular atrophy. Developmental Medicine and Child Neurology, 2002, 44, 741-4.	1.1	8
57	An internal pilot study for a randomized trial aimed at evaluating the effectiveness of iron interventions in children with non-anemic iron deficiency: the OptEC trial. Trials, 2015, 16, 303.	0.7	7
58	Risk factors, practice variation and hematological outcomes of children identified with non-anemic iron deficiency following screening in primary care setting. Paediatrics and Child Health, 2015, 20, 302-306.	0.3	7
59	Interactive media as a tool for reducing waiting anxiety at paediatric rehabilitation hospitals: a randomized controlled trial. Developmental Medicine and Child Neurology, 2018, 60, 602-610.	1.1	7
60	Inpatient Exergames for Children with Cerebral Palsy following Lower Extremity Orthopedic Surgery: A Feasibility Study. Developmental Neurorehabilitation, 2021, 24, 230-236.	0.5	7
61	â€œLine care governs our entire worldâ€• Understanding the experience of caregivers of children with intestinal failure receiving longâ€term parenteral nutrition. Journal of Parenteral and Enteral Nutrition, 2022, 46, 1602-1613.	1.3	7
62	Use of consensus methods to determine the early clinical signs of cerebral palsy. Paediatrics and Child Health, 2020, 25, 300-307.	0.3	6
63	Comparison of sports skills movement training to lower limb strength training for independently ambulatory children with cerebral palsy: a randomised feasibility trial. Disability and Rehabilitation, 2020, , 1-9.	0.9	6
64	A Systematic Review of Assessments and Interventions for Chronic Pain in Young Children With or at High Risk for Cerebral Palsy. Journal of Child Neurology, 2021, 36, 697-710.	0.7	5
65	Randomized Trial of Oral Iron and Diet Advice versus Diet Advice Alone in Young Children with Nonanemic Iron Deficiency. Journal of Pediatrics, 2021, 233, 233-240.e1.	0.9	5
66	Somatosensory Plasticity in Hemiplegic Cerebral Palsy Following Constraint Induced Movement Therapy. Pediatric Neurology, 2022, 126, 80-88.	1.0	5
67	Positive Distraction in Pediatric Healthcare Waiting Spaces: Sharing Play Not Germs through Inclusive, Hands-Free Interactive Media. Developmental Neurorehabilitation, 2019, 22, 445-452.	0.5	4
68	Anaerobic muscle performance of children after longâ€term recovery from Guillainâ€BarrÃ© syndrome. Developmental Medicine and Child Neurology, 2004, 46, 689-693.	1.1	3
69	Centres for Leadership: a strategy for academic integration. Journal of Health Organization and Management, 2017, 31, 302-316.	0.6	3
70	Identifying pain trajectories in children and youth with cerebral palsy: a pilot study. BMC Pediatrics, 2021, 21, 428.	0.7	3
71	Ataxic-hypotonic cerebral palsy in a cerebral palsy registry. Neurology: Clinical Practice, 2020, 10, 131-139.	0.8	3
72	Exploring demographic, medical, and developmental determinants of adaptive behaviour in children with hemiplegic cerebral palsy. European Journal of Paediatric Neurology, 2022, 36, 19-25.	0.7	3

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73	Pain trajectories and wellâ€being in children and young people with cerebral palsy: A cohort study. Developmental Medicine and Child Neurology, 2022, 64, 1416-1424.	1.1	3
74	Anaerobic muscle performance of children after long-term recovery from Guillain-BarrÃ© syndrome. Developmental Medicine and Child Neurology, 2004, 46, 689-93.	1.1	2
75	Red, yellow, green: can a traffic light system help systematic reviews?. Developmental Medicine and Child Neurology, 2014, 56, 401-402.	1.1	2
76	Ability-Based Balancing Using the Gross Motor Function Measure in Exergaming for Youth with Cerebral Palsy. Games for Health Journal, 2017, 6, 379-385.	1.1	2
77	The use of botulinum toxin in paediatric hypertonia. Paediatrics and Child Health, 2005, 10, 379-81.	0.3	2
78	Feasibility of High Repetition Upper Extremity Rehabilitation for Children with Unilateral Cerebral Palsy. Physical and Occupational Therapy in Pediatrics, 2022, 42, 242-258.	0.8	2
79	Comparison of intrathecal baclofen pump insertion and selective dorsal rhizotomy for nonambulatory children with predominantly spastic cerebral palsy. Journal of Neurosurgery: Pediatrics, 2022, 30, 217-223.	0.8	2
80	To boldly go. Developmental Medicine and Child Neurology, 2014, 56, 800-800.	1.1	1
81	Management of Common Comorbidities Associated with Neurodevelopmental Disorders. , 2017, , 472-477.		1
82	Improving access to selective dorsal rhizotomy for children with cerebral palsy. Cmaj, 2019, 191, E1205-E1206.	0.9	1
83	Further Evidence for Botulinum Toxin A in Cerebral Palsy. Journal of Pediatrics, 2014, 165, 15-17.	0.9	0
84	95 A Comparison of the Developmental Profiles of Individuals with Hemiplegic Cerebral Palsy associated with Middle Cerebral Artery and Periventricular Venous Infarctions. Paediatrics and Child Health, 2019, 24, e36-e37.	0.3	0
85	An Environmental Scan of Parent-focused Transition Practices between Neonatal Follow-up and Children's Rehabilitation Services. Developmental Neurorehabilitation, 2020, 23, 113-120.	0.5	0
86	The effect of stationary rehabilitative cycling after lower extremity musculoskeletal surgical procedures on gross motor related activities of daily living, lower extremity pain and body structure and function outcomes: a systematic review. Physical Therapy Reviews, 2021, 26, 124-138.	0.3	0
87	The importance of dystonia in cerebral palsy. European Journal of Paediatric Neurology, 2021, 32, A3.	0.7	0
88	Clinician perspectives on the implementation of inpatient cycling-based exergames for children with cerebral palsy: A qualitative study. Developmental Neurorehabilitation, 0, , 1-11.	0.5	0