Catherine Elliott

List of Publications by Year
in descending order

91 papers	2,102 citations	185998 28 h-index	288905 40 g-index
92 all docs	92 docs citations	92 times ranked	2209 citing authors

#	Article	IF	Citations
1	Elements contributing to meaningful participation for children and youth with disabilities: a scoping review. Disability and Rehabilitation, 2017, 39, 1771-1784.	0.9	83
2	Paediatric burns: From the voice of the child. Burns, 2014, 40, 606-615.	1.1	73
3	Measurement of Upper Limb Range of Motion Using Wearable Sensors: A Systematic Review. Sports Medicine - Open, 2018, 4, 53.	1.3	71
4	Mirror neuron system activation in children with developmental coordination disorder: A replication functional MRI study. Research in Developmental Disabilities, 2019, 84, 16-27.	1.2	68
5	Muscle volume alterations in spastic muscles immediately following botulinum toxin typeâ€A treatment in children with cerebral palsy. Developmental Medicine and Child Neurology, 2013, 55, 813-820.	1.1	67
6	Combining strength training and botulinum neurotoxin intervention in children with cerebral palsy: the impact on muscle morphology and strength. Disability and Rehabilitation, 2013, 35, 596-605.	0.9	61
7	Repeatability of upper limb kinematics for children with and without cerebral palsy. Gait and Posture, 2010, 32, 10-17.	0.6	60
8	Cortical functioning in children with developmental coordination disorder: a motor overflow study. Experimental Brain Research, 2015, 233, 1703-1710.	0.7	57
9	Paediatric healthâ€care professionals: Relationships between psychological distress, resilience and coping skills. Journal of Paediatrics and Child Health, 2013, 49, 725-732.	0.4	55
10	â€œThis is not just a little accidentâ€: a qualitative understanding of paediatric burns from the perspective of parents. Disability and Rehabilitation, 2015, 37, 41-50.	0.9	55
11	Cognitive Orientation to (Daily) Occupational Performance intervention leads to improvements in impairments, activity and participation in children with Developmental Coordination Disorder. Disability and Rehabilitation, 2016, 38, 979-986.	0.9	52
12	Pulmonary function, exercise capacity and physical activity participation in adults following burn. Burns, 2011, 37, 1326-1333.	1.1	51
13	Exercise training to improve health related quality of life in long term survivors of major burn injury: A matched controlled study. Burns, 2012, 38, 1165-1173.	1.1	50
14	Enabling physical activity participation for children and youth with disabilities following a goal-directed, family-centred intervention. Research in Developmental Disabilities, 2018, 77, 30-39.	1.2	48
15	Ultrasound characterization of medial gastrocnemius tissue composition in children with spastic cerebral palsy. Muscle and Nerve, 2015, 52, 397-403.	1.0	46
16	A realist evaluation of a physical activity participation intervention for children and youth with disabilities: what works, for whom, in what circumstances, and how?. BMC Pediatrics, 2018, 18, 113.	0.7	46
17	The effect of exercise training on pulmonary function and aerobic capacity in adults with burn. Burns, 2012, 38, 607-613.	1.1	45
18	Does muscle size matter? The relationship between muscle size and strength in children with cerebral palsy. Disability and Rehabilitation, 2015, 37, 579-584.	0.9	44

#	Article	IF	Citations
19	A systematic review of mirror neuron system function in developmental coordination disorder: Imitation, motor imagery, and neuroimaging evidence. Research in Developmental Disabilities, 2015, 47, 234-283.	1.2	43
20	Efficacy of Participation-Focused Therapy on Performance of Physical Activity Participation Goals and Habitual Physical Activity in Children With Cerebral Palsy: A Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2019, 100, 676-686.	0.5	42
21	A comparison of activity, participation and quality of life in children with and without spastic diplegia cerebral palsy. Disability and Rehabilitation, 2012, 34, 1306-1310.	0.9	40
22	Paediatric medical trauma: The impact on parents of burn survivors. Burns, 2013, 39, 1114-1121.	1.1	38
23	Childhood muscle morphology and strength: Alterations over six months of growth. Muscle and Nerve, 2012, 46, 360-366.	1.0	36
24	Muscle volume alterations after first botulinum neurotoxin A treatment in children with cerebral palsy: a 6â€month prospective cohort study. Developmental Medicine and Child Neurology, 2018, 60, 1165-1171.	1.1	36
25	Neuromuscular electrical stimulationâ€assisted gait increases muscle strength and volume in children with unilateral spastic cerebral palsy. Developmental Medicine and Child Neurology, 2016, 58, 492-501.	1.1	35
26	REACH: study protocol of a randomised trial of rehabilitation very early in congenital hemiplegia. BMJ Open, 2017, 7, e017204.	0.8	35
27	The orthotic and therapeutic effects following daily community applied functional electrical stimulation in children with unilateral spastic cerebral palsy: a randomised controlled trial. BMC Pediatrics, 2015, 15, 154.	0.7	32
28	Lycra arm splints in conjunction with goal-directed training can improve movement in children with cerebral palsy. NeuroRehabilitation, 2011, 28, 47-54.	0.5	29
29	LycraÂ® arm splints improve movement fluency in children with cerebral palsy. Gait and Posture, 2011, 33, 214-219.	0.6	29
30	Motor imagery ability and internal representation of movement in children with probable developmental coordination disorder. Human Movement Science, 2015, 44, 287-298.	0.6	28
31	Utilisation of coaching practices in early interventions in children at risk of developmental disability/delay: a systematic review. Disability and Rehabilitation, 2020, 42, 2846-2867.	0.9	26
32	Somatosensory Discrimination Intervention Improves Body Position Sense and Motor Performance in Children With Hemiplegic Cerebral Palsy. American Journal of Occupational Therapy, 2017, 71, 7103190060p1-7103190060p9.	0.1	26
33	Reduced relative volume in motor and attention regions in developmental coordination disorder: A voxelâ€based morphometry study. International Journal of Developmental Neuroscience, 2017, 58, 59-64.	0.7	25
34	Muscle histopathology in children with spastic cerebral palsy receiving botulinum toxin type A. Muscle and Nerve, 2016, 53, 407-414.	1.0	24
35	Validity and reliability of a freehand 3D ultrasound system for the determination of triceps surae muscle volume in children with cerebral palsy. Journal of Anatomy, 2019, 234, 384-391.	0.9	24
36	Measuring skeletal muscle morphology and architecture with imaging modalities in children with cerebral palsy: a scoping review. Developmental Medicine and Child Neurology, 2021, 63, 263-273.	1.1	23

#	Article	IF	Citations
37	â€˜Itâ€™s important that we learn tooâ€™: Empowering parents to facilitate participation in physical activity for children and youth with disabilities. Scandinavian Journal of Occupational Therapy, 2019, 26, 135-148.	1.1	21
38	Locomotor and robotic assistive gait training for children with cerebral palsy. Developmental Medicine and Child Neurology, 2021, 63, 328-335.	1.1	20
39	Burn-injured adults with long term functional impairments demonstrate the same response to resistance training as uninjured controls. Burns, 2013, 39, 680-686.	1.1	19
40	Content validity and usefulness of Picture My Participation for measuring participation in children with and without intellectual disability in South Africa and Sweden. Scandinavian Journal of Occupational Therapy, 2020, 27, 336-348.	1.1	19
41	Sleep concerns in children and young people with cerebral palsy in their home setting. Journal of Paediatrics and Child Health, 2015, 51, 1188-1194.	0.4	18
42	ParticiPAte CP: a protocol of a randomised waitlist controlled trial of a motivational and behaviour change therapy intervention to increase physical activity through meaningful participation in children with cerebral palsy. BMJ Open, 2017, 7, e015918.	0.8	18
43	Cognition and bimanual performance in children with unilateral cerebral palsy: protocol for a multicentre, cross-sectional study. BMC Neurology, 2018, 18, 63.	0.8	18
44	Does somatosensation change with age in children and adolescents? A systematic review. Child: Care, Health and Development, 2016, 42, 809-824.	0.8	17
45	Muscle morphology of the lower leg in ambulant children with spastic cerebral palsy. Muscle and Nerve, 2018, 58, 818-823.	1.0	17
46	Demonstration of the use of the ICF framework in detailing complex functional deficits after major burn. Burns, 2012, 38, 32-43.	1.1	16
47	Can, Want and Try: Parentsâ€™ Viewpoints Regarding the Participation of Their Child with an Acquired Brain Injury. PLoS ONE, 2016, 11, e0157951.	1.1	16
48	Poor Imitative Performance of Unlearned Gestures in Children with Probable Developmental Coordination Disorder. Journal of Motor Behavior, 2017, 49, 378-387.	0.5	16
49	The physical literacy of children with behavioural and emotional mental health disorders: A scoping review. Mental Health and Physical Activity, 2018, 15, 95-131.	0.9	16
50	Brain magnetic resonance imaging is a predictor of bimanual performance and executive function in children with unilateral cerebral palsy. Developmental Medicine and Child Neurology, 2020, 62, 615-624.	1.1	14
51	Minimising impairment: Protocol for a multicentre randomised controlled trial of upper limb orthoses for children with cerebral palsy. BMC Pediatrics, 2016, 16, 70.	0.7	13
52	Lower limb functional outcome assessment following burn injury: A novel use for 3D laboratory-based movement analysis. Burns, 2010, 36, e24-e30.	1.1	12
53	Rationale for prescription, and effectiveness of, upper limb orthotic intervention for children with cerebral palsy: a systematic review. Disability and Rehabilitation, 2018, 40, 1361-1371.	0.9	12
54	Participation predictors for leisureâ€time physical activity intervention in children with cerebral palsy. Developmental Medicine and Child Neurology, 2021, 63, 566-575.	1.1	12

#	Article	IF	Citations
55	What is the evidence for managing tone in young children with, or at risk of developing, cerebral palsy: a systematic review. Disability and Rehabilitation, 2017, 39, 619-630.	0.9	11
56	What is the current practice of therapists in the measurement of somatosensation in children with cerebral palsy and other neurological disorders?. Australian Occupational Therapy Journal, 2018, 65, 89-97.	0.6	11
57	A prospective study investigating gross motor function of children with cerebral palsy and GMFCS level II after long-term Botulinum toxin type A use. BMC Pediatrics, 2020, 20, 7.	0.7	11
58	Botulinum toxin and surgical intervention in children and adolescents with cerebral palsy: who, when and why do we treat?. Disability and Rehabilitation, 2021, 43, 936-943.	0.9	11
59	Patterns and reliability of children's skin temperature prior to and during sleep in the home setting. Physiology and Behavior, 2018, 194, 292-301.	1.0	10
60	What makes playgroups therapeutic? A scoping review to identify the active ingredients of therapeutic and supported playgroups. Scandinavian Journal of Occupational Therapy, 2019, 26, 81-102.	1.1	10
61	Daily functional electrical stimulation during everyday walking activities improves performance and satisfaction in children with unilateral spastic cerebral palsy: a randomized controlled trial. Archives of Physiotherapy, 2015, 5, 5.	0.7	9
62	Protocol for a multisite randomised trial of Handâ€“Arm Bimanual Intensive Training Including Lower Extremity training for children with bilateral cerebral palsy: HABIT-ILE Australia. BMJ Open, 2019, 9, e032194.	0.8	9
63	Clinical acceptability of the sense_assessÂ© kids: Children and youth perspectives. Australian Occupational Therapy Journal, 2018, 65, 79-88.	0.6	8
64	Randomised Controlled Trial of a Therapeutic Playgroup for Children with Developmental Delays. Journal of Autism and Developmental Disorders, 2021, 51, 1039-1053.	1.7	8
65	Early Moves: a protocol for a population-based prospective cohort study to establish general movements as an early biomarker of cognitive impairment in infants. BMJ Open, 2021, 11, e041695.	0.8	8
66	â€œCapturing the magicâ€: identifying the active ingredients of a physical activity participation intervention for children and youth with disabilities. Disability and Rehabilitation, 2022, 44, 1650-1659.	0.9	8
67	Application of Inertial Measurement Units and Machine Learning Classification in Cerebral Palsy: Randomized Controlled Trial. JMIR Rehabilitation and Assistive Technologies, 2021, 8, e29769.	1.1	8
68	The Neurological Hand Deformity Classification for children with cerebral palsy. Australian Occupational Therapy Journal, 2014, 61, 394-402.	0.6	7
69	Construct validity and responsiveness of the functional Tactile Object Recognition Test for children with cerebral palsy. Australian Occupational Therapy Journal, 2018, 65, 420-430.	0.6	7
70	Children with cerebral palsy have larger Achilles tendon moment arms than typically developing children. Journal of Biomechanics, 2019, 82, 307-312.	0.9	7
71	Discovering the sense of touch: protocol for a randomised controlled trial examining the efficacy of a somatosensory discrimination intervention for children with hemiplegic cerebral palsy. BMC Pediatrics, 2018, 18, 252.	0.7	6
72	Prescribing upper limbÂorthoses for children with cerebral palsy: a Q methodology study of occupational therapistsâ€™ decision making. Disability and Rehabilitation, 2020, 42, 2600-2610.	0.9	6

#	Article	IF	Citations
73	Clinical utilisation of the Infant Monitor of vocal Production (IMP) for early identification of communication impairment in young infants at-risk of cerebral palsy: a prospective cohort study. Developmental Neurorehabilitation, 2022, 25, 101-114.	0.5	6
74	Assessing body sensations in children: Intra-rater reliability of assessment and effects of age. British Journal of Occupational Therapy, 2019, 82, 179-185.	0.5	5
75	Somatosensory discrimination impairment in children with hemiplegic cerebral palsy as measured by the sense_assessÂ© kids. Australian Occupational Therapy Journal, 2021, 68, 317-326.	0.6	5
76	Is the search for cerebral palsy â€˜curesâ€™ a reasonable and appropriate goal in the 2020s?. Developmental Medicine and Child Neurology, 2022, 64, 49-55.	1.1	5
77	Descriptive contents analysis of ParticiPAte CP: a participation-focused intervention to promote physical activity participation in children with cerebral palsy. Disability and Rehabilitation, 2021, , 1-11.	0.9	5
78	Defining Therapeutic Playgroups: Key Principles of Therapeutic Playgroups from the Perspective of Professionals. Journal of Child and Family Studies, 2020, 29, 1029-1043.	0.7	4
79	Unpacking the application of Q methodology for use in occupational therapy research. Scandinavian Journal of Occupational Therapy, 2021, 28, 323-328.	1.1	4
80	Validation of custom wearable sensors to measure angle kinematics: A technical report. Health and Technology, 2019, 9, 887-892.	2.1	3
81	The Power of Playgroups: Key components of supported and therapeutic playgroups from the perspective of parents. Australian Occupational Therapy Journal, 2021, 68, 144-155.	0.6	3
82	Hand function development of children with hemiplegic cerebral palsy: A scoping review. Journal of Pediatric Rehabilitation Medicine, 2022, 15, 211-228.	0.3	3
83	Haptic Exploratory Procedures of Children and Youth with and without Cerebral Palsy. Physical and Occupational Therapy in Pediatrics, 2019, 39, 337-351.	0.8	2
84	Experience of Engagement in a Somatosensory Discrimination Intervention for Children with Hemiplegic Cerebral Palsy: A Qualitative Investigation. Developmental Neurorehabilitation, 2019, 22, 348-358.	0.5	2
85	Normative data of muscle fiber diameter of vastus lateralis during childhood: a field test. Muscle and Nerve, 2019, 59, 590-593.	1.0	1
86	The Development and Feasibility of a Manualised Therapeutic Playgroup for Children with Developmental Delay. Journal of Child and Family Studies, 2021, 30, 1-16.	0.7	1
87	Construct validity, reliability, and responsiveness of the Wrist Position Sense Test for use in children with hemiplegic cerebral palsy. Australian Occupational Therapy Journal, 0, , .	0.6	1
88	The Neurological Hand Deformity Classification: Construct validity, test-retest, and inter-rater reliability. Journal of Hand Therapy, 2021, , .	0.7	0
89	Physical activity participation among children diagnosed with mental health disorders: A qualitative analysis of childrenâ€™s and their guardianâ€™s perspectives. Qualitative Research in Sport, Exercise and Health, 0, , 1-20.	3.3	0
90	A qualitative exploration of motivations and barriers for community leisure organisationsâ€™ engagement with the Jooayâ„¢ mobile app. Disability and Rehabilitation, 2021, , 1-9.	0.9	0

#	Article	IF	Citations
91	Implications of providing wrist-hand orthoses for children with cerebral palsy: evidence from a randomised controlled trial. Disability and Rehabilitation, 0, , 1-11.	0.9	0