

Yannick Bleyenheuft

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,915
citations

331259

21
h-index

276539

41
g-index

60
all docs

60
docs citations

60
times ranked

2096
citing authors

#	ARTICLE	IF	CITATIONS
1	Rehabilitation of Motor Function after Stroke: A Multiple Systematic Review Focused on Techniques to Stimulate Upper Extremity Recovery. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 442.	1.0	558
2	Hand and Arm Bimanual Intensive Therapy Including Lower Extremity (HABIT-ILE) in Children With Unilateral Spastic Cerebral Palsy. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 645-657.	1.4	87
3	Skilled Bimanual Training Drives Motor Cortex Plasticity in Children With Unilateral Cerebral Palsy. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 834-844.	1.4	78
4	Intensive upper and lower extremity training for children with bilateral cerebral palsy: a quasi-randomized trial. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 625-633.	1.1	70
5	Precision grip control, sensory impairments and their interactions in children with hemiplegic cerebral palsy: A systematic review. <i>Research in Developmental Disabilities</i> , 2013, 34, 3014-3028.	1.2	66
6	Pathophysiology of impaired hand function in children with unilateral cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 32-37.	1.1	65
7	Corticospinal Dysgenesis and Upper-Limb Deficits in Congenital Hemiplegia: A Diffusion Tensor Imaging Study. <i>Pediatrics</i> , 2007, 120, e1502-e1511.	1.0	58
8	Capturing neuroplastic changes after bimanual intensive rehabilitation in children with unilateral spastic cerebral palsy: A combined DTI, TMS and fMRI pilot study. <i>Research in Developmental Disabilities</i> , 2015, 43-44, 136-149.	1.2	58
9	Hand Functioning in Children with Cerebral Palsy. <i>Frontiers in Neurology</i> , 2014, 5, 48.	1.1	57
10	Does Corticospinal Tract Connectivity Influence the Response to Intensive Bimanual Therapy in Children With Unilateral Cerebral Palsy?. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 250-260.	1.4	50
11	Reliability and responsiveness of the Jebsen-Taylor Test of Hand Function and the Box and Block Test for children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 1182-1188.	1.1	48
12	Hand-Arm Bimanual Intensive Therapy Including Lower Extremities (HABIT-ILE) for Children with Cerebral Palsy. <i>Physical and Occupational Therapy in Pediatrics</i> , 2014, 34, 390-403.	0.8	45
13	Impact of physical exercise on depression and anxiety in adolescent inpatients: A randomized controlled trial. <i>Journal of Affective Disorders</i> , 2022, 301, 145-153.	2.0	45
14	Comparison of Structured Skill and Unstructured Practice During Intensive Bimanual Training in Children With Unilateral Spastic Cerebral Palsy. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 452-461.	1.4	42
15	Altered Gravity Highlights Central Pattern Generator Mechanisms. <i>Journal of Neurophysiology</i> , 2008, 100, 2819-2824.	0.9	40
16	Tactile spatial resolution measured manually: A validation study. <i>Somatosensory & Motor Research</i> , 2007, 24, 111-114.	0.4	37
17	Age-related changes in tactile spatial resolution from 6 to 16 years old. <i>Somatosensory & Motor Research</i> , 2006, 23, 83-87.	0.4	30
18	Non-Invasive Brain Stimulation in Children With Unilateral Cerebral Palsy: A Protocol and Risk Mitigation Guide. <i>Frontiers in Pediatrics</i> , 2018, 6, 56.	0.9	27

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19	Precision Grip in Congenital and Acquired Hemiparesis: Similarities in Impairments and Implications for Neurorehabilitation. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 459.	1.0	25
20	The effects of intensive bimanual training with and without tactile training on tactile function in children with unilateral spastic cerebral palsy: A pilot study. <i>Research in Developmental Disabilities</i> , 2016, 49-50, 129-139.	1.2	25
21	Measuring changes of manual ability with <scp>ABILHAND</scp> â€œKids following intensive training for children with unilateral cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 505-511.	1.1	24
22	The Relationship Between Hand Function and Overlapping Motor Representations of the Hands in the Contralesional Hemisphere in Unilateral Spastic Cerebral Palsy. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 62-72.	1.4	24
23	ACTIVLIM-CP a new Rasch-built measure of global activity performance for children with cerebral palsy. <i>Research in Developmental Disabilities</i> , 2017, 60, 285-294.	1.2	23
24	Predictive Mechanisms Control Grip Force after Impact in Self-Triggered Perturbations. <i>Journal of Motor Behavior</i> , 2009, 41, 411-417.	0.5	19
25	Predictive and Reactive Control of Precision Grip in Children With Congenital Hemiplegia. <i>Neurorehabilitation and Neural Repair</i> , 2010, 24, 318-327.	1.4	19
26	Tactile spatial resolution in unilateral brain lesions and its correlation with digital dexterity. <i>Journal of Rehabilitation Medicine</i> , 2011, 43, 251-256.	0.8	19
27	Impact of Physical Exercise on Symptoms of Depression and Anxiety in Pre-adolescents: A Pilot Randomized Trial. <i>Frontiers in Psychology</i> , 2019, 10, 1820.	1.1	19
28	From congenial paralysis to post-early brain injury developmental condition: Where does cerebral palsy actually stand?. <i>Annals of Physical and Rehabilitation Medicine</i> , 2020, 63, 431-438.	1.1	19
29	Motor Skill Training May Restore Impaired Corticospinal Tract Fibers in Children With Cerebral Palsy. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 533-546.	1.4	19
30	Improvements in Upper Extremity Function Following Intensive Training Are Independent of Corticospinal Tract Organization in Children With Unilateral Spastic Cerebral Palsy: A Clinical Randomized Trial. <i>Frontiers in Neurology</i> , 2021, 12, 660780.	1.1	17
31	Including a Lower-Extremity Component during Hand-Arm Bimanual Intensive Training does not Attenuate Improvements of the Upper Extremities: A Retrospective Study of Randomized Trials. <i>Frontiers in Neurology</i> , 2017, 8, 495.	1.1	16
32	Hemorrhagic versus ischemic stroke: Who can best benefit from blended conventional physiotherapy with robotic-assisted gait therapy?. <i>PLoS ONE</i> , 2017, 12, e0178636.	1.1	16
33	Relationship between tactile spatial resolution and digital dexterity during childhood. <i>Somatosensory & Motor Research</i> , 2010, 27, 9-14.	0.4	13
34	A Cross-sectional Study of the Clinical Profile of Children With Cerebral Palsy in Benin, a West African Low-Income Country. <i>Journal of Child Neurology</i> , 2019, 34, 842-850.	0.7	12
35	Impairments of Visuospatial Attention in Children with Unilateral Spastic Cerebral Palsy. <i>Neural Plasticity</i> , 2018, 2018, 1-14.	1.0	11
36	The Two-Arm Coordination Test: Maturation of Bimanual Coordination in Typically Developing Children and Deficits in Children with Unilateral Cerebral Palsy. <i>Developmental Neurorehabilitation</i> , 2019, 22, 312-320.	0.5	11

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37	Development of Visuospatial Attention in Typically Developing Children. <i>Frontiers in Psychology</i> , 2017, 8, 2064.	1.1	10
38	Changes in Tactile Function During Intensive Bimanual Training in Children With Unilateral Spastic Cerebral Palsy. <i>Journal of Child Neurology</i> , 2018, 33, 260-268.	0.7	10
39	Responsiveness of the <sc>ACTIVLIM</sc> questionnaire: measuring global activity performance in children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 1178-1185.	1.1	10
40	Protocol for a multisite randomised trial of Hand-Arm Bimanual Intensive Training Including Lower Extremity training for children with bilateral cerebral palsy: HABIT-ILE Australia. <i>BMJ Open</i> , 2019, 9, e032194.	0.8	9
41	Impaired predictive and reactive control of precision grip in chronic stroke patients. <i>International Journal of Rehabilitation Research</i> , 2014, 37, 130-137.	0.7	8
42	The Seated Postural & Reaching Control Test in Cerebral Palsy: A Validation Study. <i>Physical and Occupational Therapy in Pediatrics</i> , 2020, 40, 441-469.	0.8	8
43	Brain activation changes following motor training in children with unilateral cerebral palsy: An fMRI study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101502.	1.1	8
44	Protocol of changes induced by early Hand-Arm Bimanual Intensive Therapy Including Lower Extremities (e-HABIT-ILE) in pre-school children with bilateral cerebral palsy: a multisite randomized controlled trial. <i>BMC Neurology</i> , 2020, 20, 243.	0.8	7
45	Feasibility and effectiveness of HABIT-ILE in children aged 1 to 4 years with cerebral palsy: A pilot study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101381.	1.1	7
46	Grip Control in Children before, during, and after Impulsive Loading. <i>Journal of Motor Behavior</i> , 2010, 42, 169-177.	0.5	6
47	Use of prism adaptation in children with unilateral brain lesion: Is it feasible?. <i>Research in Developmental Disabilities</i> , 2015, 43-44, 61-71.	1.2	6
48	Feasibility of Online High-Intensity Interval Training (HIIT) on Psychological Symptoms in Students in Lockdown During the COVID-19 Pandemic: A Randomized Controlled Trial. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	6
49	Development of touch. <i>Scholarpedia Journal</i> , 2009, 4, 7958.	0.3	4
50	Efficacy of hand-arm bimanual intensive therapy including lower extremities (HABIT-ILE) in young children with bilateral cerebral palsy (GMFCS III-IV) in a low and middle-income country: protocol of a randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e050958.	0.8	4
51	Interrater Reliability of Activity Questionnaires After an Intensive Motor-Skill Learning Intervention for Children With Cerebral Palsy. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, 1655-1662.	0.5	3
52	Preschool HABIT-ILE: study protocol for a randomised controlled trial to determine efficacy of intensive rehabilitation compared with usual care to improve motor skills of children, aged 2-5 years, with bilateral cerebral palsy. <i>BMJ Open</i> , 2021, 11, e041542.	0.8	3
53	Mothers' perception of cerebral palsy in a low-income country of West Africa: a cross-sectional study. <i>Disability and Rehabilitation</i> , 2022, 44, 4767-4774.	0.9	3
54	Precision Grip Control while Walking Down a Stair Step. <i>PLoS ONE</i> , 2016, 11, e0165549.	1.1	3

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55	Precision grip control while walking down a step in children with unilateral cerebral palsy. PLoS ONE, 2018, 13, e0191684.	1.1	3
56	Normative values and discriminative ability across functional levels of ACTIVLIM-CP, a measure of global activity performance for children with cerebral palsy. Disability and Rehabilitation, 2020, 42, 2790-2796.	0.9	2
57	Intensive Bimanual Intervention for Children Who Have Undergone Hemispherectomy: A Pilot Study. Pediatric Physical Therapy, 2021, 33, 120-127.	0.3	2
58	Data on the impact of physical exercise treatment on depression and anxiety in a psychiatric hospital for adolescents. Data in Brief, 2022, 42, 108165.	0.5	1
59	Mirror movements after bimanual intensive therapy in children with unilateral cerebral palsy: A randomized controlled trial. Developmental Medicine and Child Neurology, 2022, , .	1.1	0