

# Theresa Claire Davies

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9517549/publications.pdf>

Version: 2024-02-01

32  
papers

294  
citations

1039406

9  
h-index

996533

15  
g-index

32  
all docs

32  
docs citations

32  
times ranked

342  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enabling self-directed computer use for individuals with cerebral palsy: a systematic review of assistive devices and technologies. <i>Developmental Medicine and Child Neurology</i> , 2010, 52, 510-516.	1.1	36
2	The effect of hydrotherapy treatment on gait characteristics of hereditary spastic paraparesis patients. <i>Gait and Posture</i> , 2014, 39, 1074-1079.	0.6	31
3	Systematic review: Investigating the effectiveness of assistive technology to enable internet access for individuals with deafblindness. <i>Assistive Technology</i> , 2019, 31, 276-285.	1.2	26
4	Postural stability during gait for adults with hereditary spastic paraparesis. <i>Journal of Biomechanics</i> , 2019, 88, 12-17.	0.9	22
5	Are we there yet? Evaluating commercial grade brain-computer interface for control of computer applications by individuals with cerebral palsy. <i>Disability and Rehabilitation: Assistive Technology</i> , 2017, 12, 165-174.	1.3	21
6	Youth With Cerebral Palsy With Differing Upper Limb Abilities: How Do They Access Computers?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 1952-1956.	0.5	17
7	A systematic review investigating outcome measures and uptake barriers when children and youth with complex disabilities use eye gaze assistive technology. <i>Developmental Neurorehabilitation</i> , 2020, 23, 145-159.	0.5	14
8	A cross-sectional study examining computer task completion by adolescents with cerebral palsy across the Manual Ability Classification System levels. <i>Developmental Medicine and Child Neurology</i> , 2014, 56, 1180-1186.	1.1	12
9	Training to use a commercial brain-computer interface as access technology: a case study. <i>Disability and Rehabilitation: Assistive Technology</i> , 2014, 11, 1-6.	1.3	9
10	Using cursor measures to investigate the effects of impairment severity on cursor control for youths with cerebral palsy. <i>International Journal of Human Computer Studies</i> , 2014, 72, 349-357.	3.7	9
11	Automated objective robot-assisted assessment of wrist passive ranges of motion. <i>Journal of Biomechanics</i> , 2018, 73, 223-226.	0.9	9
12	Using ecological interface design to develop an auditory interface for visually impaired travellers. , 2006, , .		8
13	Multiple stakeholder perceptions of assistive technology for individuals with cerebral palsy in New Zealand. <i>Disability and Rehabilitation: Assistive Technology</i> , 2018, 13, 648-657.	1.3	8
14	Can Wii Balance? Evaluating a Stepping Game for Older Adults. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 1783-1793.	2.7	8
15	Caregiver and special education staff perspectives of a commercial brain-computer interface as access technology: a qualitative study. <i>Brain-Computer Interfaces</i> , 2018, 5, 73-87.	0.9	6
16	Tools and Techniques Used With Robotic Devices to Quantify Upper-Limb Function in Typically Developing Children: A Systematic Review. <i>Rehabilitation Process and Outcome</i> , 2020, 9, 117957272097901.	0.8	6
17	What's that sound? Distance determination and aperture passage from ultrasound echoes. <i>Disability and Rehabilitation: Assistive Technology</i> , 2011, 6, 500-510.	1.3	5
18	A real-time computational model for estimating kinematics of ankle ligaments. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016, 19, 835-844.	0.9	5

#	ARTICLE	IF	CITATIONS
19	Matuto, Magbasa, Maglaro: Learning to read braille through play. <i>Assistive Technology</i> , 2021, 33, 246-254.	1.2	5
20	Toward Robot-Assisted Diagnosis of Developmental Coordination Disorder. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 346-350.	3.3	5
21	Direct assessment of emotional well-being from children with severe motor and communication impairment: a systematic review. <i>Disability and Rehabilitation: Assistive Technology</i> , 2022, 17, 501-514.	1.3	5
22	A novel assessment technique for measuring ankle orientation and stiffness. <i>Journal of Biomechanics</i> , 2015, 48, 3527-3529.	0.9	4
23	Expansion cursor. , 2016, , .		4
24	Co-designing: Working with Braille Users in the Design of a Device to Teach Braille. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 798-807.	0.5	4
25	Effectiveness of technology for braille literacy education for children: a systematic review. <i>Disability and Rehabilitation: Assistive Technology</i> , 2024, 19, 120-130.	1.3	4
26	Differentiating Motor Coordination and Position Sense in Children with Cerebral Palsy and Typically Developing Populations Through Robotic Assessments*. , 2020, 2020, 3654-3657.		3
27	Repeatability of Eye-Hand Movement Onset Asynchrony Measurements and Cerebral Palsy. , 2015, , .		2
28	How Can Adding a Movement Improve Target Acquisition Efficacy?. <i>Lecture Notes in Computer Science</i> , 2017, , 496-514.	1.0	2
29	Differentiating Motor Coordination in Children with Cerebral Palsy and Typically Developing Populations Through Exploratory Factor Analysis of Robotic Assessments. , 2021, 2021, 5936-5939.		2
30	The effect of surface electromyography placement on muscle activation amplitudes and timing. , 2016, , .		1
31	On the road again! Tricycle adaptation with the design of a universal rig. <i>Assistive Technology</i> , 2023, 35, 56-63.	1.2	1
32	Where did that sound come from? Comparing the ability to localise using audification and audition. <i>Disability and Rehabilitation: Assistive Technology</i> , 2012, 7, 130-138.	1.3	0