

Ching-Hsiang Shih

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,163
citations

361045

20
h-index

454577

30
g-index

60
all docs

60
docs citations

60
times ranked

351
citing authors

#	ARTICLE	IF	CITATIONS
1	Assisting people with multiple disabilities actively correct abnormal standing posture with a Nintendo Wii Balance Board through controlling environmental stimulation. <i>Research in Developmental Disabilities</i> , 2010, 31, 936-942.	1.2	77
2	A limb action detector enabling people with multiple disabilities to control environmental stimulation through limb action with a Nintendo Wii Remote Controller. <i>Research in Developmental Disabilities</i> , 2010, 31, 1047-1053.	1.2	59
3	A new limb movement detector enabling people with multiple disabilities to control environmental stimulation through limb swing with a gyration air mouse. <i>Research in Developmental Disabilities</i> , 2010, 31, 875-880.	1.2	55
4	A new standing posture detector to enable people with multiple disabilities to control environmental stimulation by changing their standing posture through a commercial Wii Balance Board. <i>Research in Developmental Disabilities</i> , 2010, 31, 281-286.	1.2	53
5	Assisting people with multiple disabilities and minimal motor behavior to control environmental stimulation through a mouse wheel. <i>Research in Developmental Disabilities</i> , 2009, 30, 1413-1419.	1.2	48
6	Assisting Two Children with Multiple Disabilities and Minimal Motor Skills Control Environmental Stimuli with Thumb Poke Through a Trackball. <i>Behavioural and Cognitive Psychotherapy</i> , 2010, 38, 211-219.	0.9	48
7	A new movement detector to enable people with multiple disabilities to control environmental stimulation with hand swing through a commercial mouse. <i>Research in Developmental Disabilities</i> , 2009, 30, 1196-1202.	1.2	43
8	Assisting people with multiple disabilities by actively keeping the head in an upright position with a Nintendo Wii Remote Controller through the control of an environmental stimulation. <i>Research in Developmental Disabilities</i> , 2011, 32, 2005-2010.	1.2	41
9	Assisting people with attention deficit hyperactivity disorder by actively reducing limb hyperactive behavior with a gyration air mouse through a controlled environmental stimulation. <i>Research in Developmental Disabilities</i> , 2011, 32, 30-36.	1.2	36
10	Assisting people with disabilities in actively performing physical activities by controlling the preferred environmental stimulation with a gyration air mouse. <i>Research in Developmental Disabilities</i> , 2013, 34, 4328-4333.	1.2	33
11	Assisting people with multiple disabilities to use computers with multiple mice. <i>Research in Developmental Disabilities</i> , 2009, 30, 746-754.	1.2	31
12	A standing location detector enabling people with developmental disabilities to control environmental stimulation through simple physical activities with Nintendo Wii Balance Boards. <i>Research in Developmental Disabilities</i> , 2011, 32, 699-704.	1.2	31
13	Assisting children with Attention Deficit Hyperactivity Disorder actively reduces limb hyperactive behavior with a Nintendo Wii Remote Controller through controlling environmental stimulation. <i>Research in Developmental Disabilities</i> , 2011, 32, 1631-1637.	1.2	27
14	Improving the occupational skills of students with intellectual disability by applying video prompting combined with dance pads. <i>Journal of Applied Research in Intellectual Disabilities</i> , 2018, 31, 114-119.	1.3	25
15	Assisting people with developmental disabilities to improve pointing efficiency with an Automatic Pointing Assistive Program. <i>Research in Developmental Disabilities</i> , 2009, 30, 1212-1220.	1.2	24
16	An automatic Drag-and-Drop assistive program developed to assistive people with developmental disabilities to improve Drag-and-Drop efficiency. <i>Research in Developmental Disabilities</i> , 2010, 31, 416-425.	1.2	24
17	Enabling people with developmental disabilities to actively follow simple instructions and perform designated physical activities according to simple instructions with Nintendo Wii Balance Boards by controlling environmental stimulation. <i>Research in Developmental Disabilities</i> , 2011, 32, 2780-2784.	1.2	24
18	Assisting people with developmental disabilities to improve computer pointing efficiency through Multiple Mice and Automatic Pointing Assistive Programs. <i>Research in Developmental Disabilities</i> , 2011, 32, 1736-1744.	1.2	21

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19	Assisting people with disabilities to actively improve their collaborative physical activities with Nintendo Wii Balance Boards by controlling environmental stimulation. <i>Research in Developmental Disabilities</i> , 2012, 33, 39-44.	1.2	21
20	Development of a computer input system for people with disabilities using a commercial mouse and switches. <i>Disability and Rehabilitation: Assistive Technology</i> , 2009, 4, 414-421.	1.3	20
21	Assisting people with multiple disabilities and minimal motor behavior to improve computer pointing efficiency through a mouse wheel. <i>Research in Developmental Disabilities</i> , 2009, 30, 1378-1387.	1.2	20
22	Using an Extended Automatic Target Acquisition Program with dual cursor technology to assist people with developmental disabilities improve their pointing efficiency. <i>Research in Developmental Disabilities</i> , 2010, 31, 1091-1101.	1.2	20
23	A wireless object location detector enabling people with developmental disabilities to control environmental stimulation through simple occupational activities with Nintendo Wii Balance Boards. <i>Research in Developmental Disabilities</i> , 2012, 33, 983-989.	1.2	19
24	Assisting people with multiple disabilities improve their computer-pointing efficiency with hand swing through a standard mouse. <i>Research in Developmental Disabilities</i> , 2010, 31, 517-524.	1.2	18
25	Development of an integrated pointing device driver for the disabled. <i>Disability and Rehabilitation: Assistive Technology</i> , 2010, 5, 1-8.	1.3	18
26	Assisting people with developmental disabilities to improve pointing efficiency with a Dual Cursor Automatic Pointing Assistive Program. <i>Research in Developmental Disabilities</i> , 2010, 31, 151-159.	1.2	17
27	Extended Automatic Pointing Assistive Program—A pointing assistance program to help people with developmental disabilities improve their pointing efficiency. <i>Research in Developmental Disabilities</i> , 2010, 31, 672-679.	1.2	17
28	Assisting obese students with intellectual disabilities to actively perform the activity of walking in place using a dance pad to control their preferred environmental stimulation. <i>Research in Developmental Disabilities</i> , 2014, 35, 2394-2402.	1.2	17
29	An object location detector enabling people with developmental disabilities to control environmental stimulation through simple occupational activities with battery-free wireless mice. <i>Research in Developmental Disabilities</i> , 2011, 32, 818-823.	1.2	16
30	Assisting people with developmental disabilities improve their collaborative pointing efficiency with a Multiple Cursor Automatic Pointing Assistive Program. <i>Research in Developmental Disabilities</i> , 2010, 31, 600-607.	1.2	15
31	Assisting people with multiple disabilities and minimal motor behavior to improve computer Drag-and-Drop efficiency through a mouse wheel. <i>Research in Developmental Disabilities</i> , 2011, 32, 2867-2874.	1.2	15
32	A three-dimensional object orientation detector assisting people with developmental disabilities to control their environmental stimulation through simple occupational activities with a Nintendo Wii Remote Controller. <i>Research in Developmental Disabilities</i> , 2012, 33, 484-489.	1.2	15
33	Assisting children with Attention Deficit Hyperactivity Disorder to reduce the hyperactive behavior of arbitrary standing in class with a Nintendo Wii Remote Controller through an active reminder and preferred reward stimulation. <i>Research in Developmental Disabilities</i> , 2014, 35, 2069-2076.	1.2	15
34	Assisting patients with disabilities to actively perform occupational activities using battery-free wireless mice to control environmental stimulation. <i>Research in Developmental Disabilities</i> , 2012, 33, 2221-2227.	1.2	13
35	Using an Extended Automatic Target Acquisition Program with Dual Cursor technology to assist people with developmental disabilities in improving their pointing efficiency. <i>Research in Developmental Disabilities</i> , 2011, 32, 1506-1513.	1.2	12
36	Assisting people with multiple disabilities improve their computer pointing efficiency with thumb poke through a standard trackball. <i>Research in Developmental Disabilities</i> , 2010, 31, 1615-1622.	1.2	11

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37	An adaptive dynamic pointing assistance program to help people with multiple disabilities improve their computer pointing efficiency with hand swing through a standard mouse. <i>Research in Developmental Disabilities</i> , 2010, 31, 1515-1524.	1.2	11
38	Enabling people with developmental disabilities to actively follow simple instructions and perform designated occupational activities according to simple instructions with Battery-free wireless mice by controlling environmental stimulation. <i>Research in Developmental Disabilities</i> , 2012, 33, 2013-2019.	1.2	11
39	Encouraging obese students with intellectual disabilities to engage in pedaling an exercise bike by using an air mouse combined with preferred environmental stimulation. <i>Research in Developmental Disabilities</i> , 2014, 35, 3292-3298.	1.2	11
40	Assisting people with disabilities improves their collaborative pointing efficiency with a Multiple Cursor Dynamic Pointing Assistive Program. <i>Research in Developmental Disabilities</i> , 2010, 31, 1251-1257.	1.2	10
41	Assisting people with multiple disabilities by improving their computer pointing efficiency with an Automatic Target Acquisition Program. <i>Research in Developmental Disabilities</i> , 2011, 32, 194-200.	1.2	10
42	Assisting people with disabilities in actively performing designated occupational activities with battery-free wireless mice to control environmental stimulation. <i>Research in Developmental Disabilities</i> , 2013, 34, 1521-1527.	1.2	9
43	Encouraging overweight students with intellectual disability to actively perform walking activity using an air mouse combined with preferred stimulation. <i>Research in Developmental Disabilities</i> , 2016, 55, 37-43.	1.2	9
44	Enabling people with developmental disabilities to actively perform designated occupational activities according to simple instructions with a Nintendo Wii Remote Controller by controlling environmental stimulation. <i>Research in Developmental Disabilities</i> , 2012, 33, 1194-1199.	1.2	8
45	Assisting people with disabilities improves their collaborative pointing efficiency through the use of the mouse scroll wheel. <i>Research in Developmental Disabilities</i> , 2013, 34, 1-10.	1.2	8
46	Assisting students with autism to actively perform collaborative walking activity with their peers using dance pads combined with preferred environmental stimulation. <i>Research in Autism Spectrum Disorders</i> , 2014, 8, 1591-1596.	0.8	8
47	Assisting people with multiple disabilities to improve computer typing efficiency through a mouse wheel and On-Screen Keyboard software. <i>Research in Developmental Disabilities</i> , 2014, 35, 2129-2136.	1.2	8
48	Teaching two teenagers with autism spectrum disorders to request the continuation of video playback using a touchscreen computer with the function of automatic response to requests. <i>Research in Autism Spectrum Disorders</i> , 2014, 8, 1055-1061.	0.8	7
49	Improving fine motor activities of people with disabilities by using the response-stimulation strategy with a standard keyboard. <i>Research in Developmental Disabilities</i> , 2014, 35, 1863-1867.	1.2	7
50	Evaluation of automatic pointing assistive function effect in cursor-positioning task for people with disabilities. <i>Disability and Rehabilitation: Assistive Technology</i> , 2011, 6, 115-122.	1.3	6
51	Development of a computer assistive input device through a commercial numerical keyboard by position coding technology for people with disabilities. <i>Disability and Rehabilitation: Assistive Technology</i> , 2011, 6, 169-175.	1.3	6
52	A finger-pressing position detector for assisting people with developmental disabilities to control their environmental stimulation through fine motor activities with a standard keyboard. <i>Research in Developmental Disabilities</i> , 2012, 33, 1360-1365.	1.2	6
53	Assisting students with autism to cooperate with their peers to perform computer mouse collaborative pointing operation on a single display simultaneously. <i>Research in Autism Spectrum Disorders</i> , 2015, 10, 15-21.	0.8	5
54	Using an Extended Dynamic Drag-and-Drop Assistive Program to assist people with multiple disabilities and minimal motor control to improve computer Drag-and-Drop ability through a mouse wheel. <i>Research in Developmental Disabilities</i> , 2012, 33, 621-629.	1.2	4

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55	Evaluation of a dynamic pointing assistive program in cursor pointing efficiency for people with disabilities. <i>Technology and Disability</i> , 2011, 23, 215-222.	0.3	3
56	Encouraging overweight students with intellectual disability to engage in walking/running by using a dance pad combined with a LEGO® Train. <i>International Journal of Disability Development and Education</i> , 2022, 69, 1919-1928.	0.6	2
57	Development of a computer assistive input device using Screen-Partitioning and mousekeys method for people with disabilities. , 2011, , .		1
58	Applying a Vibration Reminder to Ameliorate the Hyperactive Behavior of Students with Attention Deficit Hyperactivity Disorder in Class. <i>Journal of Developmental and Physical Disabilities</i> , 2018, 30, 835-844.	1.0	1
59	Applying Computer Technology to Teach Children with Autism Spectrum Disorder to Initiate Requests for Assistance. <i>International Journal of Disability Development and Education</i> , 2021, 68, 151-159.	0.6	1