Rosalie H Wang

List of Publications by Year
in descending order

29 papers	685 citations	687363 13 h-index	610901 24 g-index
32 all docs	32 docs citations	32 times ranked	852 citing authors

#	Article	IF	Citations
1	Robots to assist daily activities: views of older adults with Alzheimer's disease and their caregivers. International Psychogeriatrics, 2017, 29, 67-79.	1.0	124
2	A comprehensive approach to reablement in dementia. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2017, 3, 450-458.	3.7	68
3	Speech Interaction with Personal Assistive Robots Supporting Aging at Home for Individuals with Alzheimerâ€™s Disease. ACM Transactions on Accessible Computing, 2015, 7, 1-22.	2.4	52
4	Hand Extension Robot Orthosis (HERO) Glove: Development and Testing With Stroke Survivors With Severe Hand Impairment. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 916-926.	4.9	45
5	Evaluation of an intelligent wheelchair system for older adults with cognitive impairments. Journal of NeuroEngineering and Rehabilitation, 2013, 10, 90.	4.6	39
6	Hand Extension Robot Orthosis (HERO) Grip Glove: enabling independence amongst persons with severe hand impairments after stroke. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 33.	4.6	35
7	Intelligent wheelchair control strategies for older adults with cognitive impairment: user attitudes, needs, and preferences. Autonomous Robots, 2017, 41, 539-554.	4.8	31
8	Usability testing of multimodal feedback interface and simulated collision-avoidance power wheelchair for long-term-care home residents with cognitive impairments. Journal of Rehabilitation Research and Development, 2011, 48, 801.	1.6	30
9	Vision-based posture assessment to detect and categorize compensation during robotic rehabilitation therapy. , 2012, , .		28
10	Power mobility with collision avoidance for older adults: User, caregiver, and prescriber perspectives. Journal of Rehabilitation Research and Development, 2013, 50, 1287-1300.	1.6	25
11	The toronto rehab stroke pose dataset to detect compensation during stroke rehabilitation therapy. , 2017, , .		25
12	Development of a robotic device for upper limb stroke rehabilitation: A user-centered design approach. Paladyn, 2011, 2, 176-184.	2.7	23
13	The Time Is Now: A FASTER Approach to Generate Research Evidence for Technology-Based Interventions in the Field of Disability and Rehabilitation. Archives of Physical Medicine and Rehabilitation, 2021, 102, 1848-1859.	0.9	23
14	Investigating the feasibility and acceptability of real-time visual feedback in reducing compensatory motions during self-administered stroke rehabilitation exercises: A pilot study with chronic stroke survivors. Journal of Rehabilitation and Assistive Technologies Engineering, 2019, 6, 205566831983163.	0.9	19
15	Evaluation of a Contact Sensor Skirt for an Anti-Collision Power Wheelchair for Older Adult Nursing Home Residents With Dementia: Safety and Mobility. Assistive Technology, 2011, 23, 117-134.	2.0	18
16	Myoelectric untethered robotic glove enhances hand function and performance on daily living tasks after stroke. Journal of Rehabilitation and Assistive Technologies Engineering, 2020, 7, 205566832096405.	0.9	15
17	Identifying Hand Use and Hand Roles After Stroke Using Egocentric Video. IEEE Journal of Translational Engineering in Health and Medicine, 2021, 9, 1-10.	3.7	13
18	Enhancing Equitable Access to Assistive Technologies in Canada: Insights from Citizens and Stakeholders. Canadian Journal on Aging, 2020, 39, 69-88.	1.1	12

#	Article	IF	Citations
19	Power Mobility for a Nursing Home Resident With Dementia. American Journal of Occupational Therapy, 2009, 63, 765-771.	0.3	11
20	The experiences of using an anti-collision power wheelchair for three long-term care home residents with mild cognitive impairment. Disability and Rehabilitation: Assistive Technology, 2011, 6, 347-363.	2.2	10
21	Intelligent power wheelchair use in long-term care: potential usersâ€™ experiences and perceptions. Disability and Rehabilitation: Assistive Technology, 2017, 12, 740-746.	2.2	10
22	Policymaker and stakeholder perspectives on access to assistive technologies in Canada: challenges and proposed solutions for enhancing equitable access. Disability and Rehabilitation: Assistive Technology, 2022, 17, 61-73.	2.2	7
23	Capturing Representative Hand Use at Home Using Egocentric Video in Individuals with Upper Limb Impairment. Journal of Visualized Experiments, 2020, , .	0.3	7
24	Blind spot sensor systems for power wheelchairs: obstacle detection accuracy, cognitive task load, and perceived usefulness among older adults. Disability and Rehabilitation: Assistive Technology, 2021, , 1-9.	2.2	5
25	Exploring the poststroke experiences and unmet needs of South Asian communities in high-income countries: a scoping review protocol. BMJ Open, 2022, 12, e059017.	1.9	4
26	Impacts of Motion-Based Technology on Balance, Movement Confidence, and Cognitive Function Among People With Dementia or Mild Cognitive Impairment: Protocol for a Quasi-Experimental Pre- and Posttest Study. JMIR Research Protocols, 2020, 9, e18209.	1.0	2
27	3-Dimensional printing in rehabilitation: feasibility of printing an upper extremity gross motor function assessment tool. BioMedical Engineering OnLine, 2021, 20, 2.	2.7	1
28	Access and use of information technology by persons with cognitive disabilities: Perspectives of older adults and their caregivers. , 2019, , .		0
29	Preliminary evaluation of the reliability and validity of the 3D printed Toronto Rehabilitation Institute-Hand Function Test in individuals with spinal cord injury. Journal of Spinal Cord Medicine, 2021, 44, S225-S233.	1.4	0