

Rosalie H Wang

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

685
citations

687363

13
h-index

610901

24
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32
all docs

32
docs citations

32
times ranked

852
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Policymaker and stakeholder perspectives on access to assistive technologies in Canada: challenges and proposed solutions for enhancing equitable access. <i>Disability and Rehabilitation: Assistive Technology</i> , 2022, 17, 61-73. | 2.2 | 7 |
| 2 | Exploring the poststroke experiences and unmet needs of South Asian communities in high-income countries: a scoping review protocol. <i>BMJ Open</i> , 2022, 12, e059017. | 1.9 | 4 |
| 3 | 3-Dimensional printing in rehabilitation: feasibility of printing an upper extremity gross motor function assessment tool. <i>BioMedical Engineering OnLine</i> , 2021, 20, 2. | 2.7 | 1 |
| 4 | Identifying Hand Use and Hand Roles After Stroke Using Egocentric Video. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2021, 9, 1-10. | 3.7 | 13 |
| 5 | The Time Is Now: A FASTER Approach to Generate Research Evidence for Technology-Based Interventions in the Field of Disability and Rehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, 1848-1859. | 0.9 | 23 |
| 6 | Blind spot sensor systems for power wheelchairs: obstacle detection accuracy, cognitive task load, and perceived usefulness among older adults. <i>Disability and Rehabilitation: Assistive Technology</i> , 2021, 1-9. | 2.2 | 5 |
| 7 | Preliminary evaluation of the reliability and validity of the 3D printed Toronto Rehabilitation Institute-Hand Function Test in individuals with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2021, 44, S225-S233. | 1.4 | 0 |
| 8 | Enhancing Equitable Access to Assistive Technologies in Canada: Insights from Citizens and Stakeholders. <i>Canadian Journal on Aging</i> , 2020, 39, 69-88. | 1.1 | 12 |
| 9 | Hand Extension Robot Orthosis (HERO) Grip Glove: enabling independence amongst persons with severe hand impairments after stroke. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 33. | 4.6 | 35 |
| 10 | Myoelectric untethered robotic glove enhances hand function and performance on daily living tasks after stroke. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2020, 7, 205566832096405. | 0.9 | 15 |
| 11 | Capturing Representative Hand Use at Home Using Egocentric Video in Individuals with Upper Limb Impairment. <i>Journal of Visualized Experiments</i> , 2020, , . | 0.3 | 7 |
| 12 | 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. <i>JMIR Research Protocols</i> , 2020, 9, e18209. | 1.0 | 2 |
| 13 | Hand Extension Robot Orthosis (HERO) Glove: Development and Testing With Stroke Survivors With Severe Hand Impairment. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 916-926. | 4.9 | 45 |
| 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. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2019, 6, 205566831983163. | 0.9 | 19 |
| 15 | Access and use of information technology by persons with cognitive disabilities: Perspectives of older adults and their caregivers. , 2019, , . | | 0 |
| 16 | Intelligent wheelchair control strategies for older adults with cognitive impairment: user attitudes, needs, and preferences. <i>Autonomous Robots</i> , 2017, 41, 539-554. | 4.8 | 31 |
| 17 | Intelligent power wheelchair use in long-term care: potential users'™ experiences and perceptions. <i>Disability and Rehabilitation: Assistive Technology</i> , 2017, 12, 740-746. | 2.2 | 10 |
| 18 | Robots to assist daily activities: views of older adults with Alzheimer's disease and their caregivers. <i>International Psychogeriatrics</i> , 2017, 29, 67-79. | 1.0 | 124 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A comprehensive approach to reablement in dementia. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 450-458. | 3.7 | 68 |
| 20 | The toronto rehab stroke pose dataset to detect compensation during stroke rehabilitation therapy. , 2017, , . | | 25 |
| 21 | Speech Interaction with Personal Assistive Robots Supporting Aging at Home for Individuals with Alzheimer's Disease. <i>ACM Transactions on Accessible Computing</i> , 2015, 7, 1-22. | 2.4 | 52 |
| 22 | Evaluation of an intelligent wheelchair system for older adults with cognitive impairments. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2013, 10, 90. | 4.6 | 39 |
| 23 | Power mobility with collision avoidance for older adults: User, caregiver, and prescriber perspectives. <i>Journal of Rehabilitation Research and Development</i> , 2013, 50, 1287-1300. | 1.6 | 25 |
| 24 | Vision-based posture assessment to detect and categorize compensation during robotic rehabilitation therapy. , 2012, , . | | 28 |
| 25 | Evaluation of a Contact Sensor Skirt for an Anti-Collision Power Wheelchair for Older Adult Nursing Home Residents With Dementia: Safety and Mobility. <i>Assistive Technology</i> , 2011, 23, 117-134. | 2.0 | 18 |
| 26 | Development of a robotic device for upper limb stroke rehabilitation: A user-centered design approach. <i>Paladyn</i> , 2011, 2, 176-184. | 2.7 | 23 |
| 27 | The experiences of using an anti-collision power wheelchair for three long-term care home residents with mild cognitive impairment. <i>Disability and Rehabilitation: Assistive Technology</i> , 2011, 6, 347-363. | 2.2 | 10 |
| 28 | Usability testing of multimodal feedback interface and simulated collision-avoidance power wheelchair for long-term-care home residents with cognitive impairments. <i>Journal of Rehabilitation Research and Development</i> , 2011, 48, 801. | 1.6 | 30 |
| 29 | Power Mobility for a Nursing Home Resident With Dementia. <i>American Journal of Occupational Therapy</i> , 2009, 63, 765-771. | 0.3 | 11 |