

# Johanne Higgins

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,813  
citations

516710

16  
h-index

276875

41  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2308  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disablement following stroke. <i>Disability and Rehabilitation</i> , 1999, 21, 258-268.	1.8	438
2	Responsiveness and predictability of gait speed and other disability measures in acute stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2001, 82, 1204-1212.	0.9	356
3	Is neuroplasticity in the central nervous system the missing link to our understanding of chronic musculoskeletal disorders?. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 25.	1.9	133
4	The Stroke Rehabilitation Assessment of Movement (STREAM): A Comparison With Other Measures Used to Evaluate Effects of Stroke and Rehabilitation. <i>Physical Therapy</i> , 2003, 83, 617-630.	2.4	80
5	The effect of a task-oriented intervention on arm function in people with stroke: a randomized controlled trial. <i>Clinical Rehabilitation</i> , 2006, 20, 296-310.	2.2	72
6	Upper-limb function and recovery in the acute phase poststroke. <i>Journal of Rehabilitation Research and Development</i> , 2005, 42, 65.	1.6	66
7	Feasibility, Safety and Efficacy of a Virtual Reality Exergame System to Supplement Upper Extremity Rehabilitation Post-Stroke: A Pilot Randomized Clinical Trial and Proof of Principle. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 113.	2.6	60
8	Psychometric evaluation of the Disabilities of the Arm, Shoulder and Hand (DASH) with Dupuytren's contracture: validity evidence using Rasch modeling. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 361.	1.9	49
9	Maximizing post-stroke upper limb rehabilitation using a novel telerehabilitation interactive virtual reality system in the patient's home: study protocol of a randomized clinical trial. <i>Contemporary Clinical Trials</i> , 2016, 47, 49-53.	1.8	48
10	A better screening tool for HIV-associated neurocognitive disorders. <i>Aids</i> , 2015, 29, 895-902.	2.2	41
11	Addressing Neuroplastic Changes in Distributed Areas of the Nervous System Associated With Chronic Musculoskeletal Disorders. <i>Physical Therapy</i> , 2015, 95, 1582-1591.	2.4	41
12	Combining rTMS and Task-Oriented Training in the Rehabilitation of the Arm after Stroke: A Pilot Randomized Controlled Trial. <i>Stroke Research and Treatment</i> , 2013, 2013, 1-8.	0.8	40
13	Comparison of generic patient-reported outcome measures used with upper extremity musculoskeletal disorders: Linking process using the International Classification of Functioning, Disability, and Health (ICF). <i>Journal of Rehabilitation Medicine</i> , 2014, 46, 327-334.	1.1	29
14	Transcranial direct current stimulation over multiple days enhances motor performance of a grip task. <i>Annals of Physical and Rehabilitation Medicine</i> , 2017, 60, 329-333.	2.3	27
15	Review of the effects of soft robotic gloves for activity-based rehabilitation in individuals with reduced hand function and manual dexterity following a neurological event. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2020, 7, 205566832091813.	0.9	27
16	Optimization of Upper Extremity Rehabilitation by Combining Telerehabilitation With an Exergame in People With Chronic Stroke: Protocol for a Mixed Methods Study. <i>JMIR Research Protocols</i> , 2020, 9, e14629.	1.0	20
17	A Personalized Home-Based Rehabilitation Program Using Exergames Combined With a Telerehabilitation App in a Chronic Stroke Survivor: Mixed Methods Case Study. <i>JMIR Serious Games</i> , 2021, 9, e26153.	3.1	18
18	Laterality recognition of images, motor performance, and aspects related to pain in participants with and without wrist/hand disorders: An observational cross-sectional study. <i>Musculoskeletal Science and Practice</i> , 2018, 35, 18-24.	1.3	16

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19	Nociception, pain, neuroplasticity and the practice of Osteopathic Manipulative Medicine. <i>International Journal of Osteopathic Medicine</i> , 2018, 27, 34-44.	1.0	16
20	Determining Pressure Injury Risk on Admission to Inpatient Spinal Cord Injury Rehabilitation: A Comparison of the FIM, Spinal Cord Injury Pressure Ulcer Scale, and Braden Scale. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, 1881-1887.	0.9	15
21	How have research questions and methods used in clinical trials published in <i>Clinical Rehabilitation</i> changed over the last 30 years?. <i>Clinical Rehabilitation</i> , 2016, 30, 847-864.	2.2	14
22	A Measure of Physical Functioning to Define Stroke Recovery at 3 Months: Preliminary Results. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009, 90, 1584-1595.	0.9	13
23	Manual action verbs modulate the grip force of each hand in unimanual or symmetrical bimanual tasks. <i>PLoS ONE</i> , 2018, 13, e0192320.	2.5	12
24	Development of a method for quantifying cognitive ability in the elderly through adaptive test administration. <i>International Psychogeriatrics</i> , 2011, 23, 1116-1123.	1.0	11
25	Psychometric Properties of the Spinal Cord Injury Pressure Ulcer Scale (SCIPUS) for Pressure Ulcer Risk Assessment During Inpatient Rehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, 1980-1985.	0.9	11
26	Left Right Judgement Task and Sensory, Motor, and Cognitive Assessment in Participants with Wrist/Hand Pain. <i>Rehabilitation Research and Practice</i> , 2018, 2018, 1-13.	0.6	10
27	Multimodal Interventions Including Rehabilitation Exercise for Older Adults With Chronic Musculoskeletal Pain: A Systematic Review and Meta-analyses of Randomized Controlled Trials. <i>Journal of Geriatric Physical Therapy</i> , 2022, 45, 34-49.	1.1	10
28	Application of Rasch analysis to the parent adherence report questionnaire in juvenile idiopathic arthritis. <i>Pediatric Rheumatology</i> , 2016, 14, 45.	2.1	9
29	A measure of early physical functioning (EPF) post-stroke. <i>Journal of Rehabilitation Medicine</i> , 2008, 40, 508-517.	1.1	8
30	Development and initial psychometric evaluation of an item bank created to measure upper extremity function in persons with stroke. <i>Journal of Rehabilitation Medicine</i> , 2010, 42, 170-178.	1.1	8
31	Repeatability and Minimal Detectable Change in Longitudinal Median Nerve Excursion Measures During Upper Limb Neurodynamic Techniques in a Mixed Population: A Pilot Study Using Musculoskeletal Ultrasound Imaging. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 2082-2086.	1.5	8
32	Occupational therapists'™ evaluation of the perceived usability and utility of wearable soft robotic exoskeleton gloves for hand function rehabilitation following a stroke. <i>Disability and Rehabilitation: Assistive Technology</i> , 2023, 18, 953-962.	2.2	8
33	Bringing patient advisors to the bedside: a promising avenue for improving partnership between patients and their care team. <i>Patient Experience Journal</i> , 2015, 2, 16-22.	0.7	7
34	The relationship of corticospinal excitability with pain, motor performance and disability in subjects with chronic wrist/hand pain. <i>Journal of Electromyography and Kinesiology</i> , 2017, 34, 65-71.	1.7	6
35	Bilateral sensory and motor as well as cognitive differences between persons with and without musculoskeletal disorders of the wrist and hand.. <i>Musculoskeletal Science and Practice</i> , 2019, 44, 102058.	1.3	6
36	Effects of a preoperative neuromobilization program offered to individuals with carpal tunnel syndrome awaiting carpal tunnel decompression surgery: A pilot randomized controlled study. <i>Journal of Hand Therapy</i> , 2021, 34, 37-46.	1.5	6

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37	Reliability and minimal detectable change of the mini-BESTest in adults with spinal cord injury in a rehabilitation setting. <i>Physiotherapy Theory and Practice</i> , 2021, 37, 126-134.	1.3	6
38	Rehabilitation of Upper Extremity by Telerehabilitation Combined With Exergames in Survivors of Chronic Stroke: Preliminary Findings From a Feasibility Clinical Trial. <i>JMIR Rehabilitation and Assistive Technologies</i> , 2022, 9, e33745.	2.2	6
39	Contribution of patientâ€™advisors during rehabilitation for replantation of digits improves patient-reported functional outcomes: A presentation of concept. <i>Hand Surgery and Rehabilitation</i> , 2018, 37, 212-217.	0.4	5
40	Pain interference may be an important link between pain severity, impairment, and self-reported disability in participants with wrist/hand pain. <i>Journal of Hand Therapy</i> , 2020, 33, 562-570.e1.	1.5	5
41	Brain stimulation in attention deficits after traumatic brain injury: a literature review and feasibility study. <i>Pilot and Feasibility Studies</i> , 2021, 7, 115.	1.2	5
42	Somesthetic, Visual, and Auditory Feedback and Their Interactions Applied to Upper Limb Neurorehabilitation Technology: A Narrative Review to Facilitate Contextualization of Knowledge. <i>Frontiers in Rehabilitation Sciences</i> , 2022, 3, .	1.2	5
43	Development of a measure of functioning for stroke recovery: The functional recovery measure. <i>Disability and Rehabilitation</i> , 2008, 30, 577-592.	1.8	4
44	The Spinal Cord Injury Pressure Ulcer Scale (SCIPUS): an assessment of validity using Rasch analysis. <i>Spinal Cord</i> , 2019, 57, 874-880.	1.9	4
45	Contributions of the Left and the Right Hemispheres on Language-Induced Grip Force Modulation of the Left Hand in Unimanual Tasks. <i>Medicina (Lithuania)</i> , 2019, 55, 674.	2.0	4
46	Peripheral and Central Adaptations After a Median Nerve Neuromobilization Program Completed by Individuals With Carpal Tunnel Syndrome: An Exploratory Mechanistic Study Using Musculoskeletal Ultrasound Imaging and Transcranial Magnetic Stimulation. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2020, 43, 566-578.	0.9	4
47	Cost Analysis of a Home-Based Virtual Reality Rehabilitation to Improve Upper Limb Function in Stroke Survivors. <i>Global Journal of Health Science</i> , 2020, 12, 98.	0.2	4
48	Rehabilitation Supported by Technology: Protocol for an International Cocreation and User Experience Study. <i>JMIR Research Protocols</i> , 2022, 11, e34537.	1.0	4
49	Postural organization and inter-limb coordination are altered after stroke when an isometric maximum bilateral pushing effort of the upper limbs is performed. <i>Clinical Biomechanics</i> , 2021, 86, 105388.	1.2	3
50	Development and initial psychometric evaluation of the Stroke Arm Ladder â€™ a measure of upper extremity function post stroke*. <i>Clinical Rehabilitation</i> , 2011, 25, 740-759.	2.2	2
51	Going beyond Activity and Participation: Development of the DIF-CHUMâ€™A patient-reported outcome measure for individuals with Dupuytren's contracture. <i>Journal of Hand Therapy</i> , 2020, 33, 305-313.	1.5	2
52	Complex behavioral interventions targeting physical activity and dietary behaviors in pediatric oncology: A scoping review. <i>Pediatric Blood and Cancer</i> , 2021, 68, e29090.	1.5	2
53	Bilateral motor coordination during upper limb symmetric pushing movements at two levels of force resistance in healthy and post-stroke individuals. <i>Human Movement Science</i> , 2022, 81, 102913.	1.4	2
54	Comparison of longitudinal excursion of a nerve-phantom model using quantitative ultrasound imaging and motion analysis system methods: A convergent validity study. <i>Ultrasound</i> , 2017, 25, 143-149.	0.7	1

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55	Remote rehabilitation training using the combination of an exergame and telerehabilitation application: A case report of an elderly chronic stroke survivor. , 2019, , .		1
56	Sexuality in Occupational Therapy: A Call to Action. British Journal of Occupational Therapy, 2022, 85, 627-628.	0.9	1
57	Effects of Excitatory Repetitive Transcranial Magnetic Stimulation of the P3 Point in Chronic Stroke Patientsâ€™ Case Reports. Brain Sciences, 2018, 8, 78.	2.3	0