

# Joon-Ho Shin

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,185  
citations

567281

15  
h-index

414414

32  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1479  
citing authors

#	ARTICLE	IF	CITATIONS
1	A task-specific interactive game-based virtual reality rehabilitation system for patients with stroke: a usability test and two clinical experiments. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 32.	4.6	156
2	Effects of virtual reality-based rehabilitation on distal upper extremity function and health-related quality of life: a single-blinded, randomized controlled trial. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2016, 13, 17.	4.6	142
3	Effects of game-based virtual reality on health-related quality of life in chronic stroke patients: A randomized, controlled study. <i>Computers in Biology and Medicine</i> , 2015, 63, 92-98.	7.0	97
4	Effects of transcranial direct current stimulation (tDCS) on post-stroke dysphagia. <i>Restorative Neurology and Neuroscience</i> , 2012, 30, 303-311.	0.7	96
5	Comparisons between end-effector and exoskeleton rehabilitation robots regarding upper extremity function among chronic stroke patients with moderate-to-severe upper limb impairment. <i>Scientific Reports</i> , 2020, 10, 1806.	3.3	79
6	Dementia Epidemiology Fact Sheet 2022. <i>Annals of Rehabilitation Medicine</i> , 2022, 46, 53-59.	1.6	56
7	Relationship Among Fear of Falling, Physical Performance, and Physical Characteristics of the Rural Elderly. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014, 93, 379-386.	1.4	51
8	Effects of virtual reality-based planar motion exercises on upper extremity function, range of motion, and health-related quality of life: a multicenter, single-blinded, randomized, controlled pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 122.	4.6	45
9	Robot-assisted gait training for balance and lower extremity function in patients with infratentorial stroke: a single-blinded randomized controlled trial. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 99.	4.6	39
10	Virtual Reality Rehabilitation With Functional Electrical Stimulation Improves Upper Extremity Function in Patients With Chronic Stroke: A Pilot Randomized Controlled Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 1447-1453.e1.	0.9	35
11	Gait patterns of chronic ambulatory hemiplegic elderly compared with normal Age-Matched elderly. <i>International Journal of Precision Engineering and Manufacturing</i> , 2015, 16, 385-392.	2.2	34
12	Effect of the Presence of Brain-Derived Neurotrophic Factor Val <sup>66</sup> Met Polymorphism on the Recovery in Patients With Acute Subcortical Stroke. <i>Annals of Rehabilitation Medicine</i> , 2013, 37, 311.	1.6	24
13	Effects of Visual Feedback Distortion on Gait Adaptation: Comparison of Implicit Visual Distortion Versus Conscious Modulation on Retention of Motor Learning. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 2244-2250.	4.2	22
14	Neuroplastic effects of end-effector robotic gait training for hemiparetic stroke: a randomised controlled trial. <i>Scientific Reports</i> , 2020, 10, 12461.	3.3	18
15	Human field of regard, field of view, and attention bias. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 135, 115-123.	4.7	16
16	Urological disturbance and its neuroanatomical correlate in patients with chronic brainstem stroke. <i>Neurourology and Urodynamics</i> , 2017, 36, 136-141.	1.5	15
17	Validity of the Budapest Criteria For Poststroke Complex Regional Pain Syndrome. <i>Clinical Journal of Pain</i> , 2019, 35, 831-835.	1.9	15
18	Alterations in intermuscular coordination underlying isokinetic exercise after a stroke and their implications on neurorehabilitation. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 110.	4.6	15

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19	The role of tactile sensation in online and offline hierarchical control of multi-finger force synergy. <i>Experimental Brain Research</i> , 2015, 233, 2539-2548.	1.5	14
20	Botulinum Toxin A Injection into the Subscapularis Muscle to Treat Intractable Hemiplegic Shoulder Pain. <i>Annals of Rehabilitation Medicine</i> , 2016, 40, 592.	1.6	14
21	Stroke Impact Scale 3.0: Reliability and Validity Evaluation of the Korean Version. <i>Annals of Rehabilitation Medicine</i> , 2017, 41, 387.	1.6	14
22	Botulinum Toxin Injections and Electrical Stimulation for Spastic Paresis Improve Active Hand Function Following Stroke. <i>Toxins</i> , 2018, 10, 426.	3.4	14
23	A comparison of the effects and usability of two exoskeletal robots with and without robotic actuation for upper extremity rehabilitation among patients with stroke: a single-blinded randomised controlled pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 137.	4.6	14
24	FOPR test: a virtual reality-based technique to assess field of perception and field of regard in hemispatial neglect. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 39.	4.6	11
25	The Korean Version of the Fugl-Meyer Assessment: Reliability and Validity Evaluation. <i>Annals of Rehabilitation Medicine</i> , 2021, 45, 83-98.	1.6	11
26	Predicting Clinically Significant Improvement After Robot-Assisted Upper Limb Rehabilitation in Subacute and Chronic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 668923.	2.4	11
27	Effects of bi-axial ankle strengthening on muscle co-contraction during gait in chronic stroke patients: A randomized controlled pilot study. <i>Gait and Posture</i> , 2021, 87, 177-183.	1.4	10
28	Functional and Physical Abilities in the Early Continuum of Cognitive Decline. <i>Dementia and Geriatric Cognitive Disorders</i> , 2015, 39, 41-51.	1.5	9
29	Cognitive-Motor Interference on Upper Extremity Motor Performance in a Robot-Assisted Planar Reaching Task Among Patients With Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 730-737.	0.9	9
30	High Oxygen Exchange to Music Indicates Auditory Distractibility in Acquired Brain Injury: An fNIRS Study with a Vector-Based Phase Analysis. <i>Scientific Reports</i> , 2018, 8, 16737.	3.3	8
31	Factors Affecting Radiation Exposure during Lumbar Epidural Steroid Injection: A Prospective Study in 759 Patients. <i>Korean Journal of Radiology</i> , 2016, 17, 405.	3.4	7
32	Design and Evaluation of a Novel Experimental Setup for Upper Limb Intermuscular Coordination Studies. <i>Frontiers in Neurobotics</i> , 2019, 13, 72.	2.8	7
33	Anatomical Correlates of Neuropsychological Deficits Among Patients With the Cerebellar Stroke. <i>Annals of Rehabilitation Medicine</i> , 2017, 41, 924.	1.6	7
34	Intra-Auditory Integration Improves Motor Performance and Synergy in an Accurate Multi-Finger Pressing Task. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 260.	2.0	6
35	Evaluation of Finger Force Control Ability in Terms of Multi-Finger Synergy. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 1253-1262.	4.9	5
36	Patterns of enhancement in paretic shoulder kinematics after stroke with musical cueing. <i>Scientific Reports</i> , 2020, 10, 18109.	3.3	5

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37	Effect of Ultrasonography-Guided Botulinum Toxin Type A Injection in Holmes' Tremor Secondary to Pontine Hemorrhage: Case Report. <i>Annals of Rehabilitation Medicine</i> , 2014, 38, 694.	1.6	5
38	Korean Version of the Stroke Rehabilitation Motivation Scale: Reliability and Validity Evaluation. <i>Annals of Rehabilitation Medicine</i> , 2020, 44, 11-19.	1.6	5
39	Examining impairment of adaptive compensation for stabilizing motor repetitions in stroke survivors. <i>Experimental Brain Research</i> , 2017, 235, 3543-3552.	1.5	4
40	Dual task interference while walking in chronic stroke survivors. <i>Physical Therapy Rehabilitation Science</i> , 2017, 6, 134-139.	0.3	4
41	Paroxysmal Autonomic Instability With Dystonia Managed Using Chemodenervation Including Alcohol Neurolysis and Botulinum Toxin Type A Injection: A Case Report. <i>Annals of Rehabilitation Medicine</i> , 2015, 39, 308.	1.6	4
42	Usability testing of smart mobile walker: A pilot study. , 2014, , .		3
43	Reaching contralateral target by chronic hemiparetic stroke survivors using active-assisted/active exercise with 2D/3D visual feedback. , 2015, , .		3
44	Rhythmic auditory stimulation for robot-assisted gait rehabilitation: A preliminary study. , 2015, , .		3
45	Kinematic Assessment to Measure Change in Impairment during Active and Active-Assisted Type of Robotic Rehabilitation for Patients with Stroke. <i>Sensors</i> , 2021, 21, 7055.	3.8	3
46	Complex Regional Pain Syndrome Type I after Stroke. <i>Brain &amp; Neurorehabilitation</i> , 2016, 9, 1.	1.0	2
47	Subjective Memory Complaints and Sensitivity of the Subjective Memory Complaint Questionnaire in Post-Stroke Dementia Patients. <i>Dementia and Geriatric Cognitive Disorders</i> , 2020, 49, 279-285.	1.5	2
48	Validation of Yonsei-Bilateral Activity Test (Y-BAT)-Bilateral Upper Extremity Inventory Using Rasch Analysis. <i>OTJR Occupation, Participation and Health</i> , 2020, 40, 277-286.	0.8	2
49	Post-stroke palatal tremor as a clinical predictor of dysphagia and its neuroanatomical correlates in patients with midbrain and pontine lesions. <i>Journal of Neural Transmission</i> , 2021, 128, 1863-1872.	2.8	2
50	Efficiency and usability of a modified pegboard incorporating computerized technology for upper limb rehabilitation in patients with stroke. <i>Topics in Stroke Rehabilitation</i> , 2023, 30, 333-341.	1.9	2
51	Differences in Dual Task Performance After Robotic Upper Extremity Rehabilitation in Hemiplegic Stroke Patients. <i>Frontiers in Neurology</i> , 2021, 12, 771185.	2.4	2
52	Does electrical stimulation synchronized with ankle movements better improve ankle proprioception and gait kinematics in chronic stroke? A randomized controlled study. <i>NeuroRehabilitation</i> , 2022, , 1-11.	1.3	2
53	BS07 Urological disturbance and its neuroanatomical correlate in patients with chronic brainstem stroke. <i>Clinical Neurophysiology</i> , 2018, 129, e215.	1.5	1
54	Comparisons of Exoskeleton and End-Effector Types Of Robot-Assisted Gait Training In Patients With Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, e58-e59.	0.9	1

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55	Aging-Related Changes in Hand Intrinsic and Extrinsic Muscles and Hand Dexterity : an MRI Investigation. Korean Journal of Sport Biomechanics, 2015, 25, 371-381.	0.1	1
56	Ultrasound-Guided Botulinum Toxin Injection with Factor VIII Administration for Post Stroke Spasticity in a Hemophilia A Patient. Brain & Neurorehabilitation, 2018, 11, .	1.0	0
57	T54. The difference of contralateral motor overflow according to spasticity among people with stroke. Clinical Neurophysiology, 2018, 129, e22.	1.5	0
58	Correction for "Evaluation of Finger Force Control Ability in Terms of Multi-Finger Synergy". IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1939-1939.	4.9	0
59	Prosody Processing of Korean Language in Stroke Patients: A Preliminary Study. Annals of Rehabilitation Medicine, 2013, 37, 642.	1.6	0
60	Biomechanical Evidence From Ultrasonography Supports Rigid Foot Orthoses in Children With Flatfoot. Annals of Rehabilitation Medicine, 2021, 45, 411-412.	1.6	0