

Toshiyuki Fujiwara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7977630/publications.pdf>

Version: 2024-02-01

68
papers

1,417
citations

430874

18
h-index

345221

36
g-index

85
all docs

85
docs citations

85
times ranked

1604
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-computer interface with somatosensory feedback improves functional recovery from severe hemiplegia due to chronic stroke. <i>Frontiers in NeuroEngineering</i> , 2014, 7, 19.	4.8	168
2	Prism Adaptation Therapy Enhances Rehabilitation of Stroke Patients With Unilateral Spatial Neglect. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 711-720.	2.9	127
3	Modulation of mu rhythm desynchronization during motor imagery by transcranial direct current stimulation. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2010, 7, 27.	4.6	104
4	Motor Improvement and Corticospinal Modulation Induced by Hybrid Assistive Neuromuscular Dynamic Stimulation (HANDS) Therapy in Patients With Chronic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2009, 23, 125-132.	2.9	98
5	Efficacy of brain-computer interface-driven neuromuscular electrical stimulation for chronic paresis after stroke. <i>Journal of Rehabilitation Medicine</i> , 2014, 46, 378-382.	1.1	93
6	Modulation of event-related desynchronization during motor imagery with transcranial direct current stimulation (tDCS) in patients with chronic hemiparetic stroke. <i>Experimental Brain Research</i> , 2012, 221, 263-268.	1.5	62
7	Effectiveness of Hybrid Assistive Neuromuscular Dynamic Stimulation Therapy in Patients With Subacute Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 830-837.	2.9	56
8	Brain-computer interface training combined with transcranial direct current stimulation in patients with chronic severe hemiparesis: Proof of concept study. <i>Journal of Rehabilitation Medicine</i> , 2015, 47, 318-324.	1.1	55
9	The effects of anodal transcranial direct current stimulation and patterned electrical stimulation on spinal inhibitory interneurons and motor function in patients with spinal cord injury. <i>Experimental Brain Research</i> , 2016, 234, 1469-1478.	1.5	51
10	Comparison of the After-Effects of Transcranial Direct Current Stimulation Over the Motor Cortex in Patients With Stroke and Healthy Volunteers. <i>International Journal of Neuroscience</i> , 2012, 122, 675-681.	1.6	47
11	Contraction level-related modulation of corticomuscular coherence differs between the tibialis anterior and soleus muscles in humans. <i>Journal of Applied Physiology</i> , 2012, 112, 1258-1267.	2.5	42
12	Effects of pedaling exercise on the intracortical inhibition of cortical leg area. <i>Experimental Brain Research</i> , 2012, 218, 401-406.	1.5	42
13	Quantifying the quality of hand movement in stroke patients through three-dimensional curvature. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2011, 8, 62.	4.6	39
14	A new therapeutic application of a brain-machine interface (BMI) training followed by hybrid assistive neuromuscular dynamic stimulation (HANDS) therapy for patients with severe hemiparetic stroke: A proof of concept study. <i>Restorative Neurology and Neuroscience</i> , 2016, 34, 789-797.	0.7	36
15	Effects of Therapeutic Gait Training Using a Prosthesis and a Treadmill for Ambulatory Patients With Hemiparesis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 1961-1966.	0.9	34
16	Transcranial direct current stimulation modulates the spinal plasticity induced with patterned electrical stimulation. <i>Clinical Neurophysiology</i> , 2011, 122, 1834-1837.	1.5	33
17	The effect of active pedaling combined with electrical stimulation on spinal reciprocal inhibition. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 190-194.	1.7	26
18	Feasibility of task-specific brain-machine interface training for upper-extremity paralysis in patients with chronic hemiparetic stroke. <i>Journal of Rehabilitation Medicine</i> , 2018, 50, 52-58.	1.1	25

#	ARTICLE	IF	CITATIONS
19	Priming With Intermittent Theta Burst Transcranial Magnetic Stimulation Promotes Spinal Plasticity Induced by Peripheral Patterned Electrical Stimulation. <i>Frontiers in Neuroscience</i> , 2018, 12, 508.	2.8	20
20	Newer challenges to restore hemiparetic upper extremity after stroke: HANDS therapy and BMI neurorehabilitation. <i>Hong Kong Physiotherapy Journal</i> , 2012, 30, 83-92.	1.0	18
21	Modulation of cortical and spinal inhibition with functional recovery of upper extremity motor function among patients with chronic stroke. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 883-894.	0.7	18
22	State of intracortical inhibitory interneuron activity in patients with chronic stroke. <i>Clinical Neurophysiology</i> , 2013, 124, 364-370.	1.5	17
23	The effects of patterned electrical stimulation combined with voluntary contraction on spinal reciprocal inhibition in healthy individuals. <i>NeuroReport</i> , 2017, 28, 434-438.	1.2	16
24	Hybrid Assistive Neuromuscular Dynamic Stimulation Therapy: A New Strategy for Improving Upper Extremity Function in Patients with Hemiparesis following Stroke. <i>Neural Plasticity</i> , 2017, 2017, 1-5.	2.2	15
25	Executive dysfunction is related with decreased frontal lobe blood flow in patients with subarachnoid haemorrhage. <i>Brain Injury</i> , 2014, 28, 15-19.	1.2	14
26	Modulation of Event-related Desynchronization during Motor Imagery with Transcranial Direct Current Stimulation in a Patient with Severe Hemiparetic Stroke: A Case Report. <i>Keio Journal of Medicine</i> , 2011, 60, 114-118.	1.1	13
27	Transcranial direct current stimulation enhances mu rhythm desynchronization during motor imagery that depends on handedness. <i>Laterality</i> , 2015, 20, 453-468.	1.0	13
28	Voluntary contraction enhances spinal reciprocal inhibition induced by patterned electrical stimulation in patients with stroke. <i>Restorative Neurology and Neuroscience</i> , 2018, 36, 99-105.	0.7	12
29	A pilot study of contralateral homonymous muscle activity simulated electrical stimulation in chronic hemiplegia. <i>Brain Injury</i> , 2012, 26, 1105-1112.	1.2	10
30	Trunk Impairment as a Predictor of Activities of Daily Living in Acute Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 665592.	2.4	10
31	Association of phase angle with hospital-acquired functional decline in older patients undergoing cardiovascular surgery. <i>Nutrition</i> , 2021, 91-92, 111402.	2.4	10
32	Evaluating the Effectiveness and Safety of the Electroencephalogram-Based Brain-Machine Interface Rehabilitation System for Patients With Severe Hemiparetic Stroke: Protocol for a Randomized Controlled Trial (BEST-BRAIN Trial). <i>JMIR Research Protocols</i> , 2018, 7, e12339.	1.0	10
33	Relationship between spasticity and spinal neural circuits in patients with chronic hemiparetic stroke. <i>Experimental Brain Research</i> , 2018, 236, 207-213.	1.5	9
34	Change in Reciprocal Inhibition of the Forearm with Motor Imagery among Patients with Chronic Stroke. <i>Neural Plasticity</i> , 2018, 2018, 1-9.	2.2	9
35	Current status and future development of acute and cardiac physiotherapies in Japan. <i>Physical Therapy Research</i> , 2020, 23, 1-7.	0.9	9
36	Clinical Characteristics of Older Heart Failure Patients With Hospital-Acquired Disability: A Preliminary, Single-Center, Observational Study. <i>Cardiology Research</i> , 2021, 12, 293-301.	1.1	8

#	ARTICLE	IF	CITATIONS
37	After-effects of pedaling exercise on spinal excitability and spinal reciprocal inhibition in patients with chronic stroke. <i>International Journal of Neuroscience</i> , 2017, 127, 73-79.	1.6	6
38	Balance and Gait Improvements of Postoperative Rehabilitation in Patients with Parkinson's Disease Treated with Subthalamic Nucleus Deep Brain Stimulation (STN-DBS). <i>Parkinson's Disease</i> , 2019, 2019, 1-5.	1.1	6
39	Relationship Between Kihon Checklist Score and Anxiety Levels in Elderly Patients Undergoing Early Phase II Cardiac Rehabilitation. <i>Cardiology Research</i> , 2020, 11, 405-411.	1.1	6
40	Mini-review article: the role of spinal reciprocal inhibition and intracortical inhibition in functional recovery from stroke. <i>Experimental Brain Research</i> , 2020, 238, 1701-1705.	1.5	5
41	Factors related to instrumental activities of daily living in persons with chronic thromboembolic pulmonary hypertension. <i>Chronic Respiratory Disease</i> , 2021, 18, 147997312110466.	2.4	4
42	Neurorehabilitation: Neural Plasticity and Functional Recovery 2018. <i>Neural Plasticity</i> , 2019, 2019, 1-3.	2.2	3
43	Changes in the Excitability of Corticobulbar Projections Due to Intraoral Cooling with Ice. <i>Dysphagia</i> , 2019, 34, 708-712.	1.8	3
44	Neurorehabilitation: Neural Plasticity and Functional Recovery. <i>Neural Plasticity</i> , 2017, 2017, 1-1.	2.2	2
45	IncobotulinumtoxinA for upper- and lower-limb spasticity in Japanese patients. <i>Current Medical Research and Opinion</i> , 2020, 36, 827-834.	1.9	2
46	Forefront of Cardiac Rehabilitation in Japan. <i>Juntendo Medical Journal</i> , 2021, 67, 10-16.	0.1	2
47	Effects of Different Orthoses Used for Gait Training on Gait Function among Patients with Subacute Stroke. <i>Progress in Rehabilitation Medicine</i> , 2020, 5, n/a.	0.9	2
48	No. 96 Improved Upper Extremity Functions in Patients With Chronic Severe Hemiparetic Stroke With Brain Machine Interface (BMI) Training Followed by Hybrid Assistive Neuromuscular Stimulation (HANDS) Therapy. <i>PM and R</i> , 2014, 6, S115.	1.6	1
49	Prognostic impact of peak oxygen uptake and heart rate reserve in patients after off-pump coronary artery bypass grafting. <i>Clinical Cardiology</i> , 2021, 44, 580-587.	1.8	1
50	Prevalence and predictors of hospital-acquired functional decline in patients with sepsis admitted to the intensive care unit. <i>International Journal of Rehabilitation Research</i> , 2021, Publish Ahead of Print, 307-313.	1.3	1
51	Effects on Spasticity and Gait using a 5% Phenol Motor Point Block in Patients with Chronic Hemiparesis. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2014, 51, 271-276.	0.0	1
52	Hybrid Assistive Neuromuscular Dynamic Stimulation (HANDS) Therapy. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2017, 54, 574-578.	0.0	1
53	Effect of hybrid assistive neuromuscular dynamic stimulation (HANDS) therapy for functional recovery after stroke. <i>Neuroscience Research</i> , 2010, 68, e44-e45.	1.9	0
54	Effects of active pedaling exercise combined with electrical stimulation on spinal interneurons in healthy persons. <i>Neuroscience Research</i> , 2010, 68, e260.	1.9	0

#	ARTICLE	IF	CITATIONS
55	S5-2. HANDS therapy “ Functional recovery and neurophysiological reorganization. <i>Clinical Neurophysiology</i> , 2013, 124, e21-e22.	1.5	0
56	No. 116 Brain Machine Interface (BMI) Neurorehabilitation for Hemiparetic Upper Limb in Patients With Chronic Stroke. <i>PM and R</i> , 2014, 6, S119.	1.6	0
57	The effects of different intensities of anodal tDCS on spinal plasticity induced by patterned electrical stimulation. <i>Brain Stimulation</i> , 2015, 8, 421-422.	1.6	0
58	The mechanism of functional recovery of upper extremity motor function among patients with chronic stroke: Modulation of cortical and spinal interneuron. <i>Brain Stimulation</i> , 2015, 8, 336.	1.6	0
59	New Trend of Stroke Rehabilitation According to Japanese Guidelines for the Management of Stroke 2015. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2017, 54, 293-296.	0.0	0
60	Examination of Rehabilitation Intensity According to Severity of Acute Stroke: A Retrospective Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105994.	1.6	0
61	Peak Cough Flow in Patients with Subacute Myelo-optic Neuropathy. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2013, 50, 654-657.	0.0	0
62	Mechanism and Rehabilitation for the Dyspnea in Disused Syndrome. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2017, 54, 957-960.	0.0	0
63	Transcutaneous Spinal Stimulation for Gait Rehabilitation. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2018, 55, 757-760.	0.0	0
64	Neural Plastic Change Induced with Rehabilitation Medicine. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2019, 56, 717-721.	0.0	0
65	Neurorehabilitation for Functional Recovery. <i>Japanese Journal of Neurosurgery</i> , 2020, 29, 634-638.	0.0	0
66	Practice and Evidence of Skeletal Muscle Assessment in Patients with Heart Failure. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2020, 57, 1136-1142.	0.0	0
67	Relationship between spinal reflexes and leg motor function in sub-acute and chronic stroke patients. <i>Clinical Neurophysiology</i> , 2022, 138, 74-83.	1.5	0
68	Effect of Simultaneous Dual-Task Training on Regional Cerebral Blood Flow in Older Adults with Amnesic Mild Cognitive Impairment. <i>Current Alzheimer Research</i> , 2022, 19, 458-468.	1.4	0