

BumChul Yoon

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

587
citations

623734

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44
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895
citing authors

#	ARTICLE	IF	CITATIONS
1	Unsupervised Virtual Reality-Based Exercise Program Improves Hip Muscle Strength and Balance Control in Older Adults: A Pilot Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 937-943.	0.9	96
2	Individualized feedback-based virtual reality exercise improves older women's self-perceived health: A randomized controlled trial. <i>Archives of Gerontology and Geriatrics</i> , 2015, 61, 154-160.	3.0	37
3	A Further Step to Develop Patient-Friendly Implementation Strategies for Virtual Reality-Based Rehabilitation in Patients With Acute Stroke. <i>Physical Therapy</i> , 2016, 96, 1554-1564.	2.4	31
4	Comparison of the effects of water- and land-based exercises on the physical function and quality of life in community-dwelling elderly people with history of falling: A single-blind, randomized controlled trial. <i>Archives of Gerontology and Geriatrics</i> , 2015, 60, 288-293.	3.0	30
5	Specific muscle synergies in national elite female ice hockey players in response to unexpected external perturbation. <i>Journal of Sports Sciences</i> , 2018, 36, 319-325.	2.0	28
6	Feasibility of a Smartphone-Based Exercise Program for Office Workers With Neck Pain: An Individualized Approach Using a Self-Classification Algorithm. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 80-87.	0.9	26
7	Effectiveness of an application-based neck exercise as a pain management tool for office workers with chronic neck pain and functional disability: A pilot randomized trial. <i>European Journal of Integrative Medicine</i> , 2017, 12, 87-92.	1.7	24
8	Comparison of individualized virtual reality- and group-based rehabilitation in older adults with chronic stroke in community settings: a pilot randomized controlled trial. <i>European Journal of Integrative Medicine</i> , 2016, 8, 738-746.	1.7	22
9	The effect of stroke on motor selectivity for force control in single- and multi-finger force production tasks. <i>NeuroRehabilitation</i> , 2014, 34, 429-435.	1.3	20
10	A self-determination theory-based self-myofascial release program in older adults with myofascial trigger points in the neck and back: A pilot study. <i>Physiotherapy Theory and Practice</i> , 2017, 33, 681-694.	1.3	18
11	Feasibility of a Self-Determination Theory-Based Exercise Program in Community-Dwelling South Korean Older Adults: Experiences from a 13-Month Trial. <i>Journal of Aging and Physical Activity</i> , 2016, 24, 8-21.	1.0	17
12	Myofascial Pain Syndrome in the Elderly and Self-Exercise: A Single-Blind, Randomized, Controlled Trial. <i>Journal of Alternative and Complementary Medicine</i> , 2016, 22, 244-251.	2.1	17
13	Equine Exercise in Younger and Older Adults: Simulated Versus Real Horseback Riding. <i>Perceptual and Motor Skills</i> , 2018, 125, 93-108.	1.3	17
14	A neuromuscular strategy to prevent spinal torsion: Backward perturbation alters asymmetry of transversus abdominis muscle thickness into symmetry. <i>Gait and Posture</i> , 2013, 38, 231-235.	1.4	16
15	Deficits in motor abilities for multi-finger force control in hemiparetic stroke survivors. <i>Experimental Brain Research</i> , 2016, 234, 2391-2402.	1.5	16
16	Abdominal hollowing and bracing strategies increase joint stability in the trunk region during sudden support surface translation but not in the lower extremities. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2016, 29, 317-325.	1.1	11
17	The Effectiveness of Hollowing and Bracing Strategies With Lumbar Stabilization Exercise in Older Adult Women With Nonspecific Low Back Pain: A Quasi-Experimental Study on a Community-based Rehabilitation. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2018, 41, 1-9.	0.9	11
18	Difference of motor overflow depending on the impaired or unimpaired hand in stroke patients. <i>Human Movement Science</i> , 2015, 39, 154-162.	1.4	10

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19	The effect of a horse riding simulator on energy expenditure, enjoyment, and task difficulty in the elderly. <i>European Journal of Integrative Medicine</i> , 2016, 8, 723-730.	1.7	10
20	Muscle Synergies for Turning During Human Walking. <i>Journal of Motor Behavior</i> , 2019, 51, 1-9.	0.9	10
21	Effects of Transcranial Direct Current Stimulation Over the Dorsolateral Prefrontal Cortex (PFC) on Cognitive-Motor Dual Control Skills. <i>Perceptual and Motor Skills</i> , 2020, 127, 803-822.	1.3	10
22	Rehabilitation with osteopathic manipulative treatment after lumbar disc surgery: A randomised, controlled pilot study. <i>International Journal of Osteopathic Medicine</i> , 2015, 18, 181-188.	1.0	9
23	Feasibility of an individually tailored virtual reality program for improving upper motor functions and activities of daily living in chronic stroke survivors: A case series. <i>European Journal of Integrative Medicine</i> , 2016, 8, 731-737.	1.7	9
24	Motor control strategies during bimanual isometric force control among healthy individuals. <i>Adaptive Behavior</i> , 2019, 27, 127-136.	1.9	9
25	Noninvasive brain stimulation over M1 and DLPFC cortex enhances the learning of bimanual isometric force control. <i>Human Movement Science</i> , 2019, 66, 73-83.	1.4	8
26	The Effects of tDCS with NDT on the Improvement of Motor Development in Cerebral Palsy. <i>Journal of Motor Behavior</i> , 2022, 54, 480-489.	0.9	8
27	Intensive unilateral neuromuscular training on non-dominant side of low back improves balanced muscle response and spinal stability. <i>European Journal of Applied Physiology</i> , 2013, 113, 997-1004.	2.5	7
28	Optimal retraining time for regaining functional fitness using multicomponent training after long-term detraining in older adults. <i>Archives of Gerontology and Geriatrics</i> , 2017, 73, 227-233.	3.0	7
29	Effectiveness of therapeutic inflatable ball self-exercises for improving shoulder function and quality of life in breast cancer survivors after sentinel lymph node dissection. <i>Supportive Care in Cancer</i> , 2019, 27, 2349-2360.	2.2	7
30	Noninvasive Brain Stimulation over the M1 Enhances Bimanual Force Control Ability: A Randomized Double-Blind Sham-Controlled Study. <i>Journal of Motor Behavior</i> , 2019, 51, 521-531.	0.9	7
31	The hypoalgesic effect of remote tactile sensory modulation on the mechanical sensitivity of trigger points: A randomized controlled study. <i>NeuroRehabilitation</i> , 2014, 35, 607-614.	1.3	6
32	Reliability of histographic analysis for paraspinal muscle degeneration in patients with unilateral back pain using magnetic resonance imaging. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2017, 30, 403-412.	1.1	6
33	Examining impairment of adaptive compensation for stabilizing motor repetitions in stroke survivors. <i>Experimental Brain Research</i> , 2017, 235, 3543-3552.	1.5	4
34	Noninvasive brain stimulation over dorsolateral prefrontal cortex for pain perception and executive function in aging. <i>Archives of Gerontology and Geriatrics</i> , 2019, 81, 252-257.	3.0	4
35	A Preliminary Study on the Effect of High-Power Pain Threshold Ultrasound to Desensitize Latent Trigger Points: A Double-Blinded Randomized Study. <i>Journal of Musculoskeletal Pain</i> , 2014, 22, 175-181.	0.3	3
36	Patient-centered evaluation of home-based rehabilitation developed using community-based participatory research approach for people with disabilities: a case series. <i>Disability and Rehabilitation</i> , 2018, 40, 238-248.	1.8	3

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37	Effect of myofascial trigger point therapy with an inflatable ball in elderlies with chronic non-specific low back pain. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2018, 31, 119-126.	1.1	3
38	Effects of aging on motor control strategies during bimanual isometric force control. <i>Adaptive Behavior</i> , 2019, 27, 267-275.	1.9	3
39	Effects of transcranial direct current stimulation on physical and mental health in older adults with chronic musculoskeletal pain: a randomized controlled trial. <i>European Geriatric Medicine</i> , 2022, , 1.	2.8	3
40	Effect of aquomannual therapy on pain and physical function of patients with chronic musculoskeletal disorders: A pilot study using quantitative and qualitative methods. <i>European Journal of Integrative Medicine</i> , 2018, 17, 9-15.	1.7	2
41	The relation between abdominal muscle asymmetry and trunk postural stability: An ultrasound imaging study. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2018, 31, 1151-1157.	1.1	1
42	Bilateral Transcranial Direct Stimulation Over the Primary Motor Cortex Alters Motor Modularity of Multiple Muscles. <i>Journal of Motor Behavior</i> , 2020, 52, 474-488.	0.9	1
43	A Survey on the Current Working Conditions and Job Satisfaction on Aquatic Therapy Performed by Physical Therapists. <i>The Journal of Korean Physical Therapy</i> , 2019, 31, 40-48.	0.3	0
44	Influence of Anterior-Posterior External Surface Perturbation on Trunk Stability During Abdominal Stabilization Strategies While Sitting. <i>Medical Science Monitor</i> , 2021, 28, e934022.	1.1	0