

# Hae-Dong Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

583  
citations

949033

11  
h-index

1181555

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuromuscular Characteristics and Physical Function in Participants with Parkinson's Disease. <i>Exercise Science</i> , 2021, 30, 318-326.	0.1	0
2	Asynchronous Alterations of Muscle Force and Tendon Stiffness Following 8 Weeks of Resistance Exercise with Whole-Body Vibration in Older Women. <i>Journal of Aging and Physical Activity</i> , 2017, 25, 287-294.	0.5	11
3	A Study on Estimation of Joint Force Through Isometric Index Finger Abduction With the Help of SEMG Peaks for Biomedical Applications. <i>IEEE Transactions on Cybernetics</i> , 2016, 46, 2-8.	6.2	37
4	Muscle fatigue estimation with twitch force derived from sEMG peaks. , 2015, 2015, 3492-5.		0
5	Acute effect of heel-drop exercise with varying ranges of motion on the gastrocnemius aponeurosis-tendon's mechanical properties. <i>Journal of Electromyography and Kinesiology</i> , 2014, 24, 375-379.	0.7	7
6	Real-time thumb-tip force predictions from noninvasive biosignals and biomechanical models. <i>International Journal of Precision Engineering and Manufacturing</i> , 2012, 13, 1679-1688.	1.1	14
7	A physiologically and biomechanically approximate model for surface electromyography amplitude estimation. , 2011, 2011, 4086-9.		3
8	Real-time pinch force estimation by surface electromyography using an artificial neural network. <i>Medical Engineering and Physics</i> , 2010, 32, 429-436.	0.8	72
9	Thumb-tip force estimation from sEMG and a musculoskeletal model for real-time finger prosthesis. , 2009, , .		7
10	In vivo estimation and repeatability of force-length relationship and stiffness of the human achilles tendon using phase contrast MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1039-1045.	1.9	17
11	Effect of chronic unloading and rehabilitation on human Achilles tendon properties: a velocity-encoded phase-contrast MRI study. <i>Journal of Applied Physiology</i> , 2008, 105, 1179-1186.	1.2	45
12	Estimation of isometric joint torque from muscle activation and length in intrinsic hand muscle. , 2008, , .		1
13	Soleus aponeurosis strain distribution following chronic unloading in humans: an in vivo MR phase-contrast study. <i>Journal of Applied Physiology</i> , 2006, 100, 2004-2011.	1.2	42
14	The shape of the force-elbow angle relationship for maximal voluntary contractions and sub-maximal electrically induced contractions in human elbow flexors. <i>Journal of Biomechanics</i> , 2003, 36, 1713-1718.	0.9	26
15	Force depression following muscle shortening of voluntarily activated and electrically stimulated human adductor pollicis. <i>Journal of Physiology</i> , 2003, 551, 993-1003.	1.3	64
16	Elbow Flexor Inhibition as a Function of Muscle Length. <i>Journal of Applied Biomechanics</i> , 2002, 18, 46-56.	0.3	7
17	Force enhancement following muscle stretch of electrically stimulated and voluntarily activated human adductor pollicis. <i>Journal of Physiology</i> , 2002, 545, 321-330.	1.3	147
18	Effects of cyclic changes in muscle length on force production in in-situ cat soleus. <i>Journal of Biomechanics</i> , 2001, 34, 979-987.	0.9	52

#	ARTICLE	IF	CITATIONS
19	Effects of speed and distance of muscle shortening on force depression during voluntary contractions. <i>Journal of Biomechanics</i> , 2000, 33, 917-923.	0.9	31