

Song Joo Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5607291/publications.pdf>

Version: 2024-02-01

31
papers

695
citations

1163117

8
h-index

677142

22
g-index

31
all docs

31
docs citations

31
times ranked

1054
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomechanics of overground vs. treadmill walking in healthy individuals. <i>Journal of Applied Physiology</i> , 2008, 104, 747-755.	2.5	464
2	EMG-Based Continuous and Simultaneous Estimation of Arm Kinematics in Able-Bodied Individuals and Stroke Survivors. <i>Frontiers in Neuroscience</i> , 2017, 11, 480.	2.8	47
3	Impaired varus/valgus proprioception and neuromuscular stabilization in medial knee osteoarthritis. <i>Journal of Biomechanics</i> , 2014, 47, 360-366.	2.1	37
4	Effects of Pivoting Neuromuscular Training on Pivoting Control and Proprioception. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1400-1409.	0.4	20
5	A Pivoting Elliptical Training System for Improving Pivoting Neuromuscular Control and Rehabilitating Musculoskeletal Injuries. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2013, 21, 860-868.	4.9	17
6	Gender differences in offaxis neuromuscular control during stepping under a slippery condition. <i>European Journal of Applied Physiology</i> , 2013, 113, 2857-2866.	2.5	11
7	Pivoting neuromuscular control and proprioception in females and males. <i>European Journal of Applied Physiology</i> , 2015, 115, 775-784.	2.5	11
8	Offaxis neuromuscular training of knee injuries using an offaxis robotic elliptical trainer. , 2011, 2011, 2081-4.		8
9	Classification of Selective Attention Within Steady-State Somatosensory Evoked Potentials From Dry Electrodes Using Mutual Information-Based Spatio-Spectral Feature Selection. <i>IEEE Access</i> , 2020, 8, 85464-85472.	4.2	8
10	Real-time tracking of knee adduction moment in patients with knee osteoarthritis. <i>Journal of Neuroscience Methods</i> , 2014, 231, 9-17.	2.5	7
11	Real-Time Knee Adduction Moment Feedback Training Using an Elliptical Trainer. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2014, 22, 334-343.	4.9	7
12	Upper-Limb Electromyogram Classification of Reaching-to-Grasping Tasks Based on Convolutional Neural Networks for Control of a Prosthetic Hand. <i>Frontiers in Neuroscience</i> , 2021, 15, 733359.	2.8	7
13	Combined Ankle/Knee Stretching and Pivoting Stepping Training for Children With Cerebral Palsy. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 1743-1752.	4.9	6
14	Effects of Off-Axis Elliptical Training on Reducing Pain and Improving Knee Function in Individuals With Patellofemoral Pain. <i>Clinical Journal of Sport Medicine</i> , 2015, 25, 487-493.	1.8	6
15	Real-Time Three-Dimensional Knee Moment Estimation in Knee Osteoarthritis: Toward Biodynamic Knee Osteoarthritis Evaluation and Training. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 1263-1272.	4.9	5
16	Improvement in off-axis neuromuscular control through pivoting elliptical training: Implication for knee injury prevention. , 2010, 2010, 4846-9.		4
17	Detecting voluntary gait initiation/termination intention using EEG. , 2018, , .		4
18	Subject-Transfer Approach based on Convolutional Neural Network for the SSSEP-BCIs. , 2021, , .		4

#	ARTICLE	IF	CITATIONS
19	Quantification of Upper Limb Isometric Force Control Abilities for Evaluating Upper Limb Functions Among Prosthetic Users. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 2559-2568.	4.9	4
20	Improvement in Offaxis Neuromuscular Control Under Slippery Conditions Following Six-Week Pivoting Leg Neuromuscular Training. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 2084-2093.	4.9	3
21	Stability of a robust interaction control for single-degree-of-freedom robots with unstructured environments. Intelligent Service Robotics, 2020, 13, 393-401.	2.6	3
22	Development of an elliptical trainer with real-time knee adduction moment feedback. , 2013, 2013, 6650411.		2
23	Classification of Selective Attention based on Steady-State Somatosensory Evoked Potentials using High-Frequency Vibration Stimuli. , 2020, , .		2
24	Developing an in-vivo physiological porcine model of inducing acute atraumatic compartment syndrome towards a non-invasive diagnosis using shear wave elastography. Scientific Reports, 2021, 11, 21891.	3.3	2
25	CNN-based Subject-Transfer Approach for Training Minimized Lower-Limb MI-BCIs. , 2022, , .		2
26	Learning Patterns of Pivoting Neuromuscular Control Trainingâ€”Toward a Learning Model for Therapy Scheduling. IEEE Transactions on Biomedical Engineering, 2019, 66, 383-390.	4.2	1
27	Foot Pressure Feedback Pneumatic Orthosis: Implication of Daily Life Walking Training for Knee Osteoarthritis Patients. International Journal of Precision Engineering and Manufacturing, 2020, 21, 2191-2198.	2.2	1
28	Quantification of the Elastic Moduli of Lumbar Erector Spinae and Multifidus Muscles Using Shear-Wave Ultrasound Elastography. Applied Sciences (Switzerland), 2021, 11, 1782.	2.5	1
29	Developing a Quantifying Device for Soft Tissue Material Properties around Lumbar Spines. Biosensors, 2021, 11, 67.	4.7	1
30	Plane Dependent Subject-Specific Neuromuscular Training for Knee Rehabilitation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1876-1883.	4.9	0
31	Improvements in hand functions and changes in proximal muscle activities in myoelectric prosthetic hand users at home: a case series. Prosthetics and Orthotics International, 2022, Publish Ahead of Print, .	1.0	0