

Seng Kwee Wee

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

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citations

1163117

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26
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461
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#	ARTICLE	IF	CITATIONS
1	Soft, Lightweight Wearable Robots to Support the Upper Limb in Activities of Daily Living: A Feasibility Study on Chronic Stroke Patients. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 1401-1411.	4.9	11
2	Identification of Secondary Biomechanical Abnormalities in the Lower Limb Joints after Chronic Transtibial Amputation: A Proof-of-Concept Study Using SPM1D Analysis. Bioengineering, 2022, 9, 293.	3.5	1
3	Instrumented trunk impairment scale (iTIS): A reliable measure of trunk impairment in the stroke population. Topics in Stroke Rehabilitation, 2021, 28, 456-463.	1.9	5
4	Enhancing quality of life in progressive multiple sclerosis with powered robotic exoskeleton. Multiple Sclerosis Journal, 2021, 27, 483-487.	3.0	6
5	Longitudinal analysis of the recovery of trunk control and upper extremity following stroke: An individual growth curve approach. Topics in Stroke Rehabilitation, 2021, , 1-16.	1.9	1
6	Rehabilitation Robotic System with Forelimb-Hindlimb Phase synchronization in Rats with Spinal Cord Injury. , 2021, , .		0
7	Phase Learning to Extract Phase from Forelimb(s) and Hindlimb(s) Movement in Real Time. , 2021, , .		1
8	An Asian-centric human movement database capturing activities of daily living. Scientific Data, 2020, 7, 290.	5.3	14
9	Fall inducing movable platform (FIMP) for overground trips and slips. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 161.	4.6	2
10	Concurrent Validity of a Novel Wireless Inertial Measurement System for Assessing Trunk Impairment in People with Stroke. Sensors, 2020, 20, 1699.	3.8	3
11	Development of a Novel Force Sensing System to Measure the Ground Reaction Force of Rats with Complete Spinal Cord Injury. , 2019, , .		1
12	Automatic Inference of Rat's Hindlimb Trajectory to Synchronize with Forelimb Gait Through Phase. , 2019, 2019, 4615-4618.		2
13	Regenerative rehabilitation: exploring the synergistic effects of rehabilitation and implantation of a bio-functional scaffold in enhancing nerve regeneration. Biomaterials Science, 2019, 7, 5150-5160.	5.4	11
14	Do trunk exercises improve trunk and upper extremity performance, post stroke? A systematic review and meta-analysis. NeuroRehabilitation, 2019, 43, 395-412.	1.3	21
15	A Developmental Rehabilitation Robotic System for a Rat With Complete Thoracic Spinal Cord Injury in Quadruped Posture. IEEE Robotics and Automation Letters, 2018, 3, 2109-2115.	5.1	8
16	Exploring new treatment for spinalized rats by synergising robotic rehabilitation system and regenerative medicine. , 2018, 2018, 4205-4208.		6
17	Effect of Trunk Support on Upper Extremity Function in People With Chronic Stroke and People Who Are Healthy. Physical Therapy, 2015, 95, 1163-1171.	2.4	29
18	Trunk Restraint to Promote Upper Extremity Recovery in Stroke Patients. Neurorehabilitation and Neural Repair, 2014, 28, 660-677.	2.9	54

#	ARTICLE	IF	CITATIONS
19	Benign paroxysmal positional vertigo in people with traumatic spinal cord injury: incidence, treatment efficacy and implications. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2012, 33, 723-730.	1.3	9
20	Effects of a robot-assisted training of grasp and pronation/supination in chronic stroke: a pilot study. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 63.	4.6	97
21	A Double-Blind, Placebo-Controlled, Randomized Phase II Pilot Study to Investigate the Potential Efficacy of the Traditional Chinese Medicine Neuroaid (MLC 601) in Enhancing Recovery after Stroke (TIERS). Cerebrovascular Diseases, 2009, 28, 514-521.	1.7	32
22	Rehabilitation of grasping and forearm pronation/supination with the Haptic Knob. , 2009, , .		22
23	Exercises for rehabilitation and assessment of hand motor function with the Haptic Knob. , 2009, , .		5