

Masataka Yamamoto

List of Publications by Year in descending order

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8
papers

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8
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citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of Temporo-Spatial and Lower Limb Joint Kinematics Parameters Using OpenPose for Various Gait Patterns With Orthosis. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 2666-2675.	4.9	17
2	Development of New Soft Wearable Balance Exercise Device Using Pneumatic Gel Muscles. Applied Sciences (Switzerland), 2019, 9, 3108.	2.5	7
3	Effects of altering plantar flexion resistance of an ankle-foot orthosis on muscle force and kinematics during gait training. Journal of Electromyography and Kinesiology, 2019, 46, 63-69.	1.7	7
4	Effects of Varying Plantarflexion Stiffness of Ankle-Foot Orthosis on Achilles Tendon and Propulsion Force During Gait. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 2194-2202.	4.9	7
5	Effect of Ankle-Foot Orthosis Stiffness on Muscle Force During Gait Through Mechanical Testing and Gait Simulation. IEEE Access, 2021, 9, 98039-98047.	4.2	4
6	04 Verification of Balance Function on Exercise using a New Wearable Device with Pneumatic Gel Muscles. Age and Ageing, 2019, 48, iv1-iv2.	1.6	0
7	Verification of Gait Assist Effect by the Ankle Foot Orthosis. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2017, 2017, 2P2-O08.	0.0	0
8	Sensor Fusion Approach for Simple Marker-Less Gait Analysis System Based on Single RGB camera and Inertial Measurement Unit. , 2021, , .		0