Shunta Togo

List of Publications by Year
in descending order

21	82	1937685 4	1474206 9
papers	citations	h-index	g-index

21	21	21	74
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of an sEMG sensor composed of two-layered conductive silicone with different carbon concentrations. Scientific Reports, 2019, 9, 13996.	3.3	15
2	Development of new cosmetic gloves for myoelectric prosthetic hand using superelastic rubber. Robotics and Autonomous Systems, 2019, 111, 31-43.	5.1	13
3	Motor synergies for dampening hand vibration during human walking. Experimental Brain Research, 2012, 216, 81-90.	1.5	12
4	Anticipatory synergy adjustments reflect individual performance of feedforward force control. Neuroscience Letters, 2016, 632, 192-198.	2.1	7
5	Conductive silicon based sEMG sensor for myoelectric control of prosthetic hands: Structure design. , 2017, , .		5
6	Change of a motor synergy for dampening hand vibration depending on a task difficulty. Experimental Brain Research, 2014, 232, 3101-3109.	1.5	4
7	Control strategy of hand movement depends on target redundancy. Scientific Reports, 2017, 7, 45722.	3.3	4
8	Development of a Parent Wireless Assistive Interface for Myoelectric Prosthetic Hands for Children. Frontiers in Neurorobotics, 2018, 12, 48.	2.8	4
9	Semi-Automated Control System for Reaching Movements in EMG Shoulder Disarticulation Prosthesis Based on Mixed Reality Device. IEEE Open Journal of Engineering in Medicine and Biology, 2021, 2, 55-64.	2.3	4
10	Development of a Shoulder Disarticulation Prosthesis System Intuitively Controlled With the Trunk Surface Electromyogram. Frontiers in Neurorobotics, 2020, 14, 542033.	2.8	3
11	Joint angle based motor point tracking stimulation for surface FES: A Study on biceps brachii. Medical Engineering and Physics, 2021, 88, 9-18.	1.7	3
12	Changes in motor synergies for tracking movement and responses to perturbations depend on task-irrelevant dimension constraints. Human Movement Science, 2016, 46, 104-116.	1.4	2
13	Fourth finger dependence of high-functioning autism spectrum disorder in multi-digit force coordination. Scientific Reports, 2019, 9, 1737.	3.3	2
14	Asymmetric shape of distal phalanx of human finger improves precision grasping. Scientific Reports, 2021, 11, 10402.	3.3	2
15	Normalized Index of Synergy for Evaluating the Coordination of Motor Commands. PLoS ONE, 2015, 10, e0140836.	2.5	2
16	EEG Measurement Using Dry Electrodes Comprising Two-layered Conductive Silicone with Different Carbon Concentrations*. , 2019, , .		0
17	Development of Joint Flexion Mechanism with Myoelectric Prosthetic Hand for Stable Grasp in Power Grasp and Precision Grasp. Journal of the Robotics Society of Japan, 2019, 37, 168-178.	0.1	0
18	Development of a Two-Layered Elastic Glove for Dynamic Stable Grasping of Powered Prosthetic Hand. Journal of the Robotics Society of Japan, 2021, 39, 744-750.	0.1	0

#	Article	IF	Citations
19	Investigation of Motor Point Shift and Contraction Force of Triceps Brachii for Functional Electrical Stimulation. , 2021, 2021, 6330-6333.		0
20	Comparison of Precision Grasping Performance between Artificial Fingers With and Without Nails. , 2022, , .		0
21	Development of a 7-DOF Electric Shoulder Prosthesis Using a Return-routing Coupled Tendondriven Mechanism. , 2022, , .		0