Shota Hagio

List of Publications by Year
in descending order

14	232	1307594 7	1199594 12
papers	citations	h-index	g-index

14	14	14	195
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Muscle synergies of multidirectional postural control in astronauts on Earth after a long-term stay in space. Journal of Neurophysiology, 2022, 127, 1230-1239.	1.8	3
2	Modulation of spatial and temporal modules in lower limb muscle activations during walking with simulated reduced gravity. Scientific Reports, 2021, 11, 14749.	3.3	7
3	Visuomotor Transformation for the Lead Leg Affects Trail Leg Trajectories During Visually Guided Crossing Over a Virtual Obstacle in Humans. Frontiers in Neuroscience, 2020, 14, 357.	2.8	10
4	Modularity speeds up motor learning by overcoming mechanical bias in musculoskeletal geometry. Journal of the Royal Society Interface, 2018, 15, 20180249.	3.4	13
5	Motor learning of arm reaching movement in redundant musculoskeletal system. The Proceedings of the Symposium on Sports and Human Dynamics, 2018, 2018, A-26.	0.0	0
6	Exploring efficient rowing movement. The Proceedings of the Symposium on Sports and Human Dynamics, 2018, 2018, B-8.	0.0	0
7	Action Direction of Muscle Synergies in Voluntary Multi-Directional Postural Control. Frontiers in Human Neuroscience, 2017, 11, 434.	2.0	7
8	Comparison of muscle synergies for running between different foot strike patterns. PLoS ONE, 2017, 12, e0171535.	2.5	38
9	Action Direction of Muscle Synergies in Three-Dimensional Force Space. Frontiers in Bioengineering and Biotechnology, 2015, 3, 187.	4.1	7
10	Identification of muscle synergies associated with gait transition in humans. Frontiers in Human Neuroscience, 2015, 9, 48.	2.0	65
11	Recruitment of muscle synergies is associated with endpoint force fluctuations during multi-directional isometric contractions. Experimental Brain Research, 2015, 233, 1811-1823.	1.5	9
12	The flexible recruitment of muscle synergies depends on the required force-generating capability. Journal of Neurophysiology, 2014, 112, 316-327.	1.8	43
13	Synergistic co-activation in multi-directional postural control in humans. Journal of Electromyography and Kinesiology, 2013, 23, 430-437.	1.7	17
14	Region specificity of rectus femoris muscle for force vectors in vivo. Journal of Biomechanics, 2012, 45, 179-182.	2.1	13