

Qi An

List of Publications by Year in descending order

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34
papers

288
citations

1163117

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1058476

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all docs

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34
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of AR training systems for Humanitude dementia care. <i>Advanced Robotics</i> , 2022, 36, 344-358.	1.8	7
2	Selective Assist Strategy by Using Lightweight Carbon Frame Exoskeleton Robot. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 3890-3897.	5.1	4
3	Mobile Robot Navigation Using Learning-Based Method Based on Predictive State Representation in a Dynamic Environment. , 2022, , .		2
4	Development of a Chair to Support Human Standing Motion -Seat movement mechanism using zip chain actuator-. , 2022, , .		3
5	Clarify Sit-to-Stand Muscle Synergy and Tension Changes in Subacute Stroke Rehabilitation by Musculoskeletal Modeling. <i>Frontiers in Systems Neuroscience</i> , 2022, 16, 785143.	2.5	3
6	Modified sensory feedback enhances the sense of agency during continuous body movements in virtual reality. <i>Scientific Reports</i> , 2021, 11, 2553.	3.3	20
7	Artificial neural network that modifies muscle activity in sit-to-stand motion using sensory input. <i>Advanced Robotics</i> , 2021, 35, 858-866.	1.8	0
8	Analysis of muscle synergy and kinematics in sit-to-stand motion of hemiplegic patients in subacute period. <i>Advanced Robotics</i> , 2021, 35, 867-877.	1.8	5
9	Modeling of hyper-adaptability: from motor coordination to rehabilitation. <i>Advanced Robotics</i> , 2021, 35, 802-817.	1.8	5
10	Classification of Motor Impairments of Post-Stroke Patients Based on Force Applied to a Handrail. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 2399-2406.	4.9	6
11	Temporal Muscle Synergy Features Estimate Effects of Short-Term Rehabilitation in Sit-to-Stand of Post-Stroke Patients. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 1796-1802.	5.1	8
12	Development of dementia care training system based on augmented reality and whole body wearable tactile sensor. , 2020, , .		7
13	Temporal Features of Muscle Synergies in Sit-to-Stand Motion Reflect the Motor Impairment of Post-Stroke Patients. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 2118-2127.	4.9	39
14	Organization of functional modularity in sitting balance response and gait performance after stroke. <i>Clinical Biomechanics</i> , 2019, 67, 61-69.	1.2	2
15	Effect of Physical Therapy on Muscle Synergy Structure During Standing-Up Motion of Hemiplegic Patients. <i>IEEE Robotics and Automation Letters</i> , 2018, 3, 2229-2236.	5.1	25
16	The Readiness Potential Reflects the Reliability of Action Consequence. <i>Scientific Reports</i> , 2018, 8, 11865.	3.3	18
17	Visual and Vestibular Inputs Affect Muscle Synergies Responsible for Body Extension and Stabilization in Sit-to-Stand Motion. <i>Frontiers in Neuroscience</i> , 2018, 12, 1042.	2.8	10
18	Gait analysis of patients with knee osteoarthritis by using elevation angle: confirmation of the planar law and analysis of angular difference in the approximate plane. <i>Advanced Robotics</i> , 2017, 31, 68-79.	1.8	14

#	ARTICLE	IF	CITATIONS
19	Muscle synergy structure using different strategies in human standing-up motion. <i>Advanced Robotics</i> , 2017, 31, 40-54.	1.8	25
20	Goal-Directed Movement Enhances Body Representation Updating. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 329.	2.0	18
21	How anticipation for the sense of agency affects readiness potential. , 2016, , .		0
22	Evaluating effect of sense of ownership and sense of agency on body representation change of human upper limb. , 2015, , .		0
23	Analysis of Human Motor Skill in Dart Throwing Motion at Different Distance. <i>SICE Journal of Control Measurement and System Integration</i> , 2015, 8, 79-85.	0.7	2
24	Analysis of muscle synergy contribution on human standing-up motion using a neuro-musculoskeletal model. , 2015, , .		16
25	Muscle Synergies of Sit-to-Stand and Walking Account for Sit-to-Walk Motion. <i>The Abstracts of the International Conference on Advanced Mechatronics Toward Evolutionary Fusion of IT and Mechatronics ICAM</i> , 2015, 2015.6, 96-97.	0.0	1
26	Measurement of just noticeable difference of hip joint for implementation of self-efficacy: in active and passive sensation and in different speed. <i>Advanced Robotics</i> , 2014, 28, 505-511.	1.8	1
27	Analysis of Joint Correlation between Arm and Lower Body in Dart Throwing Motion. , 2013, , .		3
28	Analysis of contribution of muscle synergies on sit-to-stand motion using musculoskeletal model. , 2013, , .		7
29	Muscle Synergy Analysis of Human Standing-Up Motion with Different Chair Heights and Different Motion Speeds. , 2013, , .		5
30	Muscle Synergy Analysis Between Young and Elderly People in Standing-Up Motion. <i>Journal of Robotics and Mechatronics</i> , 2013, 25, 1038-1049.	1.0	9
31	Evaluation of wearable gyroscope and accelerometer sensor (PocketIMU2) during walking and sit-to-stand motions. , 2012, , .		10
32	Effect of vibrotactile feedback on robotic object manipulation. , 2012, , .		1
33	Multi-day training with vibrotactile feedback for virtual object manipulation. , 2011, 2011, 5975337.		10
34	Uncontrolled manifold analysis of standing-up motion for development of an assistance system. , 2011, 2011, 5975447.		2