Joel C Perry

List of Publications by Year in descending order

13 papers	1,146 citations	1477746 6 h-index	1281420 11 g-index
14 all docs	14 docs citations	14 times ranked	1052 citing authors

#	Article	IF	Citations
1	Upper-Limb Powered Exoskeleton Design. IEEE/ASME Transactions on Mechatronics, 2007, 12, 408-417.	3.7	788
2	Real-Time Myoprocessors for a Neural Controlled Powered Exoskeleton Arm. IEEE Transactions on Biomedical Engineering, 2006, 53, 2387-2396.	2.5	202
3	UPPER LIMB POWERED EXOSKELETON. International Journal of Humanoid Robotics, 2007, 04, 529-548.	0.6	64
4	Isotropy of an Upper Limb Exoskeleton and the Kinematics and Dynamics of the Human Arm. Applied Bionics and Biomechanics, 2009, 6, 175-191.	0.5	33
5	Isotropy of an upper limb exoskeleton and the kinematics and dynamics of the human arm. Applied Bionics and Biomechanics, 2009, 6, 175-191.	0.5	23
6	Variable structure pantograph mechanism with spring suspension system for comprehensive upper-limb haptic movement training. Journal of Rehabilitation Research and Development, 2011, 48, 317.	1.6	14
7	Hybrid position/force control of an upper-limb exoskeleton for assisted drilling. , 2017, , .		9
8	Development of a Series Wrapping Cam and Energy-Storing Spring System for Application in Wearable Robotic Arm Supports. Technology and Innovation, 2018, 20, 21-36.	0.2	4
9	3D Scanning of the Forearm for Orthosis and HMI Applications. Frontiers in Robotics and AI, 2021, 8, 576783.	2.0	3
10	Design and optimization of PARTNER: A parallel actuated robotic trainer for NEuroRehabilitation. , 2016, 2016, 2128-2132.		2
11	PANDORA: Design of a 2-DOF Scapulohumeral Exoskeleton Device to Support Translation of the Glenohumeral Joint. Biosystems and Biorobotics, 2019, , 488-492.	0.2	1
12	Consistent Arm Rehabilitation from Clinical to Home Environment - Integrating the Universal Haptic Drive into the TeleReha Software Platform. Biosystems and Biorobotics, 2013, , 1013-1017.	0.2	1
13	PRISM: Development of a 2-DOF Dual-Four-Bar Exoskeleton Shoulder Mechanism to Support Elevation, Depression, Protraction, and Retraction. , 2020, , 105-132.		0