

Joel C Perry

List of Publications by Year in descending order

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