Chun-Ta Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5488692/publications.pdf

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18	342	933447	888059
papers	citations	10 h-index	17 g-index

18	18	18	382
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design and Implementation of a Robotic Hip Exoskeleton for Gait Rehabilitation. Actuators, 2021, 10, 212.	2.3	8
2	Implementation of an Upper-Limb Exoskeleton Robot Driven by Pneumatic Muscle Actuators for Rehabilitation. Actuators, 2020, 9, 106.	2.3	31
3	Dynamic Modeling and Motion Control of a Cable-Driven Robotic Exoskeleton With Pneumatic Artificial Muscle Actuators. IEEE Access, 2020, 8, 149796-149807.	4.2	23
4	Force reflection in a pneumatic artificial muscle actuated haptic system. Mechatronics, 2019, 61, 37-48.	3.3	11
5	Pneumatic Artificial Muscle-Driven Control Loading System (iFUZZY2017). International Journal of Fuzzy Systems, 2018, 20, 1779-1789.	4.0	3
6	The effects of ultrasonic vibration on mechanical properties of tungsten particle-reinforced copper-matrix composites. Canadian Metallurgical Quarterly, 2017, 56, 450-458.	1.2	3
7	Reconfiguration for the Maximum Dynamic Wrench Capability of a Parallel Robot. Applied Sciences (Switzerland), 2016, 6, 80.	2.5	5
8	Trajectory planning of parallel kinematic manipulators for the maximum dynamic load-carrying capacity. Meccanica, 2016, 51, 1653-1674.	2.0	12
9	Hysteresis modeling and tracking control for a dual pneumatic artificial muscle system using Prandtlâ€“Ishlinskii model. Mechatronics, 2015, 28, 35-45.	3.3	86
10	Optimal reconfiguration of parallel manipulators for the maximum dynamic wrench capability. , 2013, , .		0
11	On Climbing Winding Stairs in an Open Mode for a New Robotic Wheelchair. Advanced Robotics, 2012, 26, 63-82.	1.8	8
12	Reconfiguration of a parallel kinematic manipulator for the maximum dynamic load-carrying capacity. Mechanism and Machine Theory, 2012, 54, 62-75.	4.5	18
13	Hybrid approach for dynamic model identification of an electro-hydraulic parallel platform. Nonlinear Dynamics, 2012, 67, 695-711.	5.2	10
14	Trajectory planning in parallel kinematic manipulators using a constrained multi-objective evolutionary algorithm. Nonlinear Dynamics, 2012, 67, 1669-1681.	5.2	38
15	A hybrid strategy for the time- and energy-efficient trajectory planning of parallel platform manipulators. Robotics and Computer-Integrated Manufacturing, 2011, 27, 72-81.	9.9	43
16	Optimal Path Programming of the Stewart Platform Manipulator Using the Boltzmannâ€“Hamelâ€“d'Alembert Dynamics Formulation Model. Advanced Robotics, 2008, 22, 705-730.	1.8	16
17	Singularity-free trajectory planning of platform-type parallel manipulators for minimum actuating effort and reactions. Robotica, 2008, 26, 371-384.	1.9	10
18	A Lagrangian Formulation in Terms of Quasi-Coordinates for the Inverse Dynamics of the General 6-6 Stewart Platform Manipulator. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 2003, 46, 1084-1090.	0.3	17