Louis Flynn

List of Publications by Year
in descending order

12	242	1163065	1474186
papers	citations	8	9
		h-index	g-index

12	12	12	214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ankle–knee prosthesis with active ankle and energy transfer: Development of the CYBERLEGs Alpha-Prosthesis. Robotics and Autonomous Systems, 2015, 73, 4-15.	5.1	64
2	The Ankle Mimicking Prosthetic Foot 3â€"Locking mechanisms, actuator design, control and experiments with an amputee. Robotics and Autonomous Systems, 2017, 91, 327-336.	5.1	35
3	Energetic analysis and optimization of a MACCEPA actuator in an ankle prosthesis. Autonomous Robots, 2018, 42, 147-158.	4.8	26
4	The Challenges and Achievements of Experimental Implementation of an Active Transfemoral Prosthesis Based on Biological Quasi-Stiffness: The CYBERLEGs Beta-Prosthesis. Frontiers in Neurorobotics, 2018, 12, 80.	2.8	24
5	Whole Body Awareness for Controlling a Robotic Transfemoral Prosthesis. Frontiers in Neurorobotics, 2017, 11, 25.	2.8	23
6	CYBERLEGS Beta-Prosthesis active knee system. , 2015, , .		15
7	Torque control of an active elastic transfemoral prosthesis via quasi-static modelling. Robotics and Autonomous Systems, 2018, 107, 100-115.	5.1	15
8	Guidelines and Recommendations to Investigate the Efficacy of a Lower-Limb Prosthetic Device: A Systematic Review. IEEE Transactions on Medical Robotics and Bionics, 2019, 1, 279-296.	3.2	15
9	Design and Evaluation of a Passive Cable-Driven Occupational Shoulder Exoskeleton. IEEE Transactions on Medical Robotics and Bionics, 2021, 3, 1020-1031.	3.2	15
10	On the Electrical Energy Consumption of Active Ankle Prostheses with Series and Parallel Elastic Elements. , 2018, , .		8
11	Performance of the CYBERLEGs motorized lower limb prosthetic device during simulated daily activities. Wearable Technologies, 2021, 2, .	3.1	2
12	Quasi-Static Modelling of a Redundant Knee Prosthesis. , 2018, , .		0