Michiel de Looze

List of Publications by Year
in descending order

19 papers	2,130 citations	471061 17 h-index	794141 19 g-index
19 all docs	19 docs citations	19 times ranked	906 citing authors

#	Article	IF	Citations
1	Three-Stage Evaluation for Defining the Potential of an Industrial Exoskeleton in a Specific Job. Lecture Notes in Networks and Systems, 2022, , 235-241.	0.5	2
2	The Experience of Plasterers Towards Using an Arm Support Exoskeleton. Biosystems and Biorobotics, 2022, , 171-175.	0.2	2
3	What about the human in human robot collaboration?. Ergonomics, 2022, 65, 719-740.	1.1	25
4	The effectivity of a passive arm support exoskeleton in reducing muscle activation and perceived exertion during plastering activities. Ergonomics, 2021, 64, 712-721.	1.1	38
5	Effects of industrial back-support exoskeletons on body loading and user experience: an updated systematic review. Ergonomics, 2021, 64, 685-711.	1.1	111
6	Occupational exoskeletons: A roadmap toward large-scale adoption. Methodology and challenges of bringing exoskeletons to workplaces. Wearable Technologies, 2021, 2, .	1.6	67
7	Effects of a passive back exoskeleton on the mechanical loading of the low-back during symmetric lifting. Journal of Biomechanics, 2020, 102, 109486.	0.9	60
8	Biomechanical evaluation of a new passive back support exoskeleton. Journal of Biomechanics, 2020, 105, 109795.	0.9	71
9	The Amount of Support Provided by a Passive Arm Support Exoskeleton in a Range of Elevated Arm Postures. IISE Transactions on Occupational Ergonomics and Human Factors, 2019, 7, 311-321.	0.5	42
10	The effect of control strategies for an active back-support exoskeleton on spine loading and kinematics during lifting. Journal of Biomechanics, 2019, 91, 14-22.	0.9	65
11	An Introduction to the Special Issue on Occupational Exoskeletons. IISE Transactions on Occupational Ergonomics and Human Factors, 2019, 7, 153-162.	0.5	60
12	Effects of a passive exoskeleton on the mechanical loading of the low back in static holding tasks. Journal of Biomechanics, 2019, 83, 97-103.	0.9	135
13	Evaluation of a passive exoskeleton for static upper limb activities. Applied Ergonomics, 2018, 70, 148-155.	1.7	152
14	Assessment of an active industrial exoskeleton to aid dynamic lifting and lowering manual handling tasks. Applied Ergonomics, 2018, 68, 125-131.	1.7	197
15	Rationale, Implementation and Evaluation of Assistive Strategies for an Active Back-Support Exoskeleton. Frontiers in Robotics and AI, 2018, 5, 53.	2.0	106
16	The effects of a passive exoskeleton on muscle activity, discomfort and endurance time in forward bending work. Applied Ergonomics, 2016, 54, 212-217.	1.7	294
17	Exoskeletons for industrial application and their potential effects on physical work load. Ergonomics, 2016, 59, 671-681.	1.1	593
18	Towards successful physical stress reducing products: an evaluation of seven cases. Applied Ergonomics, 2001, 32, 525-534.	1.7	47

#	Article	IF	Citations
19	Flexion relaxation during lifting: Implications for torque production by muscle activity and tissue strain at the lumbo-sacral joint. Journal of Biomechanics, 1995, 28, 199-210.	0.9	63