

Eric B Weston

List of Publications by Year in descending order

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15
papers

297
citations

1040056

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times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	A physiological and biomechanical investigation of three passive upper-extremity exoskeletons during simulated overhead work. <i>Ergonomics</i> , 2022, 65, 105-117.	2.1	13
2	Neural and biomechanical tradeoffs associated with human-exoskeleton interactions. <i>Applied Ergonomics</i> , 2021, 96, 103494.	3.1	31
3	A biomechanical evaluation of potential ergonomic solutions for use by firefighter and EMS providers when lifting heavy patients in their homes. <i>Applied Ergonomics</i> , 2020, 82, 102910.	3.1	13
4	Comparison of push/pull force estimates using a single-axis gauge versus a three-dimensional hand transducer. <i>Applied Ergonomics</i> , 2020, 88, 103184.	3.1	1
5	Spinal loading and lift style in confined vertical space. <i>Applied Ergonomics</i> , 2020, 84, 103021.	3.1	4
6	Neural Efficiency of Human-Exoskeleton Interactions during Asymmetrical Manual Handling Tasks. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2020, 64, 884-884.	0.3	0
7	A Comparision Of Spinal Loads While Lifting In Confined Vertical Space. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 1130-1131.	0.3	0
8	Impact of two postural assist exoskeletons on biomechanical loading of the lumbar spine. <i>Applied Ergonomics</i> , 2019, 75, 1-7.	3.1	49
9	Effectiveness of a vacuum lifting system in reducing spinal load during airline baggage handling. <i>Applied Ergonomics</i> , 2018, 70, 247-252.	3.1	7
10	Investigation of human body vibration exposures on haul trucks operating at U.S. surface mines/quarries relative to haul truck activity. <i>International Journal of Industrial Ergonomics</i> , 2018, 64, 188-198.	2.6	16
11	BiomechanicallyÂdetermined hand force limits protecting the low back during occupational pushing and pulling tasks. <i>Ergonomics</i> , 2018, 61, 853-865.	2.1	20
12	Biomechanical evaluation of exoskeleton use on loading of the lumbar spine. <i>Applied Ergonomics</i> , 2018, 68, 101-108.	3.1	92
13	A biomechanical and physiological study of office seat and tablet device interaction. <i>Applied Ergonomics</i> , 2017, 62, 83-93.	3.1	22
14	Wheelchair pushing and turning: lumbar spine and shoulder loads and recommended limits. <i>Ergonomics</i> , 2017, 60, 1754-1765.	2.1	6
15	The effect of vibration exposure during haul truck operation on grip strength, touch sensation, and balance. <i>International Journal of Industrial Ergonomics</i> , 2017, 57, 23-31.	2.6	23