

Eric B Weston

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5495294/publications.pdf>

Version: 2024-02-01

15
papers

297
citations

1040056

9
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

280
citing authors

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