

Sarah L Hemler

List of Publications by Year in descending order

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14
papers

211
citations

933447

10
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

51
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of natural shoe wear on traction performance: a longitudinal study. <i>Footwear Science</i> , 2022, 14, 1-12.	2.1	14
2	Investigating the Influence of Spatiotemporal Gait Characteristics on Shoe Wear Rate. <i>IISE Transactions on Occupational Ergonomics and Human Factors</i> , 2022, 10, 1-6.	0.8	0
3	Gait kinetics impact shoe tread wear rate. <i>Gait and Posture</i> , 2021, 86, 157-161.	1.4	14
4	Effect of tread design and hardness on interfacial fluid force and friction in artificially worn shoes. <i>Footwear Science</i> , 2021, 13, 245-254.	2.1	11
5	Investigating the Influence of Spatiotemporal Gait Characteristics on Shoe Wear Rate. <i>IISE Transactions on Occupational Ergonomics and Human Factors</i> , 2021, , 1-6.	0.8	0
6	Traction performance across the life of slip-resistant footwear: Preliminary results from a longitudinal study. <i>Journal of Safety Research</i> , 2020, 74, 219-225.	3.6	16
7	Predicting hydrodynamic conditions under worn shoes using the tapered-wedge solution of Reynolds equation. <i>Tribology International</i> , 2020, 145, 106161.	5.9	28
8	Worn region size of shoe outsole impacts human slips: Testing a mechanistic model. <i>Journal of Biomechanics</i> , 2020, 105, 109797.	2.1	28
9	An observational ergonomic tool for assessing the worn condition of slip-resistant shoes. <i>Applied Ergonomics</i> , 2020, 88, 103140.	3.1	22
10	Differences in Friction Performance between New and Worn Shoes. <i>IISE Transactions on Occupational Ergonomics and Human Factors</i> , 2020, 8, 209-214.	0.8	10
11	Computational model of shoe wear progression: Comparison with experimental results. <i>Wear</i> , 2019, 422-423, 235-241.	3.1	13
12	Changes in under-shoe traction and fluid drainage for progressively worn shoe tread. <i>Applied Ergonomics</i> , 2019, 80, 35-42.	3.1	35
13	Influence of Natural Wear Progression on Shoe Floor Traction – A Pilot Study. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 1358-1362.	0.3	1
14	Effects of Shoe Wear on Slipping – Implications for Shoe Replacement Threshold. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2017, 61, 1424-1428.	0.3	13