

# Hannah M Rice

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

468  
citations

1051969

10  
h-index

939365

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

542  
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic literature review of evidence for the use of assistive exoskeletons in defence and security use cases. <i>Ergonomics</i> , 2023, 66, 61-87.	1.1	7
2	Physiological demands of running at 2-hour marathon race pace. <i>Journal of Applied Physiology</i> , 2021, 130, 369-379.	1.2	88
3	Biomechanical Basis of Predicting and Preventing Lower Limb Stress Fractures During Arduous Training. <i>Current Osteoporosis Reports</i> , 2021, 19, 308-317.	1.5	11
4	Do non-rearfoot runners experience greater second metatarsal stresses than rearfoot runners?. <i>Journal of Biomechanics</i> , 2021, 126, 110647.	0.9	2
5	Tibial stress during running following a repeated calf raise protocol. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 2382-2389.	1.3	7
6	Three dimensional finite element modelling of metatarsal stresses during running. <i>Journal of Medical Engineering and Technology</i> , 2020, 44, 368-377.	0.8	3
7	Incorporating subject-specific geometry to compare metatarsal stress during running with different foot strike patterns. <i>Journal of Biomechanics</i> , 2020, 105, 109792.	0.9	7
8	Prospective study of biomechanical risk factors for second and third metatarsal stress fractures in military recruits. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 135-139.	0.6	20
9	Estimating Tibial Stress throughout the Duration of a Treadmill Run. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 2257-2264.	0.2	20
10	Estimates of Tibial Shock Magnitude in Men and Women at the Start and End of a Military Drill Training Program. <i>Military Medicine</i> , 2018, 183, e392-e398.	0.4	18
11	Why forefoot striking in minimal shoes might positively change the course of running injuries. <i>Journal of Sport and Health Science</i> , 2017, 6, 154-161.	3.3	61
12	Manipulation of Foot Strike and Footwear Increases Achilles Tendon Loading During Running. <i>American Journal of Sports Medicine</i> , 2017, 45, 2411-2417.	1.9	47
13	Changes in lower limb biomechanics and metatarsal stress fracture with different military boots. <i>Footwear Science</i> , 2017, 9, S134-S135.	0.8	2
14	A narrow bimalleolar width is a risk factor for ankle inversion injury in male military recruits: A prospective study. <i>Clinical Biomechanics</i> , 2017, 41, 14-19.	0.5	9
15	Influence of a 12.8-km military load carriage activity on lower limb gait mechanics and muscle activity. <i>Ergonomics</i> , 2017, 60, 649-656.	1.1	31
16	Footwear Matters. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 2462-2468.	0.2	79
17	Four biomechanical and anthropometric measures predict tibial stress fracture: a prospective study of 1065 Royal Marines. <i>British Journal of Sports Medicine</i> , 2016, 50, 1206-1210.	3.1	27
18	High medial plantar pressures during barefoot running are associated with increased risk of ankle inversion injury in Royal Marine recruits. <i>Gait and Posture</i> , 2013, 38, 614-618.	0.6	29

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19	A prospective study identifying risk factors for tibial stress fracture in Royal Marine recruits: initial findings. <i>Footwear Science</i> , 2013, 5, S123-S124.	0.8	0
20	Ankle joint kinematics influence risk of third metatarsal stress fracture in military recruits. <i>Footwear Science</i> , 2013, 5, S122-S123.	0.8	0