

# Sam J Allen

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

371  
citations

1163117

8  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Running Technique is an Important Component of Running Economy and Performance. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1412-1423.	0.4	155
2	Neuromuscular function in healthy occlusion. <i>Journal of Oral Rehabilitation</i> , 2010, 37, 663-669.	3.0	41
3	The Muscle Morphology of Elite Sprint Running. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 804-815.	0.4	38
4	A kinematic algorithm to identify gait events during running at different speeds and with different footstrike types. <i>Journal of Biomechanics</i> , 2016, 49, 4128-4133.	2.1	24
5	Is a single or double arm technique more advantageous in triple jumping?. <i>Journal of Biomechanics</i> , 2010, 43, 3156-3161.	2.1	22
6	Trade-offs between horizontal and vertical velocities during triple jumping and the effect on phase distances. <i>Journal of Biomechanics</i> , 2013, 46, 979-983.	2.1	15
7	The Anthropometry of Economical Running. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 762-770.	0.4	12
8	Models incorporating pin joints are suitable for simulating performance but unsuitable for simulating internal loading. <i>Journal of Biomechanics</i> , 2012, 45, 1430-1436.	2.1	11
9	Neuromechanics of Middle-Distance Running Fatigue: A Key Role of the Plantarflexors?. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 2119-2130.	0.4	10
10	Exploiting 3D printing technology to develop robotic running foot for footwear testing. <i>Virtual and Physical Prototyping</i> , 2013, 8, 259-269.	10.4	8
11	Optimisation of phase ratio in the triple jump using computer simulation. <i>Human Movement Science</i> , 2016, 46, 167-176.	1.4	8
12	The effect of increasing strength and approach velocity on triple jump performance. <i>Journal of Biomechanics</i> , 2016, 49, 3796-3802.	2.1	7
13	A biomechanical evaluation of the combined elevation test. <i>Physical Therapy in Sport</i> , 2017, 25, 1-8.	1.9	7
14	The influence of swing leg technique on maximum running speed. <i>Journal of Biomechanics</i> , 2021, 126, 110640.	2.1	6
15	Surface acceleration transmission during drop landings in humans. <i>Journal of Biomechanics</i> , 2021, 118, 110269.	2.1	4
16	The correlation of force-velocity-power relationship of a whole-body movement with 20 m and 60 m sprint performance. <i>Sports Biomechanics</i> , 2021, , 1-14.	1.6	3
17	Response to the letter to editor "The correlation of force-velocity-power relationship of a whole-body movement with 20 m and 60 m sprint performance". <i>Sports Biomechanics</i> , 2021, , 1-2.	1.6	0