

# Samuel R Hamner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2617317/publications.pdf>

Version: 2024-02-01

5  
papers

1,798  
citations

1684188

5  
h-index

2053705

5  
g-index

5  
all docs

5  
docs citations

5  
times ranked

1883  
citing authors

#	ARTICLE	IF	CITATIONS
1	OpenSim: Simulating musculoskeletal dynamics and neuromuscular control to study human and animal movement. PLoS Computational Biology, 2018, 14, e1006223.	3.2	735
2	A rolling constraint reproduces ground reaction forces and moments in dynamic simulations of walking, running, and crouch gait. Journal of Biomechanics, 2013, 46, 1772-1776.	2.1	27
3	Muscle contributions to fore-aft and vertical body mass center accelerations over a range of running speeds. Journal of Biomechanics, 2013, 46, 780-787.	2.1	231
4	How muscle fiber lengths and velocities affect muscle force generation as humans walk and run at different speeds. Journal of Experimental Biology, 2013, 216, 2150-60.	1.7	197
5	Muscle contributions to propulsion and support during running. Journal of Biomechanics, 2010, 43, 2709-2716.	2.1	608