

# Surabhi N Simha

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/192566/publications.pdf>

Version: 2024-02-01

7  
papers

221  
citations

1478280

6  
h-index

1719901

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g-index

11  
all docs

11  
docs citations

11  
times ranked

164  
citing authors

#	ARTICLE	IF	CITATIONS
1	General variability leads to specific adaptation toward optimal movement policies. <i>Current Biology</i> , 2022, 32, 2222-2232.e5.	1.8	22
2	Using asymmetry to your advantage: learning to acquire and accept external assistance during prolonged split-belt walking. <i>Journal of Neurophysiology</i> , 2021, 125, 344-357.	0.9	35
3	Increasing the gradient of energetic cost does not initiate adaptation in human walking. <i>Journal of Neurophysiology</i> , 2021, 126, 440-450.	0.9	3
4	Taking advantage of external mechanical work to reduce metabolic cost: the mechanics and energetics of split-belt treadmill walking. <i>Journal of Physiology</i> , 2019, 597, 4053-4068.	1.3	51
5	A Mechatronic System for Studying Energy Optimization During Walking. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 1416-1425.	2.7	14
6	How people initiate energy optimization and converge on their optimal gaits. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	28
7	An Overview on Principles for Energy Efficient Robot Locomotion. <i>Frontiers in Robotics and AI</i> , 2018, 5, 129.	2.0	60