

# Todd J Hullfish Bsme

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8916432/publications.pdf>

Version: 2024-02-01

18  
papers

299  
citations

933410

10  
h-index

996954

15  
g-index

31  
all docs

31  
docs citations

31  
times ranked

233  
citing authors

#	ARTICLE	IF	CITATIONS
1	Moving outside the lab: Markerless motion capture accurately quantifies sagittal plane kinematics during the vertical jump. <i>Journal of Biomechanics</i> , 2021, 125, 110547.	2.1	45
2	Functional deficits may be explained by plantarflexor remodeling following Achilles tendon rupture repair: Preliminary findings. <i>Journal of Biomechanics</i> , 2018, 79, 238-242.	2.1	33
3	Exercise Progression to Incrementally Load the Achilles Tendon. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 124-130.	0.4	30
4	An automatic fascicle tracking algorithm quantifying gastrocnemius architecture during maximal effort contractions. <i>PeerJ</i> , 2019, 7, e7120.	2.0	29
5	The impact of thigh and shank marker quantity on lower extremity kinematics using a constrained model. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 399.	1.9	21
6	A simple instrumented insole algorithm to estimate plantar flexion moments. <i>Gait and Posture</i> , 2020, 79, 92-95.	1.4	21
7	Achilles tendon structure differs between competitive distance runners and nonrunners despite no clinical signs or symptoms of midsubstance tendinopathy. <i>Journal of Applied Physiology</i> , 2018, 125, 453-458.	2.5	18
8	Muscle structure governs joint function: linking natural variation in medial gastrocnemius structure with isokinetic plantar flexor function. <i>Biology Open</i> , 2019, 8, .	1.2	17
9	Gastrocnemius fascicles are shorter and more pennate throughout the first month following acute Achilles tendon rupture. <i>PeerJ</i> , 2019, 7, e6788.	2.0	15
10	Medial gastrocnemius muscle remodeling correlates with reduced plantarflexor kinetics 14 weeks following Achilles tendon rupture. <i>Journal of Applied Physiology</i> , 2019, 127, 1005-1011.	2.5	14
11	A Wearable Magnet-Based System to Assess Activity and Joint Flexion in Humans and Large Animals. <i>Annals of Biomedical Engineering</i> , 2018, 46, 2069-2078.	2.5	9
12	Measuring clinically relevant knee motion with a self-calibrated wearable sensor. <i>Journal of Biomechanics</i> , 2019, 89, 105-109.	2.1	7
13	Instrumented immobilizing boot paradigm quantifies reduced Achilles tendon loading during gait. <i>Journal of Biomechanics</i> , 2020, 109, 109925.	2.1	7
14	Tendon structure quantified using ultrasound imaging differs based on location and training type. <i>Journal of Applied Physiology</i> , 2018, 125, 1743-1748.	2.5	6
15	A Reliable Method for Quantification of Tendon Structure Using B-Mode Ultrasound. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 2419-2424.	1.7	5
16	Ultrasound echogenicity is associated with fatigue-induced failure in a cadaveric Achilles tendon model. <i>Journal of Biomechanics</i> , 2020, 105, 109784.	2.1	4
17	Novel isodamping dynamometer accurately measures plantar flexor function. <i>Journal of Biomechanics</i> , 2020, 111, 110015.	2.1	3
18	Experimental recommendations for estimating lower extremity loading based on joint and activity. <i>Journal of Biomechanics</i> , 2021, 127, 110688.	2.1	1