

# Venus Joumaa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1302802/publications.pdf>

Version: 2024-02-01

20  
papers

267  
citations

1163065

8  
h-index

940516

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast stretching of skeletal muscle fibres abolishes residual force enhancement. Journal of Experimental Biology, 2022, 225, .	1.7	2
2	Mechanical function of cardiac fibre bundles is partly protected by exercise in response to diet-induced obesity in rats. Applied Physiology, Nutrition and Metabolism, 2021, 46, 46-54.	1.9	6
3	Mechanical and Structural Remodeling of Cardiac Muscle after Aerobic and Resistance Exercise Training in Rats. Medicine and Science in Sports and Exercise, 2021, 53, 1583-1594.	0.4	5
4	Botox Injections in Paraspinal Muscles Result in Low Maximal Specific Force and Shortening Velocity in Fast but not Slow Skinned Muscle Fibres. Spine, 2021, Publish Ahead of Print, .	2.0	1
5	Effect of Active Lengthening and Shortening on Small-Angle X-ray Reflections in Skinned Skeletal Muscle Fibres. International Journal of Molecular Sciences, 2021, 22, 8526.	4.1	10
6	Moderate aerobic exercise, but not dietary prebiotic fibre, attenuates losses to mechanical property integrity of tail tendons in a rat model of diet-induced obesity. Journal of Biomechanics, 2021, 129, 110798.	2.1	3
7	Residual and passive force enhancement in skinned cardiac fibre bundles. Journal of Biomechanics, 2020, 109, 109953.	2.1	9
8	Cardiac ventricular muscle mechanical properties through the first year of life in Sprague-Dawley rats. Mechanisms of Ageing and Development, 2020, 192, 111359.	4.6	2
9	Mechanical adaptations of skinned cardiac muscle in response to dietary-induced obesity during adolescence in rats. Applied Physiology, Nutrition and Metabolism, 2020, 45, 893-901.	1.9	7
10	Energy Cost of Force Production After a Stretch-Shortening Cycle in Skinned Muscle Fibers: Does Muscle Efficiency Increase?. Frontiers in Physiology, 2020, 11, 567538.	2.8	1
11	Relationship of muscle morphology to hip displacement in cerebral palsy: a pilot study investigating changes intrinsic to the sarcomere. Journal of Orthopaedic Surgery and Research, 2019, 14, 187.	2.3	9
12	Optimal length, calcium sensitivity, and twitch characteristics of skeletal muscles from mdm mice with a deletion in N2A titin. Journal of Experimental Biology, 2019, 222, .	1.7	22
13	Stiffness of hip adductor myofibrils is decreased in children with spastic cerebral palsy. Journal of Biomechanics, 2019, 87, 100-106.	2.1	9
14	The mechanical and biochemical properties of tail tendon in a rat model of obesity: Effect of moderate exercise and prebiotic fibre supplementation. Journal of Biomechanics, 2019, 88, 148-154.	2.1	6
15	Does partial titin degradation affect sarcomere length nonuniformities and force in active and passive myofibrils?. American Journal of Physiology - Cell Physiology, 2018, 315, C310-C318.	4.6	7
16	Energy cost of isometric force production after active shortening in skinned muscle fibres. Journal of Experimental Biology, 2017, 220, 1509-1515.	1.7	28
17	Titin force enhancement following active stretch of skinned skeletal muscle fibres. Journal of Experimental Biology, 2017, 220, 3110-3118.	1.7	24
18	Decreased force enhancement in skeletal muscle sarcomeres with a deletion in titin. Journal of Experimental Biology, 2016, 219, 1311-6.	1.7	52

#	ARTICLE	IF	CITATIONS
19	Intermittent stretch training of rabbit plantarflexor muscles increases soleus mass and serial sarcomere number. Journal of Applied Physiology, 2015, 118, 1467-1473.	2.5	18
20	New insights into force depression in skeletal muscle. Journal of Experimental Biology, 2012, 215, 2135-2140.	1.7	46