

Jaqueline L Rios

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

555
citations

1051969

10
h-index

759306

22
g-index

27
all docs

27
docs citations

27
times ranked

939
citing authors

#	ARTICLE	IF	CITATIONS
1	Sprague Dawley Rats Show More Severe Bone Loss, Osteophytosis and Inflammation Compared to Wistar Han Rats in a High-Fat, High-Sucrose Diet Model of Joint Damage. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3725.	1.8	7
2	A musculoskeletal finite element model of rat knee joint for evaluating cartilage biomechanics during gait. <i>PLoS Computational Biology</i> , 2022, 18, e1009398.	1.5	7
3	Prebiotic and Exercise Do Not Alter Knee Osteoarthritis in a Rat Model of Established Obesity. <i>Cartilage</i> , 2021, 13, 1456S-1466S.	1.4	12
4	Mechanical function of cardiac fibre bundles is partly protected by exercise in response to diet-induced obesity in rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 46-54.	0.9	6
5	Does a high-fat/high-sucrose diet accelerate joint damage development when compared to a high-fat diet in a Wistar Han rat groove model of osteoarthritis?. <i>Osteoarthritis and Cartilage</i> , 2021, 29, S104-S105.	0.6	0
6	Contractility of permeabilized rat vastus intermedius muscle fibres following high-fat, high-sucrose diet consumption. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1389-1399.	0.9	2
7	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. <i>Journal of Biomechanics</i> , 2021, 129, 110798.	0.9	3
8	Impact of age on host responses to diet-induced obesity: Development of joint damage and metabolic set points. <i>Journal of Sport and Health Science</i> , 2020, 9, 132-139.	3.3	11
9	Cardiac ventricular muscle mechanical properties through the first year of life in Sprague-Dawley rats. <i>Mechanisms of Ageing and Development</i> , 2020, 192, 111359.	2.2	2
10	High-fat/high-sucrose feeding increases systemic intermediate monocyte population in two rat strains, but major bone changes are observed only in sprague dawley rats. <i>Osteoarthritis and Cartilage</i> , 2020, 28, S109-S110.	0.6	1
11	Effects of prebiotics and exercise on the progression of osteoarthritis in a rat-model of metabolic disturbance. <i>Osteoarthritis and Cartilage</i> , 2020, 28, S203.	0.6	3
12	Understanding the Initiation and Progression of Diet-Induced Obesity and Associated Pathophysiology: Lessons Learned from a Rat Model. , 2020, , 117-133.		0
13	Moderate exercise prevents cartilage softening and muscle structural changes in a rat model of obesity. <i>Osteoarthritis and Cartilage</i> , 2019, 27, S155.	0.6	0
14	Protective effect of prebiotic and exercise intervention on knee health in a rat model of diet-induced obesity. <i>Scientific Reports</i> , 2019, 9, 3893.	1.6	95
15	The mechanical and biochemical properties of tail tendon in a rat model of obesity: Effect of moderate exercise and prebiotic fibre supplementation. <i>Journal of Biomechanics</i> , 2019, 88, 148-154.	0.9	6
16	Obesity, Metabolic Syndrome, and Musculoskeletal Disease: Common Inflammatory Pathways Suggest a Central Role for Loss of Muscle Integrity. <i>Frontiers in Physiology</i> , 2018, 9, 112.	1.3	182
17	Quantifying the Effects of Different Treadmill Training Speeds and Durations on the Health of Rat Knee Joints. <i>Sports Medicine - Open</i> , 2018, 4, 15.	1.3	17
18	Force properties of skinned cardiac muscle following increasing volumes of aerobic exercise in rats. <i>Journal of Applied Physiology</i> , 2018, 125, 495-503.	1.2	10

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19	Acute and chronic changes in rat soleus muscle after high-fat high-sucrose diet. <i>Physiological Reports</i> , 2017, 5, e13270.	0.7	23
20	A High-Fat High-Sucrose Diet Rapidly Alters Muscle Integrity, Inflammation and Gut Microbiota in Male Rats. <i>Scientific Reports</i> , 2016, 6, 37278.	1.6	85
21	Both anticipatory and compensatory postural adjustments are adapted while catching a ball in unstable standing posture. <i>Journal of Bodywork and Movement Therapies</i> , 2016, 20, 90-97.	0.5	10
22	Individuals with chronic ankle instability compensate for their ankle deficits using proximal musculature to maintain reduced postural sway while kicking a ball. <i>Human Movement Science</i> , 2015, 43, 33-44.	0.6	41
23	Individuals with chronic ankle instability exhibit decreased postural sway while kicking in a single-leg stance. <i>Gait and Posture</i> , 2014, 40, 231-236.	0.6	28
24	Ajustes posturais antecipatórios e compensatórios ao pegar uma bola em condição de estabilidade e instabilidade postural. <i>Fisioterapia E Pesquisa</i> , 2012, 19, 228-235.	0.3	2
25	Psychosocial profile of students from public schools of the city of Tubaro, Santa Catarina, Brazil with positive indicators for attention deficit hyperactivity disorder (ADHD). <i>Journal of Public Health and Epidemiology</i> , 2012, 4, 277-284.	0.1	0
26	Analysis of Peak Tibial Acceleration During Gait in Different Cadences. <i>Human Movement</i> , 2010, 11, .	0.5	2