

Jaqueline L Rios

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

555
citations

933447

10
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

887
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.	4.1	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.	3.2	7
3	Prebiotic and Exercise Do Not Alter Knee Osteoarthritis in a Rat Model of Established Obesity. <i>Cartilage</i> , 2021, 13, 1456S-1466S.	2.7	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.	1.9	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.	1.3	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.	1.9	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.	2.1	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.	6.5	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.	4.6	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.	1.3	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.	1.3	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.	1.3	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.	3.3	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.	2.1	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.	2.8	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.	3.1	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.	2.5	10

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19	Acute and chronic changes in rat soleus muscle after high-fat high-sucrose diet. Physiological Reports, 2017, 5, e13270.	1.7	23
20	A High-Fat High-Sucrose Diet Rapidly Alters Muscle Integrity, Inflammation and Gut Microbiota in Male Rats. Scientific Reports, 2016, 6, 37278.	3.3	85
21	Both anticipatory and compensatory postural adjustments are adapted while catching a ball in unstable standing posture. Journal of Bodywork and Movement Therapies, 2016, 20, 90-97.	1.2	10
22	Individuals with chronic ankle instability compensate for their ankle deficits using proximal musculature to maintain reduced postural sway while kicking a ball. Human Movement Science, 2015, 43, 33-44.	1.4	41
23	Individuals with chronic ankle instability exhibit decreased postural sway while kicking in a single-leg stance. Gait and Posture, 2014, 40, 231-236.	1.4	28
24	Ajustes posturais antecipatórios e compensatórios ao pegar uma bola em condição de estabilidade e instabilidade postural. Fisioterapia E Pesquisa, 2012, 19, 228-235.	0.1	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). Journal of Public Health and Epidemiology, 2012, 4, 277-284.	0.3	0
26	Analysis of Peak Tibial Acceleration During Gait in Different Cadences. Human Movement, 2010, 11, .	0.9	2