

Jessica Pingel

List of Publications by Year in descending order

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42
papers

1,075
citations

643344

15
h-index

466096

32
g-index

44
all docs

44
docs citations

44
times ranked

1560
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered gene expression levels of genes related to muscle function in adults with cerebral palsy. <i>Tissue and Cell</i> , 2022, 76, 101744.	1.0	2
2	Gene expressions in cerebral palsy subjects reveal structural and functional changes in the gastrocnemius muscle that are closely associated with passive muscle stiffness. <i>Cell and Tissue Research</i> , 2021, 384, 513-526.	1.5	8
3	Intramuscular BoNT/A injections cause an inflammatory response in the muscle tissue of rats. <i>European Journal of Inflammation</i> , 2021, 19, 205873922110399.	0.2	0
4	Cerebral Palsy and Stroke—Early and Late Brain Lesion Present Differences in Systemic Biomarkers and Gene Expression Related to Muscle Contractures. <i>World Journal of Neuroscience</i> , 2021, 11, 34-47.	0.1	1
5	Reduced mitochondrial DNA and OXPHOS protein content in skeletal muscle of children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 1204-1212.	1.1	9
6	Immobilization leads to reduced stretch reflexes but increased central reflex gain in the rat. <i>Journal of Neurophysiology</i> , 2020, 124, 985-993.	0.9	2
7	Epigenetic Marks at the Ribosomal DNA Promoter in Skeletal Muscle Are Negatively Associated With Degree of Impairment in Cerebral Palsy. <i>Frontiers in Pediatrics</i> , 2020, 8, 236.	0.9	4
8	Multi-frequency bioimpedance: a non-invasive tool for muscle-health assessment of adults with cerebral palsy. <i>Journal of Muscle Research and Cell Motility</i> , 2020, 41, 211-219.	0.9	2
9	A non-Invasive Assessment of Ground Reaction Forces in the Human Leg in Response to Walking, Jogging, Running and Jumping. <i>Open Journal of Orthopedics</i> , 2020, 10, 152-160.	0.0	1
10	Contracture Development in Whales. <i>Open Journal of Marine Science</i> , 2020, 10, 173-176.	0.3	0
11	Impact of Menstrual Function on Hormonal Response to Repeated Bouts of Intense Exercise. <i>Frontiers in Physiology</i> , 2019, 10, 942.	1.3	6
12	Systemic inflammatory markers in individuals with cerebral palsy. <i>European Journal of Inflammation</i> , 2019, 17, 205873921882347.	0.2	13
13	An acoustic myography functional assessment of cerebral palsy subjects compared to healthy controls during physical exercise. <i>Journal of Muscle Research and Cell Motility</i> , 2019, 40, 53-58.	0.9	9
14	The Beneficial Effect of Acute Exercise on Motor Memory Consolidation is Modulated by Dopaminergic Gene Profile. <i>Journal of Clinical Medicine</i> , 2019, 8, 578.	1.0	12
15	Suboptimal Nutrition and Low Physical Activity Are Observed Together with Reduced Plasma Brain-Derived Neurotrophic Factor (BDNF) Concentration in Children with Severe Cerebral Palsy (CP). <i>Nutrients</i> , 2019, 11, 620.	1.7	13
16	Muscle fibre morphology and microarchitecture in cerebral palsy patients obtained by 3D synchrotron X-ray computed tomography. <i>Computers in Biology and Medicine</i> , 2019, 107, 265-269.	3.9	11
17	Sequence variants in muscle tissue-related genes may determine the severity of muscle contractures in cerebral palsy. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 12-24.	1.1	4
18	Assessment of intersegmental coordination of rats during walking at different speeds – Application of continuous relative phase. <i>Journal of Biomechanics</i> , 2018, 73, 168-176.	0.9	6

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19	Day-to-day reliability of gait characteristics in rats. <i>Journal of Biomechanics</i> , 2018, 72, 247-251.	0.9	3
20	Tendinosis-like changes in denervated rat Achilles tendon. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 426.	0.8	5
21	Microvascularization is not a limiting factor for exercise in adults with cerebral palsy. <i>Journal of Applied Physiology</i> , 2018, 125, 536-544.	1.2	7
22	Applicability of contrast-enhanced ultrasound in the diagnosis of plantar fasciitis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 2048-2058.	1.3	9
23	Muscle disuse caused by botulinum toxin injection leads to increased central gain of the stretch reflex in the rat. <i>Journal of Neurophysiology</i> , 2017, 118, 1962-1969.	0.9	10
24	Are mechanically sensitive regulators involved in the function and (patho)physiology of cerebral palsy-related contractures?. <i>Journal of Muscle Research and Cell Motility</i> , 2017, 38, 317-330.	0.9	11
25	Injection of high dose botulinum-toxin A leads to impaired skeletal muscle function and damage of the fibrillar and non-fibrillar structures. <i>Scientific Reports</i> , 2017, 7, 14746.	1.6	55
26	New perspectives on the development of muscle contractures following central motor lesions. <i>Journal of Physiology</i> , 2017, 595, 1027-1038.	1.3	48
27	Botulinum toxin injection causes hyper-reflexia and increased muscle stiffness of the triceps surae muscle in the rat. <i>Journal of Neurophysiology</i> , 2016, 116, 2615-2623.	0.9	26
28	Inflammatory and Metabolic Alterations of Kager's Fat Pad in Chronic Achilles Tendinopathy. <i>PLoS ONE</i> , 2015, 10, e0127811.	1.1	28
29	Acute exercise improves motor memory: Exploring potential biomarkers. <i>Neurobiology of Learning and Memory</i> , 2014, 116, 46-58.	1.0	261
30	Ultrastructure and collagen composition of healthy and overloaded human tendon: evidence of tenocyte and matrix buckling. <i>Journal of Anatomy</i> , 2014, 224, 548-555.	0.9	97
31	No inflammatory gene-expression response to acute exercise in human Achilles tendinopathy. <i>European Journal of Applied Physiology</i> , 2013, 113, 2101-2109.	1.2	31
32	Increased mast cell numbers in a calcaneal tendon overuse model. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, e353-60.	1.3	46
33	The effect of acute exercise on collagen turnover in human tendons: influence of prior immobilization period. <i>European Journal of Applied Physiology</i> , 2013, 113, 449-455.	1.2	18
34	Short-term acetaminophen consumption enhances the exercise-induced increase in Achilles peritendinous IL-6 in humans. <i>Journal of Applied Physiology</i> , 2013, 115, 929-936.	1.2	21
35	The Microvascular Volume of the Achilles Tendon Is Increased in Patients With Tendinopathy at Rest and After a 1-Hour Treadmill Run. <i>American Journal of Sports Medicine</i> , 2013, 41, 2400-2408.	1.9	34
36	The acute effects of exercise on the microvascular volume of Achilles tendons in healthy young subjects. <i>Clinical Physiology and Functional Imaging</i> , 2013, 33, 252-257.	0.5	21

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37	Effects of transdermal estrogen on collagen turnover at rest and in response to exercise in postmenopausal women. <i>Journal of Applied Physiology</i> , 2012, 113, 1040-1047.	1.2	34
38	Effects of 2 weeks lower limb immobilization and two separate rehabilitation regimens on gastrocnemius muscle protein turnover signaling and normalization genes. <i>BMC Research Notes</i> , 2012, 5, 166.	0.6	12
39	Interleukin-6: a growth factor stimulating collagen synthesis in human tendon. <i>Journal of Applied Physiology</i> , 2011, 110, 1549-1554.	1.2	88
40	Effect of administration of oral contraceptives in vivo on collagen synthesis in tendon and muscle connective tissue in young women. <i>Journal of Applied Physiology</i> , 2009, 106, 1435-1443.	1.2	98
41	The influence of training status on the drop in muscle strength after acute exercise. <i>European Journal of Applied Physiology</i> , 2009, 106, 605-611.	1.2	8
42	Clinical Implications of Muscle-Tendon & -Force Interplay: Surface Electromyography Recordings of m. vastus lateralis in Renal Failure Patients Undergoing Dialysis and of m. gastrocnemius in Individuals with Achilles Tendon Damage. , 0, , .		0