Victoria C Foletta

List of Publications by Year
in descending order

66 papers	2,764 citations	201674 27 h-index	182427 51 g-index
67 all docs	67 docs citations	67 times ranked	4994 citing authors

#	Article	IF	Citations
1	The role and regulation of MAFbx/atrogin-1 and MuRF1 in skeletal muscle atrophy. Pflugers Archiv European Journal of Physiology, 2011, 461, 325-335.	2.8	278
2	Regulation of miRNAs in human skeletal muscle following acute endurance exercise and shortâ€term endurance training. Journal of Physiology, 2013, 591, 4637-4653.	2.9	207
3	Disruption of skeletal muscle mitochondrial network genes and miRNAs in amyotrophic lateral sclerosis. Neurobiology of Disease, 2013, 49, 107-117.	4.4	194
4	Skeletal muscle mitochondria: A major player in exercise, health and disease. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1276-1284.	2.4	184
5	Vitamin C and E supplementation prevents some of the cellular adaptations to endurance-training in humans. Free Radical Biology and Medicine, 2015, 89, 852-862.	2.9	122
6	Integrated phenotypic and activity-based profiling links Ces3 to obesity and diabetes. Nature Chemical Biology, 2014, 10, 113-121.	8.0	110
7	MicroRNAs in skeletal muscle and their regulation with exercise, ageing, and disease. Frontiers in Physiology, 2013, 4, 266.	2.8	87
8	Effects of systemic hypoxia on human muscular adaptations to resistance exercise training. Physiological Reports, 2014, 2, e12033.	1.7	85
9	The CDP-Ethanolamine Pathway Regulates Skeletal Muscle Diacylglycerol Content and Mitochondrial Biogenesis without Altering Insulin Sensitivity. Cell Metabolism, 2015, 21, 718-730.	16.2	83
10	Peroxisome Proliferator-activated Receptor Î³ Coactivator 1 (PGC-1)- and Estrogen-related Receptor (ERR)-induced Regulator in Muscle 1 (PERM1) Is a Tissue-specific Regulator of Oxidative Capacity in Skeletal Muscle Cells. Journal of Biological Chemistry, 2013, 288, 25207-25218.	3.4	80
11	Identification of MicroRNAs Linked to Regulators of Muscle Protein Synthesis and Regeneration in Young and Old Skeletal Muscle. PLoS ONE, 2014, 9, e114009.	2.5	74
12	Glucocorticoids enhance muscle endurance and ameliorate Duchenne muscular dystrophy through a defined metabolic program. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6780-9.	7.1	71
13	Ascorbic acid supplementation improves skeletal muscle oxidative stress and insulin sensitivity in people with type 2 diabetes: Findings of a randomized controlled study. Free Radical Biology and Medicine, 2016, 93, 227-238.	2.9	66
14	Molecular regulation of skeletal muscle mass. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 378-384.	1.9	64
15	Concurrent exercise incorporating high-intensity interval or continuous training modulates mTORC1 signaling and microRNA expression in human skeletal muscle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R1297-R1311.	1.8	58
16	NDRG2, a novel regulator of myoblast proliferation, is regulated by anabolic and catabolic factors. Journal of Physiology, 2009, 587, 1619-1634.	2.9	50
17	Regulation of ubiquitin proteasome pathway molecular markers in response to endurance and resistance exercise and training. Pflugers Archiv European Journal of Physiology, 2015, 467, 1523-1537.	2.8	50
18	Skeletal Muscle Satellite Cells, Mitochondria, and MicroRNAs: Their Involvement in the Pathogenesis of ALS. Frontiers in Physiology, 2016, 7, 403.	2.8	47

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19	Perm1 enhances mitochondrial biogenesis, oxidative capacity, and fatigue resistance in adult skeletal muscle. FASEB Journal, 2016, 30, 674-687.	0.5	46
20	Intramuscular inflammatory and resolving lipid profile responses to an acute bout of resistance exercise in men. Physiological Reports, 2019, 7, e14108.	1.7	41
21	Exercise, Skeletal Muscle and Circulating microRNAs. Progress in Molecular Biology and Translational Science, 2015, 135, 471-496.	1.7	38
22	Increased mitophagy in the skeletal muscle of spinal and bulbar muscular atrophy patients. Human Molecular Genetics, 2017, 26, ddx019.	2.9	37
23	Lower body blood flow restriction training may induce remote muscle strength adaptations in an active unrestricted arm. European Journal of Applied Physiology, 2018, 118, 617-627.	2.5	34
24	Diet quality and telomere length in older Australian men and women. European Journal of Nutrition, 2018, 57, 363-372.	3.9	34
25	Influence of divergent exercise contraction mode and whey protein supplementation on atrogin-1, MuRF1, and FOXO1/3A in human skeletal muscle. Journal of Applied Physiology, 2014, 116, 1491-1502.	2.5	29
26	Comparative analysis of microRNA expression in mouse and human brown adipose tissue. BMC Genomics, 2015, 16, 820.	2.8	29
27	Evaluation of follistatin as a therapeutic in models of skeletal muscle atrophy associated with denervation and tenotomy. Scientific Reports, 2015, 5, 17535.	3.3	29
28	Phosphatidylserine decarboxylase is critical for the maintenance of skeletal muscle mitochondrial integrity and muscle mass. Molecular Metabolism, 2019, 27, 33-46.	6.5	29
29	Creatine transporter (SLC6A8) knockout mice display an increased capacity for in vitro creatine biosynthesis in skeletal muscle. Frontiers in Physiology, 2014, 5, 314.	2.8	28
30	Hormonal and metabolic responses to repeated cycling sprints under different hypoxic conditions. Growth Hormone and IGF Research, 2015, 25, 121-126.	1.1	28
31	PGC-1Î± and PGC-1Î² increase CrT expression and creatine uptake in myotubes via ERRÎ±. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2937-2943.	4.1	24
32	Statin-Induced Increases in Atrophy Gene Expression Occur Independently of Changes in PGC1Î± Protein and Mitochondrial Content. PLoS ONE, 2015, 10, e0128398.	2.5	24
33	Ageing has no effect on the regulation of the ubiquitin proteasome-related genes and proteins following resistance exercise. Frontiers in Physiology, 2014, 5, 30.	2.8	23
34	Analysis of Mammalian Cell Proliferation and Macromolecule Synthesis Using Deuterated Water and Gas Chromatography-Mass Spectrometry. Metabolites, 2016, 6, 34.	2.9	23
35	Granulocyte Colony-Stimulating Factor and Its Potential Application for Skeletal Muscle Repair and Regeneration. Mediators of Inflammation, 2017, 2017, 1-9.	3.0	23
36	Measures to Predict The Individual Variability of Corticospinal Responses Following Transcranial Direct Current Stimulation. Frontiers in Human Neuroscience, 2016, 10, 487.	2.0	21

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37	MicroRNA expression patterns in post-natal mouse skeletal muscle development. BMC Genomics, 2017, 18, 52.	2.8	21
38	PGC-1Î± and PGC-1Î² Increase Protein Synthesis via ERRÎ± in C2C12 Myotubes. Frontiers in Physiology, 2018, 9, 1336.	2.8	21
39	High-dose vitamin C supplementation increases skeletal muscle vitamin C concentration and SVCT2 transporter expression but does not alter redox status in healthy males. Free Radical Biology and Medicine, 2014, 77, 130-138.	2.9	20
40	Overexpression of Striated Muscle Activator of Rho Signaling (STARS) Increases C2C12 Skeletal Muscle Cell Differentiation. Frontiers in Physiology, 2016, 7, 7.	2.8	20
41	Ndrg2 is a PGC-1Î±/ERRÎ± target gene that controls protein synthesis and expression of contractile-type genes in C2C12 myotubes. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 3112-3123.	4.1	19
42	Perm1 regulates CaMKII activation and shapes skeletal muscle responses to endurance exercise training. Molecular Metabolism, 2019, 23, 88-97.	6.5	19
43	Cellular Localization and Associations of the Major Lipolytic Proteins in Human Skeletal Muscle at Rest and during Exercise. PLoS ONE, 2014, 9, e103062.	2.5	17
44	G-CSF does not influence C2C12 myogenesis despite receptor expression in healthy and dystrophic skeletal muscle. Frontiers in Physiology, 2014, 5, 170.	2.8	15
45	Ibuprofen Ingestion Does Not Affect Markers of Post-exercise Muscle Inflammation. Frontiers in Physiology, 2016, 7, 86.	2.8	15
46	NDRG2 promotes myoblast proliferation and caspase 3/7 activities during differentiation, and attenuates hydrogen peroxide â€“ But not palmitateâ€induced toxicity. FEBS Open Bio, 2015, 5, 668-681.	2.3	14
47	Dietary Patterns in New Zealand Women: Evaluating Differences in Body Composition and Metabolic Biomarkers. Nutrients, 2019, 11, 1643.	4.1	13
48	Effects of systemic hypoxia on human muscular adaptations to resistance exercise training. Physiological Reports, 2015, 3, e12267.	1.7	12
49	Predictors and risks of body fat profiles in young New Zealand European, MÄori and Pacific women: study protocol for the womenâ€™s EXPLORE study. SpringerPlus, 2015, 4, 128.	1.2	12
50	Ibuprofen supplementation and its effects on NF-<i>Îº</i> B activation in skeletal muscle following resistance exercise. Physiological Reports, 2014, 2, e12172.	1.7	11
51	MicroRNA-99b-5p downregulates protein synthesis in human primary myotubes. American Journal of Physiology - Cell Physiology, 2020, 319, C432-C440.	4.6	11
52	Muscle Adaptations to Heavy-Load and Blood Flow Restriction Resistance Training Methods. Frontiers in Physiology, 2022, 13, 837697.	2.8	10
53	Dysregulation of microRNA biogenesis machinery and microRNA/RNA ratio in skeletal muscle of amyotrophic lateral sclerosis mice. Muscle and Nerve, 2018, 57, 838-847.	2.2	9
54	Erythropoietin Does Not Enhance Skeletal Muscle Protein Synthesis Following Exercise in Young and Older Adults. Frontiers in Physiology, 2016, 7, 292.	2.8	8

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55	The Effect of Normobaric Hypoxia on Resistance Training Adaptations in Older Adults. Journal of Strength and Conditioning Research, 2020, Publish Ahead of Print, .	2.1	8
56	Effects of tail suspension on serum testosterone and molecular targets regulating muscle mass. Muscle and Nerve, 2015, 52, 278-288.	2.2	6
57	Differential regulation of cellular stress responses by the endoplasmic reticulum-resident Selenoprotein S (Seps1) in proliferating myoblasts versus myotubes. Physiological Reports, 2018, 6, e13926.	1.7	6
58	Non-invasive Assessment of Dorsiflexor Muscle Function in Mice. Journal of Visualized Experiments, 2019, , .	0.3	6
59	An obesogenic maternal environment impairs mouse growth patterns, satellite cell activation, and markers of postnatal myogenesis. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E1008-E1018.	3.5	5
60	Sensitivity to behavioral stress impacts disease pathogenesis in dystrophinâ€deficient mice. FASEB Journal, 2021, 35, e22034.	0.5	4
61	G-CSF treatment can attenuate dexamethasone-induced reduction in C2C12 myotube protein synthesis. Cytokine, 2015, 73, 1-7.	3.2	3
62	MicroRNA suppression of stress-responsive NDRG2 during dexamethasone treatment in skeletal muscle cells. BMC Molecular and Cell Biology, 2019, 20, 12.	2.0	3
63	Mechanisms of chemotherapyâ€induced muscle wasting in mice with cancer cachexia. JCSM Rapid Communications, 2022, 5, 102-116.	1.6	3
64	miR-23a suppression accelerates functional decline in the rNLS8 mouse model of TDP-43 proteinopathy. Neurobiology of Disease, 2022, 162, 105559.	4.4	2
65	Overexpression of NDRG2 in skeletal muscle does not ameliorate the effects of stress <i>in vivo</i>. Experimental Physiology, 2020, 105, 1326-1338.	2.0	0
66	Striated muscle activator of Rho signalling (STARS) overexpression in the mdx mouse enhances muscle functional capacity and regulates the actin cytoskeleton and oxidative phosphorylation pathways. Experimental Physiology, 2021, 106, 1597-1611.	2.0	0