Thomas Chaillou

List of Publications by Year
in descending order

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31 papers	819 citations	623734 14 h-index	501196 28 g-index
32 all docs	32 docs citations	32 times ranked	1374 citing authors

#	Article	IF	Citations
1	Ribosome Biogenesis: Emerging Evidence for a Central Role in the Regulation of Skeletal Muscle Mass. Journal of Cellular Physiology, 2014, 229, 1584-1594.	4.1	152
2	Time course of gene expression during mouse skeletal muscle hypertrophy. Journal of Applied Physiology, 2013, 115, 1065-1074.	2.5	78
3	Blunted hypertrophic response in aged skeletal muscle is associated with decreased ribosome biogenesis. Journal of Applied Physiology, 2015, 119, 321-327.	2.5	75
4	Regulation of myogenesis and skeletal muscle regeneration: effects of oxygen levels on satellite cell activity. FASEB Journal, 2016, 30, 3929-3941.	0.5	62
5	The role of microRNAs in skeletal muscle health and disease. Frontiers in Bioscience - Landmark, 2015, 20, 37-77.	3.0	56
6	Postâ€exercise recovery of contractile function and endurance in humans and mice is accelerated by heating and slowed by cooling skeletal muscle. Journal of Physiology, 2017, 595, 7413-7426.	2.9	52
7	Expression of Muscleâ€Specific Ribosomal Protein L3â€Like Impairs Myotube Growth. Journal of Cellular Physiology, 2016, 231, 1894-1902.	4.1	45
8	Skeletal Muscle Fiber Type in Hypoxia: Adaptation to High-Altitude Exposure and Under Conditions of Pathological Hypoxia. Frontiers in Physiology, 2018, 9, 1450.	2.8	43
9	Hypoxia transiently affects skeletal muscle hypertrophy in a functional overload model. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R643-R654.	1.8	34
10	Life-long reduction in myomiR expression does not adversely affect skeletal muscle morphology. Scientific Reports, 2019, 9, 5483.	3.3	29
11	Ribosome specialization and its potential role in the control of protein translation and skeletal muscle size. Journal of Applied Physiology, 2019, 127, 599-607.	2.5	28
12	Identification of a conserved set of upregulated genes in mouse skeletal muscle hypertrophy and regrowth. Journal of Applied Physiology, 2015, 118, 86-97.	2.5	26
13	LIM and cysteine-rich domains 1 (LMCD1) regulates skeletal muscle hypertrophy, calcium handling, and force. Skeletal Muscle, 2019, 9, 26.	4.2	25
14	Effect of hypoxia exposure on the recovery of skeletal muscle phenotype during regeneration. Molecular and Cellular Biochemistry, 2014, 390, 31-40.	3.1	17
15	Exercise reduces intramuscular stress and counteracts muscle weakness in mice with breast cancer. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1151-1163.	7.3	12
16	Pitfalls of reverse transcription quantitative polymerase chain reaction standardization: Volume-related inhibitors of reverse transcription. Analytical Biochemistry, 2011, 415, 151-157.	2.4	11
17	Docetaxel does not impair skeletal muscle force production in a murine model of cancer chemotherapy. Physiological Reports, 2017, 5, e13261.	1.7	10
18	Mild hypothermia affects the morphology and impairs glutamine-induced anabolic response in human primary myotubes. American Journal of Physiology - Cell Physiology, 2019, 317, C101-C110.	4.6	9

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19	Intact single muscle fibres from SOD1^{G93A} amyotrophic lateral sclerosis mice display preserved specific force, fatigue resistance and trainingâ€like adaptations. Journal of Physiology, 2019, 597, 3133-3146.	2.9	8
20	Carbohydrates do not accelerate force recovery after glycogenâ€depleting followed by highâ€intensity exercise in humans. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 998-1007.	2.9	8
21	Functional Impact of Post-exercise Cooling and Heating on Recovery and Training Adaptations: Application to Resistance, Endurance, and Sprint Exercise. Sports Medicine - Open, 2022, 8, 37.	3.1	8
22	Impaired ribosome biogenesis could contribute to anabolic resistance to strength exercise in the elderly. Journal of Physiology, 2017, 595, 1447-1448.	2.9	7
23	Mitochondrial NDUFA4L2 is a novel regulator of skeletal muscle mass and force. FASEB Journal, 2021, 35, e22010.	0.5	6
24	Commentaries on Viewpoint: Human skeletal muscle wasting in hypoxia: a matter of hypoxic dose?. Journal of Applied Physiology, 2017, 122, 409-411.	2.5	5
25	Mechanisms of prolonged low-frequency force depression: in vivo studies get us closer to the truth. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 316, R502-R503.	1.8	5
26	High-intensity resistance exercise is not as effective as traditional high-intensity interval exercise for increasing the cardiorespiratory response and energy expenditure in recreationally active subjects. European Journal of Applied Physiology, 2022, 122, 459-474.	2.5	4
27	Glutamine-stimulated in vitro hypertrophy is preserved in muscle cells from older women. Mechanisms of Ageing and Development, 2020, 187, 111228.	4.6	2
28	Carbohydrate restriction following strenuous glycogen-depleting exercise does not potentiate the acute molecular response associated with mitochondrial biogenesis in human skeletal muscle. European Journal of Applied Physiology, 2021, 121, 1219-1232.	2.5	1
29	Increasing the resting time between drop jumps lessens delayed-onset muscle soreness and limits the extent of prolonged low-frequency force depression in human knee extensor muscles. European Journal of Applied Physiology, 2022, 122, 255-266.	2.5	1
30	Intracellular Ca²⁺ handling and myofibrillar Ca²⁺ sensitivity are defective in single muscle fibres of aged humans. Journal of Physiology, 2015, 593, 3237-3238.	2.9	0
31	Cold water immersion puts the chill on muscle protein synthesis after resistance exercise. Journal of Physiology, 2020, 598, 1123-1124.	2.9	0