

Timothy P Gavin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

1,171
citations

16
h-index

34
g-index

39
ext. papers

1,387
ext. citations

3.6
avg. IF

4.03
L-index

#	Paper	IF	Citations
32	Neither Peristaltic Pulse Dynamic Compressions nor Heat Therapy Accelerate Glycogen Resynthesis after Intermittent Running. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 2425-2435	1.2	0
31	Extracellular vesicles released from stress-induced prematurely senescent myoblasts impair endothelial function and proliferation. <i>Experimental Physiology</i> , 2021 , 106, 2083-2095	2.4	2
30	Effects of repeated local heat therapy on skeletal muscle structure and function in humans. <i>Journal of Applied Physiology</i> , 2020 , 128, 483-492	3.7	23
29	Skeletal muscle adaptations to heat therapy. <i>Journal of Applied Physiology</i> , 2020 , 128, 1635-1642	3.7	10
28	Multivesicular body and exosome pathway responses to acute exercise. <i>Experimental Physiology</i> , 2020 , 105, 511-521	2.4	14
27	Skeletal muscle IGF-1 is lower at rest and after resistance exercise in humans with obesity. <i>European Journal of Applied Physiology</i> , 2020 , 120, 2835-2846	3.4	4
26	Factors secreted from high glucose treated endothelial cells impair expansion and differentiation of human skeletal muscle satellite cells. <i>Journal of Physiology</i> , 2019 , 597, 5109-5124	3.9	8
25	Nanosecond pulsed electric field induced proliferation and differentiation of osteoblasts and myoblasts. <i>Journal of the Royal Society Interface</i> , 2019 , 16, 20190079	4.1	10
24	Skeletal muscle-derived exosomes regulate endothelial cell functions via reactive oxygen species-activated nuclear factor- κ B signalling. <i>Experimental Physiology</i> , 2019 , 104, 1262-1273	2.4	30
23	Effects of acute aerobic and concurrent exercise on skeletal muscle metabolic enzymes in untrained men. <i>Sport Sciences for Health</i> , 2019 , 15, 417-426	1.3	1
22	A requirement of Polo-like kinase 1 in murine embryonic myogenesis and adult muscle regeneration. <i>ELife</i> , 2019 , 8,	8.9	8
21	Impact of repeated local heat stress on skeletal muscle structure and function in humans. <i>FASEB Journal</i> , 2019 , 33, 838.12	0.9	
20	Impact of heat therapy on recovery after eccentric exercise in humans. <i>Journal of Applied Physiology</i> , 2019 , 126, 965-976	3.7	13
19	Skeletal Muscle-Specific Deletion of MKP-1 Reveals a p38 MAPK/JNK/Akt Signaling Node That Regulates Obesity-Induced Insulin Resistance. <i>Diabetes</i> , 2018 , 67, 624-635	0.9	37
18	High Incomplete Skeletal Muscle Fatty Acid Oxidation Explains Low Muscle Insulin Sensitivity in Poorly Controlled T2D. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 882-889	5.6	13
17	Altered formation of the iron oxide nanoparticle-biocorona due to individual variability and exercise. <i>Environmental Toxicology and Pharmacology</i> , 2018 , 62, 215-226	5.8	6
16	Pten is necessary for the quiescence and maintenance of adult muscle stem cells. <i>Nature Communications</i> , 2017 , 8, 14328	17.4	66

15	No difference in plantar flexion maximal exercise power output between men and women. <i>Sport Sciences for Health</i> , 2017 , 13, 139-147	1.3	1
14	Heat therapy promotes the expression of angiogenic regulators in human skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 311, R377-91	3.2	34
13	Impaired exercise tolerance, mitochondrial biogenesis, and muscle fiber maintenance in miR-133a-deficient mice. <i>FASEB Journal</i> , 2016 , 30, 3745-3758	0.9	46
12	Aging and the Skeletal Muscle Angiogenic Response to Exercise in Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 1189-97	6.4	29
11	Measurement of Resting Energy Metabolism in Mice Using Oxymax Open Circuit Indirect Calorimeter. <i>Bio-protocol</i> , 2015 , 5,	0.9	15
10	Insulin sensitivity is related to glycemic control in type 2 diabetes and diabetes remission after Roux-en Y gastric bypass. <i>Surgery</i> , 2014 , 155, 1036-43	3.6	10
9	Comparison of a field-based test to estimate functional threshold power and power output at lactate threshold. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 416-21	3.2	19
8	AMPK regulates basal skeletal muscle capillarization and VEGF expression, but is not necessary for the angiogenic response to exercise. <i>Journal of Physiology</i> , 2008 , 586, 6021-35	3.9	56
7	No difference in the skeletal muscle angiogenic response to aerobic exercise training between young and aged men. <i>Journal of Physiology</i> , 2007 , 585, 231-9	3.9	81
6	Lower skeletal muscle capillarization and VEGF expression in aged vs. young men. <i>Journal of Applied Physiology</i> , 2006 , 100, 178-85	3.7	112
5	Lower capillary density but no difference in VEGF expression in obese vs. lean young skeletal muscle in humans. <i>Journal of Applied Physiology</i> , 2005 , 98, 315-21	3.7	96
4	Angiogenic growth factor response to acute systemic exercise in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2004 , 96, 19-24	3.7	97
3	Reduced mechanical efficiency in chronic obstructive pulmonary disease but normal peak VO ₂ with small muscle mass exercise. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 89-96	10.2	131
2	Circulating plasma VEGF response to exercise in sedentary and endurance-trained men. <i>Journal of Applied Physiology</i> , 2004 , 96, 1445-50	3.7	121
1	Pulmonary gas exchange during exercise in women: effects of exercise type and work increment. <i>Journal of Applied Physiology</i> , 2000 , 89, 721-30	3.7	77