

# Daniel J Owens

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3309574/publications.pdf>

Version: 2024-02-01

27  
papers

1,358  
citations

516710

16  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of vitamin D concentration in non-supplemented professional athletes and healthy adults during the winter months in the UK: implications for skeletal muscle function. <i>Journal of Sports Sciences</i> , 2013, 31, 344-353.	2.0	192
2	Exercise-induced muscle damage: What is it, what causes it and what are the nutritional solutions?. <i>European Journal of Sport Science</i> , 2019, 19, 71-85.	2.7	172
3	Vitamin D and the Athlete: Current Perspectives and New Challenges. <i>Sports Medicine</i> , 2018, 48, 3-16.	6.5	138
4	The effects of vitamin D <sup>3</sup> supplementation on serum total 25[OH]D concentration and physical performance: a randomised dose-response study. <i>British Journal of Sports Medicine</i> , 2013, 47, 692-696.	6.7	129
5	A systems-based investigation into vitamin D and skeletal muscle repair, regeneration, and hypertrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E1019-E1031.	3.5	113
6	Lifelong training preserves some redox-regulated adaptive responses after an acute exercise stimulus in aged human skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2014, 70, 23-32.	2.9	74
7	DNA methylation across the genome in aged human skeletal muscle tissue and muscle-derived cells: the role of HOX genes and physical activity. <i>Scientific Reports</i> , 2020, 10, 15360.	3.3	63
8	Skeletal muscle cells possess a "memory" of acute early life TNF- $\alpha$ exposure: role of epigenetic adaptation. <i>Biogerontology</i> , 2016, 17, 603-617.	3.9	55
9	UBR5 is a novel E3 ubiquitin ligase involved in skeletal muscle hypertrophy and recovery from atrophy. <i>Journal of Physiology</i> , 2019, 597, 3727-3749.	2.9	53
10	Vitamin D and the athlete: Emerging insights. <i>European Journal of Sport Science</i> , 2015, 15, 73-84.	2.7	52
11	Efficacy of High-Dose Vitamin D Supplements for Elite Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 349-356.	0.4	43
12	Glutamine Improves Skeletal Muscle Cell Differentiation and Prevents Myotube Atrophy After Cytokine (TNF- $\alpha$ ) Stress Via Reduced p38 MAPK Signal Transduction. <i>Journal of Cellular Physiology</i> , 2016, 231, 2720-2732.	4.1	41
13	Vitamin D supplementation does not improve human skeletal muscle contractile properties in insufficient young males. <i>European Journal of Applied Physiology</i> , 2014, 114, 1309-1320.	2.5	33
14	Leucine-enriched protein feeding does not impair exercise-induced free fatty acid availability and lipid oxidation: beneficial implications for training in carbohydrate-restricted states. <i>Amino Acids</i> , 2015, 47, 407-416.	2.7	28
15	Lamin Mutations Cause Increased YAP Nuclear Entry in Muscle Stem Cells. <i>Cells</i> , 2020, 9, 816.	4.1	28
16	Fasted Exercise and Increased Dietary Protein Reduces Body Fat and Improves Strength in Jockeys. <i>International Journal of Sports Medicine</i> , 2015, 36, 1008-1014.	1.7	20
17	Knockdown of the E3 ubiquitin ligase UBR5 and its role in skeletal muscle anabolism. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C45-C56.	4.6	20
18	Carbohydrate improves exercise capacity but does not affect subcellular lipid droplet morphology, AMPK and p53 signalling in human skeletal muscle. <i>Journal of Physiology</i> , 2021, 599, 2823-2849.	2.9	16

#	ARTICLE	IF	CITATIONS
19	Gonad-related factors promote muscle performance gain during postnatal development in male and female mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E12-E25.	3.5	15
20	Lamin-Related Congenital Muscular Dystrophy Alters Mechanical Signaling and Skeletal Muscle Growth. <i>International Journal of Molecular Sciences</i> , 2021, 22, 306.	4.1	15
21	Vitamin D status in chronic fatigue syndrome/myalgic encephalomyelitis: a cohort study from the North-West of England. <i>BMJ Open</i> , 2017, 7, e015296.	1.9	13
22	Nutritional Support to Counteract Muscle Atrophy. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1088, 483-495.	1.6	10
23	Graded reductions in pre-exercise glycogen concentration do not augment exercise-induced nuclear AMPK and PGC-1 $\alpha$ protein content in human muscle. <i>Experimental Physiology</i> , 2020, 105, 1882-1894.	2.0	8
24	Four Weeks of Probiotic Supplementation Alters the Metabolic Perturbations Induced by Marathon Running: Insight from Metabolomics. <i>Metabolites</i> , 2021, 11, 535.	2.9	7
25	“Fuel for the Damage Induced” Untargeted Metabolomics in Elite Rugby Union Match Play. <i>Metabolites</i> , 2021, 11, 544.	2.9	7
26	Micro RNA-184 and its long noncoding RNA sponge urothelial carcinoma associated 1 are induced in wounded keratinocytes in a store-operated calcium entry-dependent manner. <i>British Journal of Dermatology</i> , 2019, 180, 1533-1534.	1.5	4
27	Three weeks of a home-based “sleep low-train low” intervention improves functional threshold power in trained cyclists: A feasibility study. <i>PLoS ONE</i> , 2021, 16, e0260959.	2.5	4