

Timothy Etheridge

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

414
citations

759233

12
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

968
citing authors

#	ARTICLE	IF	CITATIONS
1	Microgravity elicits reproducible alterations in cytoskeletal and metabolic gene and protein expression in space-flown <i>Caenorhabditis elegans</i> . <i>Npj Microgravity</i> , 2016, 2, 15022.	3.7	62
2	Effects of hypoxia on muscle protein synthesis and anabolic signaling at rest and in response to acute resistance exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E697-E702.	3.5	47
3	Muscle strength deficiency and mitochondrial dysfunction in a muscular dystrophy model of <i>C. elegans</i> and its functional response to drugs. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	42
4	Calpains Mediate Integrin Attachment Complex Maintenance of Adult Muscle in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2012, 8, e1002471.	3.5	33
5	The integrinâ€œadhesome is required to maintain muscle structure, mitochondrial ATP production, and movement forces in <i>Caenorhabditis elegans</i> . <i>FASEB Journal</i> , 2015, 29, 1235-1246.	0.5	33
6	Mitochondrial hydrogen sulfide supplementation improves health in the <i>C. elegans</i> Duchenne muscular dystrophy model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
7	Mitochondrial dysfunction causes Ca ²⁺ overload and ECM degradationâ€œmediated muscle damage in <i>C. elegans</i> . <i>FASEB Journal</i> , 2019, 33, 9540-9550.	0.5	24
8	The Effectiveness of RNAi in <i>Caenorhabditis elegans</i> Is Maintained during Spaceflight. <i>PLoS ONE</i> , 2011, 6, e20459.	2.5	21
9	Transcriptomic metaâ€œanalysis of disuse muscle atrophy vs. resistance exerciseâ€œinduced hypertrophy in young and older humans. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 629-645.	7.3	15
10	Fluid dynamics alter <i>Caenorhabditis elegans</i> body length via TGF- β /DBL-1 neuromuscular signaling. <i>Npj Microgravity</i> , 2016, 2, 16006.	3.7	14
11	The acute transcriptional response to resistance exercise: impact of age and contraction mode. <i>Aging</i> , 2019, 11, 2111-2126.	3.1	14
12	Network analysis of human muscle adaptation to aging and contraction. <i>Aging</i> , 2020, 12, 740-755.	3.1	14
13	Spaceflight affects neuronal morphology and alters transcellular degradation of neuronal debris in adult <i>Caenorhabditis elegans</i> . <i>IScience</i> , 2021, 24, 102105.	4.1	12
14	Loss of physical contact in space alters the dopamine system in <i>C. elegans</i> . <i>IScience</i> , 2022, 25, 103762.	4.1	11
15	The mitochondriaâ€œtargeted hydrogen sulfide donor AP39 improves health and mitochondrial function in a <i>C. elegans</i> primary mitochondrial disease model. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 367-375.	3.6	10
16	Comparative Transcriptomics Identifies Neuronal and Metabolic Adaptations to Hypergravity and Microgravity in <i>Caenorhabditis elegans</i> . <i>IScience</i> , 2020, 23, 101734.	4.1	8
17	Molecular Muscle Experiment: Hardware and Operational Lessons for Future Astrobiology Space Experiments. <i>Astrobiology</i> , 2020, 20, 935-943.	3.0	8
18	Transcriptomic links to muscle mass loss and declines in cumulative muscle protein synthesis during shortâ€œterm disuse in healthy younger humans. <i>FASEB Journal</i> , 2021, 35, e21830.	0.5	8

#	ARTICLE	IF	CITATIONS
19	Transcriptomic adaptation during skeletal muscle habituation to eccentric or concentric exercise training. <i>Scientific Reports</i> , 2021, 11, 23930.	3.3	7
20	Challenges and practical recommendations for successfully recruiting inactive, statin-free older adults to clinical trials. <i>BMC Research Notes</i> , 2020, 13, 174.	1.4	2
21	Worms in Space for Outreach on Earth: Space Life Science Activities for the Classroom. <i>Gravitational and Space Research: Publication of the American Society for Gravitational and Space Research</i> , 2018, 6, 74-82.	0.8	1
22	Comparative Transcriptomics Identifies Altered Neuronal and Metabolic Function as Common Adaptations to Microgravity and Hypergravity in <i>Caenorhabditis elegans</i> . <i>SSRN Electronic Journal</i> , 0, , .	0.4	1