

# Muscle repair after physiological damage relies on nuclei reconstruction

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Resealing and rebuilding injured muscle. <i>Science</i> , 2021, 374, 262-263.	6.0	1
2	Stem cell aging in the skeletal muscle: The importance of communication. <i>Ageing Research Reviews</i> , 2022, 73, 101528.	5.0	21
3	Muscle adaptation to increased use. , 2022, , 77-93.		0
4	Innovation in culture systems to study muscle complexity. <i>Experimental Cell Research</i> , 2022, 411, 112966.	1.2	10
6	Decline of regenerative potential of old muscle stem cells: contribution to muscle aging. <i>FEBS Journal</i> , 2022, , .	2.2	3
7	Regulation of organelle size and organization during development. <i>Seminars in Cell and Developmental Biology</i> , 2023, 133, 53-64.	2.3	11
8	Nuclear envelope myopathy. <i>Neurology and Clinical Neuroscience</i> , 0, , .	0.2	0
9	Muscle is a stage, and cells and factors are merely players. <i>Trends in Cell Biology</i> , 2022, 32, 835-840.	3.6	7
10	An Evidence-Based Narrative Review of Mechanisms of Resistance Exercise-Induced Human Skeletal Muscle Hypertrophy. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 1546-1559.	0.2	22
11	Cross Talk rebuttal: Kirby and Dupont-Versteegden. <i>Journal of Physiology</i> , 2022, 600, 2085-2086.	1.3	5
12	Dimethylglycine sodium salt activates Nrf2/SIRT1/PGC1 $\alpha$ leading to the recovery of muscle stem cell dysfunction in newborns with intrauterine growth restriction. <i>Free Radical Biology and Medicine</i> , 2022, 184, 89-98.	1.3	5
13	Muscle wasting in cancer: opportunities and challenges for exercise in clinical cancer trials. <i>JCSM Rapid Communications</i> , 2022, 5, 52-67.	0.6	10
14	Mechanics and functional consequences of nuclear deformations. <i>Nature Reviews Molecular Cell Biology</i> , 2022, 23, 583-602.	16.1	123
15	Depletion of skeletal muscle satellite cells attenuates pathology in muscular dystrophy. <i>Nature Communications</i> , 2022, 13, .	5.8	22
16	Involvement of phosphatidylserine receptors in the skeletal muscle regeneration: therapeutic implications. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1961-1973.	2.9	13
17	Reconstitution of muscle cell microtubule organization in vitro. <i>Cytoskeleton</i> , 2021, 78, 492-502.	1.0	2
18	Ca <sup>2+</sup> as a coordinator of skeletal muscle differentiation, fusion and contraction. <i>FEBS Journal</i> , 2022, 289, 6531-6542.	2.2	9
19	Skeletal muscle and metabolic flexibility in response to changing energy demands in wild birds. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	6

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20	Molecular Regulation of Skeletal Muscle Stem Cells. , 2022, , .		0
21	Regulatory T cells in skeletal muscle repair and regeneration: recent insights. Cell Death and Disease, 2022, 13, .	2.7	11
22	Impaired regenerative capacity contributes to skeletal muscle dysfunction in chronic obstructive pulmonary disease. American Journal of Physiology - Cell Physiology, 2022, 323, C974-C989.	2.1	1
23	Biceps Femoris Fascicle Lengths Increase after Hamstring Injury Rehabilitation to a Greater Extent in the Injured Leg. Translational Sports Medicine, 2022, 2022, 1-8.	0.5	3
24	Comprehensive Review of the Vascular Niche in Regulating Organ Regeneration and Fibrosis. Stem Cells Translational Medicine, 2022, 11, 1135-1142.	1.6	5
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28	Role of macrophages during skeletal muscle regeneration and hypertrophyâ€”Implications for immunomodulatory strategies. Physiological Reports, 2022, 10, .	0.7	10
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31	Nuclear movement in multinucleated cells. Development (Cambridge), 2022, 149, .	1.2	5
32	Elevated Ca <sup>2+</sup> at the triad junction underlies dysregulation of Ca <sup>2+</sup> signaling in dysferlin-null skeletal muscle. Frontiers in Physiology, 0, 13, .	1.3	1
33	RACK1 is evolutionary conserved in satellite stem cell activation and adult skeletal muscle regeneration. Cell Death Discovery, 2022, 8, .	2.0	1
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37	The myonuclear domain in adult skeletal muscle fibres: past, present and future. Journal of Physiology, 2023, 601, 723-741.	1.3	12
38	Signaling pathways of adipose stem cell-derived exosomes promoting muscle regeneration. Chinese Medical Journal, 2022, 135, 2525-2534.	0.9	5
39	Temporal static and dynamic imaging of skeletal muscle in vivo. Experimental Cell Research, 2023, 424, 113484.	1.2	2
40	Facioscapulohumeral Disease as a myodevelopmental disease: Applying Ockhamâ€™s razor to its various features. Journal of Neuromuscular Diseases, 2023, , 1-15.	1.1	0

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41	Nuclear mechanosignaling in striated muscle diseases. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	0
42	The Role of Mitochondria in Mediation of Skeletal Muscle Repair. , 2023, 2, 119-163.		4
43	Delayed skeletal muscle repair following inflammatory damage in simulated agent-based models of muscle regeneration. <i>PLoS Computational Biology</i> , 2023, 19, e1011042.	1.5	3
44	Diabetes mellitus in peripheral artery disease: Beyond a risk factor. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	2
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