

Disrupting the LINC complex by AAV mediated gene tra Lamin induced cardiomyopathy

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Biomechanical signals regulating the structure of the heart. <i>Current Opinion in Physiology</i> , 2022, 25, 100482.	1.8	7
3	Cytoskeletal Protein Variants Driving Atrial Fibrillation: Potential Mechanisms of Action. <i>Cells</i> , 2022, 11, 416.	4.1	7
4	The right ventricular involvement in dilated cardiomyopathy: prevalence and prognostic implications of the often-neglected child. <i>Heart Failure Reviews</i> , 2022, 27, 1795-1805.	3.9	5
5	The microtubule cytoskeleton in cardiac mechanics and heart failure. <i>Nature Reviews Cardiology</i> , 2022, 19, 364-378.	13.7	31
6	Mechanics and functional consequences of nuclear deformations. <i>Nature Reviews Molecular Cell Biology</i> , 2022, 23, 583-602.	37.0	123
7	Role of actin-binding proteins in the regulation of cellular mechanics. <i>European Journal of Cell Biology</i> , 2022, 101, 151241.	3.6	14
8	Mechanics & Matrix: Positive Feedback Loops between Fibroblasts and ECM Drive Interstitial Cardiac Fibrosis. <i>Current Opinion in Physiology</i> , 2022, , 100560.	1.8	2
10	Nesprin-1 LINC complexes recruit microtubule cytoskeleton proteins and drive pathology in <i>LMNA</i> -mutant striated muscle. <i>Human Molecular Genetics</i> , 2023, 32, 177-191.	2.9	9
11	AAV-mediated gene therapy: Advancing cardiovascular disease treatment. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	10
12	Effects of mutant lamins on nucleo-cytoskeletal coupling in <i>Drosophila</i> models of LMNA muscular dystrophy. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	10
13	The grand challenge of discovering new cardiovascular drugs. <i>Frontiers in Drug Discovery</i> , 0, 2, .	2.8	3
14	Sarcomere maturation: function acquisition, molecular mechanism, and interplay with other organelles. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, .	4.0	16
17	Epigenetics in LMNA-Related Cardiomyopathy. <i>Cells</i> , 2023, 12, 783.	4.1	6
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19	TEAD1 trapping by the Q353R Lamin A/C causes dilated cardiomyopathy. <i>Science Advances</i> , 2023, 9, .	10.3	4
20	Lem2 is essential for cardiac development by maintaining nuclear integrity. <i>Cardiovascular Research</i> , 2023, 119, 2074-2088.	3.8	2
21	Mechanobiology of Cardiac Remodelling in Cardiomyopathy. <i>Cardiac and Vascular Biology</i> , 2023, , 121-139.	0.2	0
22	253rd ENMC international workshop: Striated muscle laminopathies - natural history and clinical trial readiness. 24-26 June 2022, Hoofddorp, The Netherlands. <i>Neuromuscular Disorders</i> , 2023, , .	0.6	0

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24	Nesprin-1: novel regulator of striated muscle nuclear positioning and mechanotransduction. Biochemical Society Transactions, 2023, 51, 1331-1345.	3.4	2
25	Modulation of cytoskeleton in cardiomyopathy caused by mutations in <i>LMNA</i> gene. American Journal of Physiology - Cell Physiology, 2023, 324, C1223-C1235.	4.6	4
26	Net39 protects muscle nuclei from mechanical stress during the pathogenesis of Emery-Dreifuss muscular dystrophy. Journal of Clinical Investigation, 2023, 133, .	8.2	2
27	Lamin A/C Ablation Restricted to Vascular Smooth Muscle Cells, Cardiomyocytes, and Cardiac Fibroblasts Causes Cardiac and Vascular Dysfunction. International Journal of Molecular Sciences, 2023, 24, 11172.	4.1	0
28	A common variant that alters SUN1 degradation associates with hepatic steatosis and metabolic traits in multiple cohorts. Journal of Hepatology, 2023, 79, 1226-1235.	3.7	1
29	Nuclear damage in <i>LMNA</i> mutant iPSC-derived cardiomyocytes is associated with impaired lamin localization to the nuclear envelope. Molecular Biology of the Cell, 2023, 34, .	2.1	0
31	Nucleus Mechanosensing in Cardiomyocytes. International Journal of Molecular Sciences, 2023, 24, 13341.	4.1	2
32	An alpha-helix variant p.Arg156Pro in LMNA as a cause of hereditary dilated cardiomyopathy: genetics and bioinformatics exploration. BMC Medical Genomics, 2023, 16, .	1.5	0
33	Systematic in vivo candidate evaluation uncovers therapeutic targets for LMNA dilated cardiomyopathy and risk of Lamin A toxicity. Journal of Translational Medicine, 2023, 21, .	4.4	0
34	Dynamic regulation of <i>LINC</i> complex composition and function across tissues and contexts. FEBS Letters, 2023, 597, 2823-2832.	2.8	5
35	Intermediate filaments in the heart: The dynamic duo of desmin and lamins orchestrates mechanical force transmission. Current Opinion in Cell Biology, 2023, 85, 102280.	5.4	1
36	Lactate and Immunomagnetic-purified hiPSC-derived cardiomyocytes generate comparable engineered cardiac tissue constructs. JCI Insight, 0, , .	5.0	1
37	Long live lamins. Journal of Cell Biology, 2024, 223, .	5.2	0
38	Comprehensive review on gene mutations contributing to dilated cardiomyopathy. Frontiers in Cardiovascular Medicine, 0, 10, .	2.4	0
40	A Hierarchical Mechanotransduction System: From Macro to Micro. Advanced Science, 0, , .	11.2	0
41	Modelling and targeting mechanical forces in organ fibrosis. , 2024, 2, 305-323.		0
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44	The structure and function of lamin A/C: Special focus on cardiomyopathy and therapeutic interventions. Life Sciences, 2024, 341, 122489.	4.3	0
45	Biomaterial-based mechanical regulation facilitates scarless wound healing with functional skin appendage regeneration. Military Medical Research, 2024, 11, .	3.4	0