

Filamin C plays an essential role in the maintenance of t
and skeletal muscles, revealed by the medaka mutant za

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Greater insulin-mediated Akt phosphorylation concomitant with heterogeneous effects on phosphorylation of Akt substrates in soleus of calorie-restricted rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R1261-R1267.	0.9	11
2	Preventing the calorie restriction-induced increase in insulin-stimulated Akt2 phosphorylation eliminates calorie restriction's effect on glucose uptake in skeletal muscle. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1735-1740.	1.8	24
3	Filamin C-related myopathies: pathology and mechanisms. <i>Acta Neuropathologica</i> , 2013, 125, 33-46.	3.9	106
4	Greater filamin C, GSK3 β , and GSK3 γ serine phosphorylation in insulin-stimulated isolated skeletal muscles of calorie restricted 24 month-old rats. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 60-63.	2.2	11
5	Loss of ALS-associated TDP-43 in zebrafish causes muscle degeneration, vascular dysfunction, and reduced motor neuron axon outgrowth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4986-4991.	3.3	126
6	Myofibrillar myopathies. <i>Current Opinion in Neurology</i> , 2013, 26, 527-535.	1.8	48
7	High Precision Platelet Release Definition by Quantitative Reversed Protein Profiling—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1635-1638.	1.1	90
8	Expression of DUX4 in zebrafish development recapitulates facioscapulohumeral muscular dystrophy. <i>Human Molecular Genetics</i> , 2013, 22, 568-577.	1.4	70
9	Z-disc-associated, Alternatively Spliced, PDZ Motif-containing Protein (ZASP) Mutations in the Actin-binding Domain Cause Disruption of Skeletal Muscle Actin Filaments in Myofibrillar Myopathy. <i>Journal of Biological Chemistry</i> , 2014, 289, 13615-13626.	1.6	46
10	The effect of disease on human cardiac protein expression profiles in paired samples from right and left ventricles. <i>Clinical Proteomics</i> , 2014, 11, 34.	1.1	17
11	Discovery of serum protein biomarkers in the mdx mouse model and cross-species comparison to Duchenne muscular dystrophy patients. <i>Human Molecular Genetics</i> , 2014, 23, 6458-6469.	1.4	106
12	Aciculin interacts with filamin C and Xin and is essential for myofibril assembly, remodeling and maintenance. <i>Journal of Cell Science</i> , 2014, 127, 3578-92.	1.2	51
13	Regular heartbeat rhythm at the heartbeat initiation stage is essential for normal cardiogenesis at low temperature. <i>BMC Developmental Biology</i> , 2014, 14, 12.	2.1	12
14	The role of ubiquitin ligases in cardiac disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 71, 43-53.	0.9	70
15	Mutations in filamin C cause a new form of familial hypertrophic cardiomyopathy. <i>Nature Communications</i> , 2014, 5, 5326.	5.8	154
16	Targeted Analysis of Whole Genome Sequence Data to Diagnose Genetic Cardiomyopathy. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 751-759.	5.1	53
17	Filamin B Enhances the Invasiveness of Cancer Cells into 3D Collagen Matrices. <i>Cell Structure and Function</i> , 2015, 40, 61-67.	0.5	23
18	Mechanisms for independent and combined effects of calorie restriction and acute exercise on insulin-stimulated glucose uptake by skeletal muscle of old rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E603-E612.	1.8	21

#	ARTICLE	IF	CITATIONS
19	<i>Drosophila</i> small heat shock protein CryAB ensures structural integrity of developing muscles, and proper muscle and heart performance. <i>Development (Cambridge)</i> , 2015, 142, 994-1005.	1.2	47
20	Fiber type effects on contraction-stimulated glucose uptake and GLUT4 abundance in single fibers from rat skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E223-E230.	1.8	21
21	Heme-induced contractile dysfunction in Human cardiomyocytes caused by oxidant damage to thick filament proteins. <i>Free Radical Biology and Medicine</i> , 2015, 89, 248-262.	1.3	23
22	The E3 ubiquitin ligase Asb2 ^{Δ2} is downregulated in a mouse model of hypertrophic cardiomyopathy and targets desmin for proteasomal degradation. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 87, 214-224.	0.9	35
23	Myofibrillar instability exacerbated by acute exercise in filaminopathy. <i>Human Molecular Genetics</i> , 2015, 24, 7207-7220.	1.4	50
24	Mutations in <i>FLNC</i> are Associated with Familial Restrictive Cardiomyopathy. <i>Human Mutation</i> , 2016, 37, 269-279.	1.1	138
25	HSPB7 interacts with dimerized FLNC and its absence results in progressive myopathy in skeletal muscles. <i>Journal of Cell Science</i> , 2016, 129, 1661-70.	1.2	49
26	Congenital dilated cardiomyopathy caused by biallelic mutations in Filamin C. <i>European Journal of Human Genetics</i> , 2016, 24, 1792-1796.	1.4	36
27	FLNC Gene Splice Mutations Cause Dilated Cardiomyopathy. <i>JACC Basic To Translational Science</i> , 2016, 1, 344-359.	1.9	87
28	Spectrum of Mutations in Hypertrophic Cardiomyopathy Genes Among Tunisian Patients. <i>Genetic Testing and Molecular Biomarkers</i> , 2016, 20, 674-679.	0.3	11
29	Truncating FLNC Mutations Are Associated With High-Risk Dilated and Arrhythmogenic Cardiomyopathies. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2440-2451.	1.2	340
30	Calorie restriction leads to greater Akt2 activity and glucose uptake by insulin-stimulated skeletal muscle from old rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R449-R458.	0.9	15
31	Slow recovery of the impaired fatigue resistance in postunloading mouse soleus muscle corresponding to decreased mitochondrial function and a compensatory increase in type I slow fibers. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C27-C40.	2.1	22
32	Insulin Signaling and Glucose Uptake in the Soleus Muscle of 30-Month-Old Rats After Calorie Restriction With or Without Acute Exercise. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 323-332.	1.7	19
33	Triosephosphate Isomerase and Filamin C Share Common Epitopes as Novel Allergens of <i>Procambarus clarkii</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 950-963.	2.4	35
34	Refining the molecular organization of the cardiac intercalated disc. <i>Cardiovascular Research</i> , 2017, 113, cvw259.	1.8	151
35	Atrial electrophysiological and molecular remodelling induced by obstructive sleep apnoea. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2223-2235.	1.6	28
36	Truncating mutations on myofibrillar myopathies causing genes as prevalent molecular explanations on patients with dilated cardiomyopathy. <i>Clinical Genetics</i> , 2017, 92, 616-623.	1.0	38

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37	Myofibrillar Myopathies: New Perspectives from Animal Models to Potential Therapeutic Approaches. <i>Journal of Neuromuscular Diseases</i> , 2017, 4, 1-15.	1.1	29
38	HSPB7 prevents cardiac conduction system defect through maintaining intercalated disc integrity. <i>PLoS Genetics</i> , 2017, 13, e1006984.	1.5	19
39	Filamin actin-binding and titin-binding fulfill distinct functions in Z-disc cohesion. <i>PLoS Genetics</i> , 2017, 13, e1006880.	1.5	40
40	Hspb7 is a cardioprotective chaperone facilitating sarcomeric proteostasis. <i>Developmental Biology</i> , 2018, 435, 41-55.	0.9	39
41	A novel splicing variant in FLNC gene responsible for a highly penetrant familial dilated cardiomyopathy in an extended Iranian family. <i>Gene</i> , 2018, 659, 160-167.	1.0	14
42	RNA-Seq transcriptome analysis of breast muscle in Pekin ducks supplemented with the dietary probiotic <i>Clostridium butyricum</i> . <i>BMC Genomics</i> , 2018, 19, 844.	1.2	14
43	Variants in <i>NKX2-5</i> and <i>FLNC</i> Cause Dilated Cardiomyopathy and Sudden Cardiac Death. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002151.	1.6	27
44	Comparative Phospho- and Acetyl Proteomics Analysis of Posttranslational Modifications Regulating Intestine Regeneration in Sea Cucumbers. <i>Frontiers in Physiology</i> , 2018, 9, 836.	1.3	10
45	A novel familial truncating mutation in the filamin C gene associated with cardiac arrhythmias. <i>European Journal of Medical Genetics</i> , 2019, 62, 282-285.	0.7	8
46	Mass Spectrometry Based Comparative Proteomics Using One Dimensional and Two Dimensional SDS-PAGE of Rat Atria Induced with Obstructive Sleep Apnea. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1140, 541-561.	0.8	2
47	<i>FLNC</i> pathogenic variants in patients with cardiomyopathies: Prevalence and genotype-phenotype correlations. <i>Clinical Genetics</i> , 2019, 96, 317-329.	1.0	63
48	Sequence variants with large effects on cardiac electrophysiology and disease. <i>Nature Communications</i> , 2019, 10, 4803.	5.8	28
49	A novel mutation in the N-terminal actin-binding domain of Filamin C protein causing a distal myofibrillar myopathy. <i>Journal of the Neurological Sciences</i> , 2019, 398, 75-78.	0.3	10
50	HspB1 phosphorylation regulates its intramolecular dynamics and mechanosensitive molecular chaperone interaction with filamin C. <i>Science Advances</i> , 2019, 5, eaav8421.	4.7	52
51	High filamin-C expression predicts enhanced invasiveness and poor outcome in glioblastoma multiforme. <i>British Journal of Cancer</i> , 2019, 120, 819-826.	2.9	28
52	New family with <i>HSPB8</i> -associated autosomal dominant rimmed vacuolar myopathy. <i>Neurology: Genetics</i> , 2019, 5, e349.	0.9	24
53	Phosphoproteomics identifies dual-site phosphorylation in an extended basophilic motif regulating FILIP1-mediated degradation of filamin-C. <i>Communications Biology</i> , 2020, 3, 253.	2.0	25
54	Animal Models of Cardiomyopathies. , 0, , .		5

#	ARTICLE	IF	CITATIONS
55	Loss of Asb2 Impairs Cardiomyocyte Differentiation and Leads to Congenital Double Outlet Right Ventricle. <i>IScience</i> , 2020, 23, 100959.	1.9	8
56	A mutation update for the <i>FLNC</i> gene in myopathies and cardiomyopathies. <i>Human Mutation</i> , 2020, 41, 1091-1111.	1.1	92
57	Genetic basis and molecular biology of cardiac arrhythmias in cardiomyopathies. <i>Cardiovascular Research</i> , 2020, 116, 1600-1619.	1.8	28
58	Small heat-shock proteins and their role in mechanical stress. <i>Cell Stress and Chaperones</i> , 2020, 25, 601-613.	1.2	30
59	<i>Drosophila</i> NUAK functions with Starvin/BAG3 in autophagic protein turnover. <i>PLoS Genetics</i> , 2020, 16, e1008700.	1.5	17
60	Candidate gene expression and coding sequence variants in Warmblood horses with myofibrillar myopathy. <i>Equine Veterinary Journal</i> , 2021, 53, 306-315.	0.9	7
61	Brugada syndrome and arrhythmogenic cardiomyopathy: overlapping disorders of the connexome?. <i>Europace</i> , 2021, 23, 653-664.	0.7	16
62	The mechanobiome: a goldmine for cancer therapeutics. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C306-C323.	2.1	11
63	Genetics of Cardiomyopathy: Clinical and Mechanistic Implications for Heart Failure. <i>Korean Circulation Journal</i> , 2021, 51, 797.	0.7	13
64	The p.Ala2430Val mutation in filamin C causes a "hypertrophic myofibrillar cardiomyopathy". <i>Journal of Muscle Research and Cell Motility</i> , 2021, 42, 381-397.	0.9	4
65	The Z-Disk Final Common Pathway in Cardiomyopathies. , 0, , .		1
66	Filamin C Cardiomyopathy Variants Cause Protein and Lysosome Accumulation. <i>Circulation Research</i> , 2021, 129, 751-766.	2.0	25
67	Revelation of candidate genes and molecular mechanism of reproductive seasonality in female rohu (<i>Labeo rohita</i> Ham.) by RNA sequencing. <i>BMC Genomics</i> , 2021, 22, 685.	1.2	3
69	Ablation of the Cardiac-Specific Gene Leucine-Rich Repeat Containing 10 (<i>Lrrc10</i>) Results in Dilated Cardiomyopathy. <i>PLoS ONE</i> , 2012, 7, e51621.	1.1	37
70	Exome-wide association study reveals novel susceptibility genes to sporadic dilated cardiomyopathy. <i>PLoS ONE</i> , 2017, 12, e0172995.	1.1	92
71	A novel <i>FLNC</i> frameshift and an <i>OBSCN</i> variant in a family with distal muscular dystrophy. <i>PLoS ONE</i> , 2017, 12, e0186642.	1.1	29
72	Filamin C: a novel component of the <i>KCNE2</i> interactome during hypoxia. <i>Cardiovascular Journal of Africa</i> , 2016, 27, 4-11.	0.2	8
73	Molecular Pathways and Animal Models of Cardiomyopathies. , 2016, , 687-711.		0

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75	Clinical and morphological characteristics of restrictive cardiomyopathy associated with mutations in the filamin c gene. <i>Translational Medicine</i> , 2018, 5, 15-22.	0.1	1
76	Fos regulates macrophage infiltration against surrounding tissue resistance by a cortical actin-based mechanism in <i>Drosophila</i> . <i>PLoS Biology</i> , 2022, 20, e3001494.	2.6	12
77	Subcellular Remodeling in Filamin C Deficient Mouse Hearts Impairs Myocyte Tension Development during Progression of Dilated Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 871.	1.8	8
78	Genetic Insights into Primary Restrictive Cardiomyopathy. <i>Journal of Clinical Medicine</i> , 2022, 11, 2094.	1.0	10
81	LMNA mutation leads to cardiac sodium channel dysfunction in the Emery-Dreifuss muscular dystrophy patient. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	3
82	<i>Drosophila</i> CRISPR/Cas9 mutants as tools to analyse cardiac filamin function and pathogenicity of human FLNC variants. <i>Biology Open</i> , 0, , .	0.6	3
83	Cardiovascular Involvement in Pediatric FLNC Variants: A Case Series of Fourteen Patients. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 332.	0.8	2
84	Filamin C is Essential for mammalian myocardial integrity. <i>PLoS Genetics</i> , 2023, 19, e1010630.	1.5	4