Yassemi Capetanaki

List of Publications by Year
in descending order

43	3,468	172457 29	265206 42
papers	citations	h-index	g-index

43	43	43	3527
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single hematopoietic stem cells generate skeletal muscle through myeloid intermediates. Nature Medicine, 2003, 9, 1520-1527.	30.7	379
2	Desmin Cytoskeleton Linked to Muscle Mitochondrial Distribution and Respiratory Function. Journal of Cell Biology, 2000, 150, 1283-1298.	5.2	330
3	Muscle intermediate filaments and their links to membranes and membranous organelles. Experimental Cell Research, 2007, 313, 2063-2076.	2.6	237
4	Desmin Cytoskeleton A Potential Regulator of Muscle Mitochondrial Behavior and Function. Trends in Cardiovascular Medicine, 2002, 12, 339-348.	4.9	196
5	Desmin in Muscle Formation and Maintenance: Knockouts and Consequences.. Cell Structure and Function, 1997, 22, 103-116.	1.1	193
6	The Absence of Desmin Leads to Cardiomyocyte Hypertrophy and Cardiac Dilation with Compromised Systolic Function. Journal of Molecular and Cellular Cardiology, 1999, 31, 2063-2076.	1.9	159
7	Bcl-2 overexpression corrects mitochondrial defects and ameliorates inherited desmin null cardiomyopathy. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 769-774.	7.1	120
8	A Single MEF2 Site Governs Desmin Transcription in Both Heart and Skeletal Muscle during Mouse Embryogenesis. Developmental Biology, 1996, 174, 1-13.	2.0	119
9	Cytoskeletal Control of Myogenesis: A Desmin Null Mutation Blocks the Myogenic Pathway during Embryonic Stem Cell Differentiation. Developmental Biology, 1995, 172, 422-439.	2.0	112
10	Desmin knockout muscles generate lower stress and are less vulnerable to injury compared with wild-type muscles. American Journal of Physiology - Cell Physiology, 2000, 279, C1116-C1122.	4.6	112
11	Structural and Functional Roles of Desmin in Mouse Skeletal Muscle during Passive Deformation. Biophysical Journal, 2004, 86, 2993-3008.	0.5	112
12	Desmin related disease: a matter of cell survival failure. Current Opinion in Cell Biology, 2015, 32, 113-120.	5.4	103
13	Regulation of the mouse desmin gene: transactivation by MyoD, myogenin, MRF4 and Myf5. Nucleic Acids Research, 1993, 21, 335-343.	14.5	93
14	Tumor necrosis factor-Î± confers cardioprotection through ectopic expression of keratins K8 and K18. Nature Medicine, 2015, 21, 1076-1084.	30.7	93
15	Type III Intermediate Filaments Desmin, Glial Fibrillary Acidic Protein (GFAP), Vimentin, and Peripherin. Cold Spring Harbor Perspectives in Biology, 2017, 9, a021642.	5.5	89
16	Regulation of adverse remodelling by osteopontin in a genetic heart failure model. European Heart Journal, 2012, 33, 1954-1963.	2.2	80
17	Sarcolemmal Organization in Skeletal Muscle Lacking Desmin: Evidence for Cytokeratins Associated with the Membrane Skeleton at Costameres. Molecular Biology of the Cell, 2002, 13, 2347-2359.	2.1	77
18	Intermediate filaments in cardiomyopathy. Biophysical Reviews, 2018, 10, 1007-1031.	3.2	71

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19	Desmin mediates TNF-Î±â€“induced aggregate formation and intercalated disk reorganization in heart failure. Journal of Cell Biology, 2008, 181, 761-775.	5.2	62
20	Desmin and Î±B-crystallin interplay in maintenance of mitochondrial homeostasis and cardiomyocyte survival. Journal of Cell Science, 2016, 129, 3705-3720.	2.0	59
21	Costameres: Repeating Structures at the Sarcolemma of Skeletal Muscle. Clinical Orthopaedics and Related Research, 2002, 403, S203-S210.	1.5	57
22	Alterations in the heart mitochondrial proteome in a desmin null heart failure model. Journal of Molecular and Cellular Cardiology, 2005, 38, 461-474.	1.9	57
23	Extensive Induction of Important Mediators of Fibrosis and Dystrophic Calcification in Desmin-Deficient Cardiomyopathy. American Journal of Pathology, 2002, 160, 943-952.	3.8	50
24	Proper Perinuclear Localization of the TRIM-like Protein Myospryn Requires Its Binding Partner Desmin. Journal of Biological Chemistry, 2007, 282, 35211-35221.	3.4	48
25	Loss of desmin leads to impaired voluntary wheel running and treadmill exercise performance. Journal of Applied Physiology, 2003, 95, 1617-1622.	2.5	46
26	Three in a Box: Understanding Cardiomyocyte, Fibroblast, and Innate Immune Cell Interactions to Orchestrate Cardiac Repair Processes. Frontiers in Cardiovascular Medicine, 2019, 6, 32.	2.4	43
27	A missense mutation in desmin tail domain linked to human dilated cardiomyopathy promotes cleavage of the head domain and abolishes its Zâ€disc localization. FASEB Journal, 2008, 22, 3318-3327.	0.5	40
28	Evidence for increased myofibrillar mobility in desmin-null mouse skeletal muscle. Journal of Experimental Biology, 2002, 205, 321-325.	1.7	39
29	Complement system modulation as a target for treatment of arrhythmogenic cardiomyopathy. Basic Research in Cardiology, 2015, 110, 27.	5.9	38
30	Amelioration of desmin network defects by Î±B-crystallin overexpression confers cardioprotection in a mouse model of dilated cardiomyopathy caused by LMNA gene mutation. Journal of Molecular and Cellular Cardiology, 2018, 125, 73-86.	1.9	31
31	Skeletal and Cardiac Muscle Disorders Caused by Mutations in Genes Encoding Intermediate Filament Proteins. International Journal of Molecular Sciences, 2021, 22, 4256.	4.1	29
32	Îœyospryn: a multifunctional desmin-associated protein. Histochemistry and Cell Biology, 2013, 140, 55-63.	1.7	28
33	Cardiomyocyte-specific desmin rescue of desmin null cardiomyopathy excludes vascular involvement. Journal of Molecular and Cellular Cardiology, 2004, 36, 121-128.	1.9	27
34	Nebulette is a powerful cytolinker organizing desmin and actin in mouse hearts. Molecular Biology of the Cell, 2016, 27, 3869-3882.	2.1	26
35	Desmin cytoskeleton in healthy and failing heart. , 2000, 5, 203-220.		23
36	Desmin enters the nucleus of cardiac stem cells and modulates Nkx2.5 expression by participating in transcription factor complexes that interact with thenkx2.5gene. Biology Open, 2016, 5, 140-153.	1.2	21

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37	Opposite effects of catalase and MnSOD ectopic expression on stress induced defects and mortality in the desmin deficient cardiomyopathy model. Free Radical Biology and Medicine, 2017, 110, 206-218.	2.9	20
38	Amino-terminally truncated desmin rescues fusion ofdesâ^'/â^'myoblasts but negatively affects cardiomyogenesis and smooth muscle development. FEBS Letters, 2002, 523, 229-233.	2.8	16
39	Strategies to Study Desmin in Cardiac Muscle and Culture Systems. Methods in Enzymology, 2016, 568, 427-459.	1.0	14
40	Galectin-3 interferes with tissue repair and promotes cardiac dysfunction and comorbidities in a genetic heart failure model. Cellular and Molecular Life Sciences, 2022, 79, 250.	5.4	10
41	Desmin deficiency affects the microenvironment of the cardiac side population and Sca1+ stem cell population of the adult heart and impairs their cardiomyogenic commitment. Cell and Tissue Research, 2022, 389, 309-326.	2.9	4
42	Myospryn deficiency leads to impaired cardiac structure and function and schizophrenia-associated symptoms. Cell and Tissue Research, 2021, 385, 675-696.	2.9	3
43	Desmin deficiency is not sufficient to prevent corneal fibrosis. Experimental Eye Research, 2019, 180, 155-163.	2.6	2