Federica Accornero

List of Publications by Year in descending order

42 papers	1,690 citations	331259 21 h-index	301761 39 g-index
43 all docs	43 docs citations	43 times ranked	2858 citing authors

#	Article	IF	Citations
1	The N ⁶ -Methyladenosine mRNA Methylase METTL3 Controls Cardiac Homeostasis and Hypertrophy. Circulation, 2019, 139, 533-545.	1.6	279
2	Extracellular Signal-Regulated Kinases 1 and 2 Regulate the Balance Between Eccentric and Concentric Cardiac Growth. Circulation Research, 2011, 108, 176-183.	2.0	217
3	Cardiac Overexpression of Melusin Protects From Dilated Cardiomyopathy Due to Long-Standing Pressure Overload. Circulation Research, 2005, 96, 1087-1094.	2.0	101
4	STIM1 elevation in the heart results in aberrant Ca2+ handling and cardiomyopathy. Journal of Molecular and Cellular Cardiology, 2015, 87, 38-47.	0.9	97
5	CTGF/CCN2 is an autocrine regulator of cardiac fibrosis. Journal of Molecular and Cellular Cardiology, 2018, 121, 205-211.	0.9	94
6	Placental Growth Factor Regulates Cardiac Adaptation and Hypertrophy Through a Paracrine Mechanism. Circulation Research, 2011, 109, 272-280.	2.0	84
7	Genetic Analysis of Connective Tissue Growth Factor as an Effector of Transforming Growth Factor Î² Signaling and Cardiac Remodeling. Molecular and Cellular Biology, 2015, 35, 2154-2164.	1.1	70
8	IFITM3 protects the heart during influenza virus infection. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18607-18612.	3.3	65
9	Thbs1 induces lethal cardiac atrophy through PERK-ATF4 regulated autophagy. Nature Communications, 2021, 12, 3928.	5.8	60
10	Enhanced Ca2+ influx from STIM1â€“Orai1 induces muscle pathology in mouse models of muscular dystrophy. Human Molecular Genetics, 2014, 23, 3706-3715.	1.4	52
11	The mammalian CHORDâ€containing protein melusin is a stress response protein interacting with Hsp90 and Sgt1. FEBS Letters, 2008, 582, 1788-1794.	1.3	46
12	Myofiber-specific inhibition of TGFÎ² signaling protects skeletal muscle from injury and dystrophic disease in mice. Human Molecular Genetics, 2014, 23, 6903-6915.	1.4	44
13	Satellite Cell Depletion Disrupts Transcriptional Coordination and Muscle Adaptation to Exercise. Function, 2020, 2, zqaa033.	1.1	43
14	Genetic manipulation of CCN2/CTGF unveils cellâ€specific ECMâ€remodeling effects in injured skeletal muscle. FASEB Journal, 2019, 33, 2047-2057.	0.2	38
15	BEX1 is an RNA-dependent mediator of cardiomyopathy. Nature Communications, 2017, 8, 1875.	5.8	33
16	At the heart of inter- and intracellular signaling: the intercalated disc. Biophysical Reviews, 2018, 10, 961-971.	1.5	28
17	Placental Growth Factor as a Protective Paracrine Effector in the Heart. Trends in Cardiovascular Medicine, 2011, 21, 220-224.	2.3	27
18	TGF-Î²1 affects cell-cell adhesion in the heart in an NCAM1-dependent mechanism. Journal of Molecular and Cellular Cardiology, 2017, 112, 49-57.	0.9	27

#	Article	IF	Citations
19	RNA epigenetics and cardiovascular diseases. Journal of Molecular and Cellular Cardiology, 2019, 129, 272-280.	0.9	25
20	Remodeling of the m6A landscape in the heart reveals few conserved post-transcriptional events underlying cardiomyocyte hypertrophy. Journal of Molecular and Cellular Cardiology, 2021, 151, 46-55.	0.9	24
21	The m6A methyltransferase METTL3 regulates muscle maintenance and growth in mice. Nature Communications, 2022, 13, 168.	5.8	24
22	Î²IV-Spectrin/STAT3 complex regulates fibroblast phenotype, fibrosis, and cardiac function. JCI Insight, 2019, 4, .	2.3	19
23	Cardiovascular inflammation: RNA takes the lead. Journal of Molecular and Cellular Cardiology, 2019, 129, 247-256.	0.9	17
24	Micro-dystrophin gene therapy prevents heart failure in an improved Duchenne muscular dystrophy cardiomyopathy mouse model. JCI Insight, 2021, 6, .	2.3	17
25	ERK1/2: An Integrator of Signals That Alters Cardiac Homeostasis and Growth. Biology, 2021, 10, 346.	1.3	17
26	Microfibrillar-Associated Protein 4 Regulates Stress-Induced Cardiac Remodeling. Circulation Research, 2021, 128, 723-737.	2.0	16
27	Altered melusin expression in the hearts of aortic stenosis patients. European Journal of Heart Failure, 2007, 9, 568-573.	2.9	15
28	Epitranscriptomics in the Heart: a Focus on m6A. Current Heart Failure Reports, 2020, 17, 205-212.	1.3	14
29	Phase Separation and Disorder-to-Order Transition of Human Brain Expressed X-Linked 3 (hBEX3) in the Presence of Small Fragments of tRNA. Journal of Molecular Biology, 2020, 432, 2319-2348.	2.0	13
30	Optimized protocols for isolation, fixation, and flow cytometric characterization of leukocytes in ischemic hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H658-H666.	1.5	12
31	Viruses in the Heart: Direct and Indirect Routes to Myocarditis and Heart Failure. Viruses, 2021, 13, 1924.	1.5	12
32	Paracardial fat remodeling affects systemic metabolism through alcohol dehydrogenase 1. Journal of Clinical Investigation, 2021, 131, .	3.9	11
33	Influenza virus replication in cardiomyocytes drives heart dysfunction and fibrosis. Science Advances, 2022, 8, eabm5371.	4.7	11
34	Mineralocorticoid Receptor Signaling Contributes to Normal Muscle Repair After Acute Injury. Frontiers in Physiology, 2019, 10, 1324.	1.3	9
35	The importance of <scp>RNA</scp> modifications: From cells to muscle physiology. Wiley Interdisciplinary Reviews RNA, 2022, 13, e1700.	3.2	8
36	From canonical to modified nucleotides: balancing translation and metabolism. Critical Reviews in Biochemistry and Molecular Biology, 2020, 55, 525-540.	2.3	6

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37	Cardiac-derived TGF-Î²1 confers resistance to diet-induced obesity through the regulation of adipocyte size and function. Molecular Metabolism, 2021, 54, 101343.	3.0	4
38	Pyridostigmine improves cardiac function and rhythmicity through RyR2 stabilization and inhibition of STIM1â€mediated calcium entry in heart failure. Journal of Cellular and Molecular Medicine, 2021, 25, 4637-4648.	1.6	3
39	CCN2 participates in overload-induced skeletal muscle hypertrophy. Matrix Biology, 2022, 106, 1-11.	1.5	3
40	Altered Expression of Zonula occludens-1 Affects Cardiac Na+ Channels and Increases Susceptibility to Ventricular Arrhythmias. Cells, 2022, 11, 665.	1.8	3
41	m6A RNA methylation: A dynamic regulator of cardiac muscle and extracellular matrix. Current Opinion in Physiology, 2022, , 100561.	0.9	2
42	BEX1 is a critical determinant of viral myocarditis. PLoS Pathogens, 2022, 18, e1010342.	2.1	0