Paula A Da Costa Martins

List of Publications by Year
in descending order

43 papers	2,028 citations	394421 19 h-index	265206 42 g-index
43 all docs	43 docs citations	43 times ranked	3519 citing authors

#	Article	IF	Citations
1	MicroRNA-199b targets the nuclear kinase Dyrk1a in an auto-amplification loop promoting calcineurin/NFAT signalling. Nature Cell Biology, 2010, 12, 1220-1227.	10.3	289
2	Circulating miR-29a, Among Other Up-Regulated MicroRNAs, Is the Only Biomarker for Both Hypertrophy and Fibrosis in Patients With Hypertrophic Cardiomyopathy. Journal of the American College of Cardiology, 2014, 63, 920-927.	2.8	270
3	Native and bioengineered extracellular vesicles for cardiovascular therapeutics. Nature Reviews Cardiology, 2020, 17, 685-697.	13.7	228
4	The Hypoxia-Inducible MicroRNA Cluster miR-199aâˆ¼214 Targets Myocardial PPARÎ´ and Impairs Mitochondrial Fatty Acid Oxidation. Cell Metabolism, 2013, 18, 341-354.	16.2	193
5	MicroRNAs in control of cardiac hypertrophy. Cardiovascular Research, 2012, 93, 563-572.	3.8	135
6	Nfat and miR-25 cooperate to reactivate the transcription factor Hand2 in heart failure. Nature Cell Biology, 2013, 15, 1282-1293.	10.3	126
7	A Deep Sequencing Approach to Uncover the miRNOME in the Human Heart. PLoS ONE, 2013, 8, e57800.	2.5	88
8	Circulating miRNAs: Reflecting or Affecting Cardiovascular Disease?. Current Hypertension Reports, 2012, 14, 498-509.	3.5	83
9	Cooperative Synergy between NFAT and MyoD Regulates Myogenin Expression and Myogenesis. Journal of Biological Chemistry, 2008, 283, 29004-29010.	3.4	72
10	A circadian clock in the sinus node mediates day-night rhythms in Hcn4 and heart rate. Heart Rhythm, 2021, 18, 801-810.	0.7	46
11	Therapeutic Delivery of miR-148a Suppresses Ventricular Dilation in Heart Failure. Molecular Therapy, 2019, 27, 584-599.	8.2	41
12	miR-21: a star player in cardiac hypertrophy. Cardiovascular Research, 2015, 105, 235-237.	3.8	36
13	Interplay of N acetyl cysteine and melatonin in regulating oxidative stress-induced cardiac hypertrophic factors and microRNAs. Archives of Biochemistry and Biophysics, 2019, 661, 56-65.	3.0	34
14	Targeting microRNAs in heart failure. Trends in Cardiovascular Medicine, 2016, 26, 99-110.	4.9	29
15	Extracellular Vesicle miRNAs in the Promotion of Cardiac Neovascularisation. Frontiers in Physiology, 2020, 11, 579892.	2.8	27
16	miR-199b-5p is a regulator of left ventricular remodeling following myocardial infarction. Non-coding RNA Research, 2017, 2, 18-26.	4.6	24
17	Nonâ€coding RNAs in cardiac hypertrophy. Journal of Physiology, 2017, 595, 4037-4050.	2.9	24
18	Intrinsic Electrical Remodeling Underlies Atrioventricular Block in Athletes. Circulation Research, 2021, 129, e1-e20.	4.5	23

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19	Comparison of different chemically modified inhibitors of miR-199b in vivo. Biochemical Pharmacology, 2019, 159, 106-115.	4.4	21
20	Antisense MicroRNA Therapeutics in Cardiovascular Disease: Quo Vadis?. Molecular Therapy, 2015, 23, 1810-1818.	8.2	20
21	Myocardial cell-to-cell communication via microRNAs. Non-coding RNA Research, 2018, 3, 144-153.	4.6	19
22	MicroRNA Expression in Myocardial Tissue and Plasma of Patients with End-Stage Heart Failure during LVAD Support: Comparison of Continuous and Pulsatile Devices. PLoS ONE, 2015, 10, e0136404.	2.5	18
23	Adaptive capacity of the right ventricle: why does it fail?. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H803-H813.	3.2	18
24	MiR-337-3p Promotes Adipocyte Browning by Inhibiting TWIST1. Cells, 2020, 9, 1056.	4.1	17
25	Epigenetic Regulation of Pulmonary Arterial Hypertension-Induced Vascular and Right Ventricular Remodeling: New Opportunities?. International Journal of Molecular Sciences, 2020, 21, 8901.	4.1	16
26	Regulation of microvascularization in heart failure - an endothelial cell, non-coding RNAs and exosome liaison. Non-coding RNA Research, 2017, 2, 45-55.	4.6	15
27	A microRNA program regulates the balance between cardiomyocyte hyperplasia and hypertrophy and stimulates cardiac regeneration. Nature Communications, 2021, 12, 4808.	12.8	13
28	Non-Coding RNAs as Blood-Based Biomarkers in Cardiovascular Disease. International Journal of Molecular Sciences, 2020, 21, 9285.	4.1	12
29	Intercellular transfer of miR-200c-3p impairs the angiogenic capacity of cardiac endothelial cells. Molecular Therapy, 2022, 30, 2257-2273.	8.2	12
30	Non-coding RNAs in endothelial cell signalling and hypoxia during cardiac regeneration. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118515.	4.1	11
31	Non-coding RNAs in Cardiac Intercellular Communication. Frontiers in Physiology, 2020, 11, 738.	2.8	11
32	Supplementing Exposure to Hypoxia with a Copper Depleted Diet Does Not Exacerbate Right Ventricular Remodeling in Mice. PLoS ONE, 2014, 9, e92983.	2.5	10
33	MicroRNAs and ventricular remodeling in aortic stenosis. Revista Portuguesa De Cardiologia, 2020, 39, 377-387.	0.5	10
34	Circulating miR-216a as a biomarker of metabolic alterations and obesity in women. Non-coding RNA Research, 2020, 5, 144-152.	4.6	7
35	Extracellular vesicles enriched with an endothelial cell pro-survival microRNA affects skin tissue regeneration. Molecular Therapy - Nucleic Acids, 2022, 28, 307-327.	5.1	7
36	Stereological estimation of cardiomyocyte number and proliferation. Methods, 2021, 190, 55-62.	3.8	6

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37	Exosomes: scytales in the damaged heart. Annals of Translational Medicine, 2016, 4, 222-222.	1.7	6
38	Mononuclear Diploidy at the Heart of Cardiomyocyte Proliferation. Cell Stem Cell, 2017, 21, 421-422.	11.1	3
39	The adult heart requires baseline expression of the transcription factor Hand2 to withstand right ventricular pressure overload. Cardiovascular Research, 2022, 118, 2688-2702.	3.8	3
40	Non-Coding RNAs in the Therapeutic Landscape of Pathological Cardiac Hypertrophy. Cells, 2022, 11, 1805.	4.1	3
41	Nuclear Calcium Transients. Circulation, 2014, 130, 221-223.	1.6	1
42	cROSsing the cardiac MIRe: fibroblast-cardiomyocyte ex(o)press. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H1253-H1255.	3.2	1
43	CircRNAs in the heart: bricks in Brunelleschiâ€™s Dome. Cardiovascular Research, 2020, 116, 1240-1241.	3.8	0