Esther E Creemers

List of Publications by Year in Descending Order

75 papers	7,249 citations	38 h-index	79 g-index
79 ext. papers	8,305 ext. citations	9 avg, IF	5.93 L-index

#	Paper	IF	Citations
75	Extracellular matrix remodeling in animal models of anthracycline-induced cardiomyopathy: a meta-analysis. *Journal of Molecular Medicine*, **2021**, 99, 1195-1207	5.5	1
74	Dietary restriction in the long-chain acyl-CoA dehydrogenase knockout mouse. *Molecular Genetics and Metabolism Reports*, **2021**, 27, 100749	1.8	
73	Genetic Dissection of a Super Enhancer Controlling the Cluster in the Heart. *Circulation Research*, **2021**, 128, 115-129	15.7	6
72	Nuclear Receptor Nur77 Controls Cardiac Fibrosis through Distinct Actions on Fibroblasts and Cardiomyocytes. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
71	Low miR-19b-1-5p Expression Is Related to Aspirin Resistance and Major Adverse Cardio-Cerebrovascular Events in Patients With Acute Coronary Syndrome. *Journal of the American Heart Association*, **2021**, 10, e017120	6	7
70	MiR-223-3p and miR-122-5p as circulating biomarkers for plaque instability. *Open Heart*, **2020**, 7,	3	15
69	Heterozygous loss of Rbm24 in the adult mouse heart increases sarcomere slack length but does not affect function. *Scientific Reports*, **2020**, 10, 7687	4.9	2
68	circRNAprofiler: an R-based computational framework for the downstream analysis of circular RNAs. *BMC Bioinformatics*, **2020**, 21, 164	3.6	4
67	Functional modulation of atrio-ventricular conduction by enhanced late sodium current and calcium-dependent mechanisms in Scn5a1798insD/+ mice. *Europace*, **2020**, 22, 1579-1589	3.9	3
66	Circular RNAs open a new chapter in cardiovascular biology. *Nature Reviews Cardiology*, **2019**, 16, 503-514	44.8	153
65	Conserved NPPB+ Border Zone Switches From MEF2- to AP-1-Driven Gene Program. *Circulation*, **2019**, 140, 864-879	16.7	37
64	Loss-of-function variants in myocardin cause congenital megabladder in humans and mice. *Journal of Clinical Investigation*, **2019**, 129, 5374-5380	15.9	11
63	Circular RNAs in the cardiovascular system. *Non-coding RNA Research*, **2018**, 3, 1-11	6	28
62	RBM20 Mutations Induce an Arrhythmogenic Dilated Cardiomyopathy Related to Disturbed Calcium Handling. *Circulation*, **2018**, 138, 1330-1342	16.7	78
61	Small sample sizes in high-throughput miRNA screens: A common pitfall for the identification of miRNA biomarkers. *Biomolecular Detection and Quantification*, **2018**, 15, 1-5	12	37
60	A common co-morbidity modulates disease expression and treatment efficacy in inherited cardiac sodium channelopathy. *European Heart Journal*, **2018**, 39, 2898-2907	9.5	12
59	Cardiac circRNAs arise mainly from constitutive exons rather than alternatively spliced exons. *Rna*, **2018**, 24, 815-827	5.8	40

58	AAV9-mediated Rbm24 overexpression induces fibrosis in the mouse heart. *Scientific Reports*, **2018**, 8, 11696	4.9	10
57	Study Design and qPCR Data Analysis Guidelines for Reliable Circulating miRNA Biomarker Experiments: A Review. *Clinical Chemistry*, **2018**, 64, 1308-1318	5.5	26
56	P791A common co-morbidity modulates disease expression and treatment efficacy in inherited cardiac sodium channelopathy. *Europace*, **2018**, 20, i140-i140	3.9	
55	Nur77 protects against adverse cardiac remodelling by limiting neuropeptide Y signalling in the sympathoadrenal-cardiac axis. *Cardiovascular Research*, **2018**, 114, 1617-1628	9.9	10
54	MiR30-GALNT1/2 Axis-Mediated Glycosylation Contributes to the Increased Secretion of Inactive Human Prohormone for Brain Natriuretic Peptide (proBNP) From Failing Hearts. *Journal of the American Heart Association*, **2017**, 6,	6	36
53	Practical data handling pipeline improves performance of qPCR-based circulating miRNA measurements. *Rna*, **2017**, 23, 811-821	5.8	35
52	High miR-124-3p expression identifies smoking individuals susceptible to atherosclerosis. *Atherosclerosis*, **2017**, 263, 377-384	3.1	24
51	Circular RNAs in heart failure. *European Journal of Heart Failure*, **2017**, 19, 701-709	12.3	109
50	The RNA-binding protein Rbm38 is dispensable during pressure overload-induced cardiac remodeling in mice. *PLoS ONE*, **2017**, 12, e0184093	3.7	9
49	Natural genetic variation of the cardiac transcriptome in non-diseased donors and patients with dilated cardiomyopathy. *Genome Biology*, **2017**, 18, 170	18.3	40
48	Transcriptome-wide co-expression analysis identifies LRRC2 as a novel mediator of mitochondrial and cardiac function. *PLoS ONE*, **2017**, 12, e0170458	3.7	8
47	Z-disc protein CHAPb induces cardiomyopathy and contractile dysfunction in the postnatal heart. *PLoS ONE*, **2017**, 12, e0189139	3.7	7
46	RBM20 Regulates Circular RNA Production From the Titin Gene. *Circulation Research*, **2016**, 119, 996-1003	15.7	184
45	A mutation in the glutamate-rich region of RNA-binding motif protein 20 causes dilated cardiomyopathy through missplicing of titin and impaired Frank-Starling mechanism. *Cardiovascular Research*, **2016**, 112, 452-63	9.9	63
44	RNA Splicing: Regulation and Dysregulation in the Heart. *Circulation Research*, **2016**, 118, 454-68	15.7	52
43	Genome-Wide Polyadenylation Maps Reveal Dynamic mRNA 3REnd Formation in the Failing Human Heart. *Circulation Research*, **2016**, 118, 433-8	15.7	28
42	Low miR-19b-1-5p expression in isolated platelets after aspirin use is related to aspirin insensitivity. *International Journal of Cardiology*, **2016**, 203, 262-3	3.2	17
41	Function and Therapeutic Potential of Noncoding RNAs in Cardiac Fibrosis. *Circulation Research*, **2016**, 118, 108-18	15.7	70

40	Identification of a regulatory domain controlling the Nppa-Nppb gene cluster during heart development and stress. *Development (Cambridge)*, **2016**, 143, 2135-46	6.6	31
39	Insights into alternative splicing of sarcomeric genes in the heart. *Journal of Molecular and Cellular Cardiology*, **2015**, 81, 107-13	5.8	35
38	Long noncoding RNAs in cardiac development and ageing. *Nature Reviews Cardiology*, **2015**, 12, 415-25	14.8	240
37	Orphan nuclear receptor Nur77 affects cardiomyocyte calcium homeostasis and adverse cardiac remodelling. *Scientific Reports*, **2015**, 5, 15404	4.9	25
36	Normalization panels for the reliable quantification of circulating microRNAs by RT-qPCR. *FASEB Journal*, **2015**, 29, 3853-62	0.9	63
35	A transgenic mouse model for the simultaneous monitoring of ANF and BNP gene activity during heart development and disease. *Cardiovascular Research*, **2014**, 101, 78-86	9.9	32
34	The microRNA-15 family inhibits the TGFβ pathway in the heart. *Cardiovascular Research*, **2014**, 104, 61-71	9.9	118
33	Individual with subclinical atherosclerosis have impaired proliferation of blood outgrowth endothelial cells, which can be restored by statin therapy. *PLoS ONE*, **2014**, 9, e99890	3.7	8
32	Matrix as an interstitial transport system. *Circulation Research*, **2014**, 114, 889-902	15.7	52
31	Cardiomyocyte-specific miRNA-30c over-expression causes dilated cardiomyopathy. *PLoS ONE*, **2014**, 9, e96290	3.7	38
30	The therapeutic potential of miRNAs in cardiac fibrosis: where do we stand?. *Journal of Cardiovascular Translational Research*, **2013**, 6, 899-908	3.3	13
29	Macrophage microRNA-155 promotes cardiac hypertrophy and failure. *Circulation*, **2013**, 128, 1420-32	16.7	190
28	Circulating microRNAs: novel biomarkers and extracellular communicators in cardiovascular disease?. *Circulation Research*, **2012**, 110, 483-95	15.7	773
27	Circulating microRNAs as diagnostic biomarkers for cardiovascular diseases. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 303, H1085-95	5.2	157
26	Non-cardiomyocyte microRNAs in heart failure. *Cardiovascular Research*, **2012**, 93, 573-82	9.9	67
25	Repression of cardiac hypertrophy by KLF15: underlying mechanisms and therapeutic implications. *PLoS ONE*, **2012**, 7, e36754	3.7	32
24	MASTR directs MyoD-dependent satellite cell differentiation during skeletal muscle regeneration. *Genes and Development*, **2012**, 26, 190-202	12.6	48
23	Variants in the 3Runtranslated region of the KCNQ1-encoded Kv7.1 potassium channel modify disease severity in patients with type 1 long QT syndrome in an allele-specific manner. *European Heart Journal*, **2012**, 33, 714-23	9.5	113

22	Monocyte gene expression signature of patients with early onset coronary artery disease. *PLoS ONE*, **2012**, 7, e32166	3.7	23
21	Absence of microRNA-155 protects against pressure overload-induced cardiac inflammation and failure. *FASEB Journal*, **2012**, 26, 137.5	0.9	
20	Tapping the brake on cardiac growth-endogenous repressors of hypertrophic signaling. *Journal of Molecular and Cellular Cardiology*, **2011**, 51, 156-67	5.8	19
19	Platelets in patients with premature coronary artery disease exhibit upregulation of miRNA340* and miRNA624*. *PLoS ONE*, **2011**, 6, e25946	3.7	69
18	Heart failure: advances through genomics. *Nature Reviews Genetics*, **2011**, 12, 357-62	30.1	55
17	Molecular mechanisms that control interstitial fibrosis in the pressure-overloaded heart. *Cardiovascular Research*, **2011**, 89, 265-72	9.9	306
16	MiR423-5p as a circulating biomarker for heart failure. *Circulation Research*, **2010**, 106, 1035-9	15.7	511
15	Regulation of cardiac gene expression by KLF15, a repressor of myocardin activity. *Journal of Biological Chemistry*, **2010**, 285, 27449-27456	5.4	43
14	Increased matrix metalloproteinase-8 and -9 activity in patients with infarct rupture after myocardial infarction. *Cardiovascular Pathology*, **2009**, 18, 37-43	3.8	81
13	miR-133 and miR-30 regulate connective tissue growth factor: implications for a role of microRNAs in myocardial matrix remodeling. *Circulation Research*, **2009**, 104, 170-8, 6p following 178	15.7	686
12	Platelet-derived growth factor receptors direct vascular development independent of vascular smooth muscle cell function. *Molecular and Cellular Biology*, **2008**, 28, 5646-57	4.8	33
11	Myocardin is a bifunctional switch for smooth versus skeletal muscle differentiation. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 16570-5	11.5	70
10	The myocardin family of transcriptional coactivators: versatile regulators of cell growth, migration, and myogenesis. *Genes and Development*, **2006**, 20, 1545-56	12.6	352
9	Myocardin is a direct transcriptional target of Mef2, Tead and Foxo proteins during cardiovascular development. *Development (Cambridge)*, **2006**, 133, 4245-56	6.6	103
8	Coactivation of MEF2 by the SAP domain proteins myocardin and MASTR. *Molecular Cell*, **2006**, 23, 83-96	17.6	85
7	Stem cells and their derivatives can bypass the requirement of myocardin for smooth muscle gene expression. *Developmental Biology*, **2005**, 288, 502-13	3.1	47
6	The dynamic extracellular matrix: intervention strategies during heart failure and atherosclerosis. *Journal of Pathology*, **2003**, 200, 516-25	9.4	93
5	Integration of concepts: cardiac extracellular matrix remodeling after myocardial infarction. *Journal of Cardiac Failure*, **2002**, 8, S344-8	3.3	69

4	Dynamics of cardiac wound healing following myocardial infarction: observations in genetically altered mice. *Acta Physiologica Scandinavica*, **2001**, 173, 75-82		87
3	Matrix metalloproteinase inhibition after myocardial infarction: a new approach to prevent heart failure?. *Circulation Research*, **2001**, 89, 201-10	15.7	513
2	Disruption of the plasminogen gene in mice abolishes wound healing after myocardial infarction. *American Journal of Pathology*, **2000**, 156, 1865-73	5.8	123
1	Inhibition of plasminogen activators or matrix metalloproteinases prevents cardiac rupture but impairs therapeutic angiogenesis and causes cardiac failure. *Nature Medicine*, **1999**, 5, 1135-42	50.5	677