

# Esther E Creemers

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6702927/esther-e-creemers-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Circulating microRNAs: novel biomarkers and extracellular communicators in cardiovascular disease?. <i>Circulation Research</i> , <b>2012</b> , 110, 483-95	15.7	773
74	miR-133 and miR-30 regulate connective tissue growth factor: implications for a role of microRNAs in myocardial matrix remodeling. <i>Circulation Research</i> , <b>2009</b> , 104, 170-8, 6p following 178	15.7	686
73	Inhibition of plasminogen activators or matrix metalloproteinases prevents cardiac rupture but impairs therapeutic angiogenesis and causes cardiac failure. <i>Nature Medicine</i> , <b>1999</b> , 5, 1135-42	50.5	677
72	Matrix metalloproteinase inhibition after myocardial infarction: a new approach to prevent heart failure?. <i>Circulation Research</i> , <b>2001</b> , 89, 201-10	15.7	513
71	MiR423-5p as a circulating biomarker for heart failure. <i>Circulation Research</i> , <b>2010</b> , 106, 1035-9	15.7	511
70	The myocardin family of transcriptional coactivators: versatile regulators of cell growth, migration, and myogenesis. <i>Genes and Development</i> , <b>2006</b> , 20, 1545-56	12.6	352
69	Molecular mechanisms that control interstitial fibrosis in the pressure-overloaded heart. <i>Cardiovascular Research</i> , <b>2011</b> , 89, 265-72	9.9	306
68	Long noncoding RNAs in cardiac development and ageing. <i>Nature Reviews Cardiology</i> , <b>2015</b> , 12, 415-25	14.8	240
67	Macrophage microRNA-155 promotes cardiac hypertrophy and failure. <i>Circulation</i> , <b>2013</b> , 128, 1420-32	16.7	190
66	RBM20 Regulates Circular RNA Production From the Titin Gene. <i>Circulation Research</i> , <b>2016</b> , 119, 996-1003	15.7	184
65	Circulating microRNAs as diagnostic biomarkers for cardiovascular diseases. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 303, H1085-95	5.2	157
64	Circular RNAs open a new chapter in cardiovascular biology. <i>Nature Reviews Cardiology</i> , <b>2019</b> , 16, 503-514	14.8	153
63	Disruption of the plasminogen gene in mice abolishes wound healing after myocardial infarction. <i>American Journal of Pathology</i> , <b>2000</b> , 156, 1865-73	5.8	123
62	The microRNA-15 family inhibits the TGF $\beta$ pathway in the heart. <i>Cardiovascular Research</i> , <b>2014</b> , 104, 61-71	19.9	118
61	Variants in the 3' untranslated 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. <i>European Heart Journal</i> , <b>2012</b> , 33, 714-23	9.5	113
60	Circular RNAs in heart failure. <i>European Journal of Heart Failure</i> , <b>2017</b> , 19, 701-709	12.3	109
59	Myocardin is a direct transcriptional target of Mef2, Tead and Foxo proteins during cardiovascular development. <i>Development (Cambridge)</i> , <b>2006</b> , 133, 4245-56	6.6	103

58	The dynamic extracellular matrix: intervention strategies during heart failure and atherosclerosis. <i>Journal of Pathology</i> , <b>2003</b> , 200, 516-25	9.4	93
57	Dynamics of cardiac wound healing following myocardial infarction: observations in genetically altered mice. <i>Acta Physiologica Scandinavica</i> , <b>2001</b> , 173, 75-82		87
56	Coactivation of MEF2 by the SAP domain proteins myocardin and MASTR. <i>Molecular Cell</i> , <b>2006</b> , 23, 83-96	17.6	85
55	Increased matrix metalloproteinase-8 and -9 activity in patients with infarct rupture after myocardial infarction. <i>Cardiovascular Pathology</i> , <b>2009</b> , 18, 37-43	3.8	81
54	RBM20 Mutations Induce an Arrhythmogenic Dilated Cardiomyopathy Related to Disturbed Calcium Handling. <i>Circulation</i> , <b>2018</b> , 138, 1330-1342	16.7	78
53	Function and Therapeutic Potential of Noncoding RNAs in Cardiac Fibrosis. <i>Circulation Research</i> , <b>2016</b> , 118, 108-18	15.7	70
52	Myocardin is a bifunctional switch for smooth versus skeletal muscle differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 16570-5	11.5	70
51	Platelets in patients with premature coronary artery disease exhibit upregulation of miRNA340* and miRNA624*. <i>PLoS ONE</i> , <b>2011</b> , 6, e25946	3.7	69
50	Integration of concepts: cardiac extracellular matrix remodeling after myocardial infarction. <i>Journal of Cardiac Failure</i> , <b>2002</b> , 8, S344-8	3.3	69
49	Non-cardiomyocyte microRNAs in heart failure. <i>Cardiovascular Research</i> , <b>2012</b> , 93, 573-82	9.9	67
48	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. <i>Cardiovascular Research</i> , <b>2016</b> , 112, 452-63	9.9	63
47	Normalization panels for the reliable quantification of circulating microRNAs by RT-qPCR. <i>FASEB Journal</i> , <b>2015</b> , 29, 3853-62	0.9	63
46	Heart failure: advances through genomics. <i>Nature Reviews Genetics</i> , <b>2011</b> , 12, 357-62	30.1	55
45	RNA Splicing: Regulation and Dysregulation in the Heart. <i>Circulation Research</i> , <b>2016</b> , 118, 454-68	15.7	52
44	Matrix as an interstitial transport system. <i>Circulation Research</i> , <b>2014</b> , 114, 889-902	15.7	52
43	MASTR directs MyoD-dependent satellite cell differentiation during skeletal muscle regeneration. <i>Genes and Development</i> , <b>2012</b> , 26, 190-202	12.6	48
42	Stem cells and their derivatives can bypass the requirement of myocardin for smooth muscle gene expression. <i>Developmental Biology</i> , <b>2005</b> , 288, 502-13	3.1	47
41	Regulation of cardiac gene expression by KLF15, a repressor of myocardin activity. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 27449-27456	5.4	43

40	Natural genetic variation of the cardiac transcriptome in non-diseased donors and patients with dilated cardiomyopathy. <i>Genome Biology</i> , <b>2017</b> , 18, 170	18.3	40
39	Cardiac circRNAs arise mainly from constitutive exons rather than alternatively spliced exons. <i>Rna</i> , <b>2018</b> , 24, 815-827	5.8	40
38	Cardiomyocyte-specific miRNA-30c over-expression causes dilated cardiomyopathy. <i>PLoS ONE</i> , <b>2014</b> , 9, e96290	3.7	38
37	Small sample sizes in high-throughput miRNA screens: A common pitfall for the identification of miRNA biomarkers. <i>Biomolecular Detection and Quantification</i> , <b>2018</b> , 15, 1-5	12	37
36	Conserved NPPB+ Border Zone Switches From MEF2- to AP-1-Driven Gene Program. <i>Circulation</i> , <b>2019</b> , 140, 864-879	16.7	37
35	MiR30-GALNT1/2 Axis-Mediated Glycosylation Contributes to the Increased Secretion of Inactive Human Prohormone for Brain Natriuretic Peptide (proBNP) From Failing Hearts. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	36
34	Practical data handling pipeline improves performance of qPCR-based circulating miRNA measurements. <i>Rna</i> , <b>2017</b> , 23, 811-821	5.8	35
33	Insights into alternative splicing of sarcomeric genes in the heart. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 81, 107-13	5.8	35
32	Platelet-derived growth factor receptors direct vascular development independent of vascular smooth muscle cell function. <i>Molecular and Cellular Biology</i> , <b>2008</b> , 28, 5646-57	4.8	33
31	A transgenic mouse model for the simultaneous monitoring of ANF and BNP gene activity during heart development and disease. <i>Cardiovascular Research</i> , <b>2014</b> , 101, 78-86	9.9	32
30	Repression of cardiac hypertrophy by KLF15: underlying mechanisms and therapeutic implications. <i>PLoS ONE</i> , <b>2012</b> , 7, e36754	3.7	32
29	Identification of a regulatory domain controlling the Nppa-Nppb gene cluster during heart development and stress. <i>Development (Cambridge)</i> , <b>2016</b> , 143, 2135-46	6.6	31
28	Circular RNAs in the cardiovascular system. <i>Non-coding RNA Research</i> , <b>2018</b> , 3, 1-11	6	28
27	Genome-Wide Polyadenylation Maps Reveal Dynamic mRNA 3REnd Formation in the Failing Human Heart. <i>Circulation Research</i> , <b>2016</b> , 118, 433-8	15.7	28
26	Study Design and qPCR Data Analysis Guidelines for Reliable Circulating miRNA Biomarker Experiments: A Review. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 1308-1318	5.5	26
25	Orphan nuclear receptor Nur77 affects cardiomyocyte calcium homeostasis and adverse cardiac remodelling. <i>Scientific Reports</i> , <b>2015</b> , 5, 15404	4.9	25
24	High miR-124-3p expression identifies smoking individuals susceptible to atherosclerosis. <i>Atherosclerosis</i> , <b>2017</b> , 263, 377-384	3.1	24
23	Monocyte gene expression signature of patients with early onset coronary artery disease. <i>PLoS ONE</i> , <b>2012</b> , 7, e32166	3.7	23

22	Tapping the brake on cardiac growth-endogenous repressors of hypertrophic signaling. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2011</b> , 51, 156-67	5.8	19
21	Low miR-19b-1-5p expression in isolated platelets after aspirin use is related to aspirin insensitivity. <i>International Journal of Cardiology</i> , <b>2016</b> , 203, 262-3	3.2	17
20	MiR-223-3p and miR-122-5p as circulating biomarkers for plaque instability. <i>Open Heart</i> , <b>2020</b> , 7,	3	15
19	The therapeutic potential of miRNAs in cardiac fibrosis: where do we stand?. <i>Journal of Cardiovascular Translational Research</i> , <b>2013</b> , 6, 899-908	3.3	13
18	A common co-morbidity modulates disease expression and treatment efficacy in inherited cardiac sodium channelopathy. <i>European Heart Journal</i> , <b>2018</b> , 39, 2898-2907	9.5	12
17	Loss-of-function variants in myocardin cause congenital megabladder in humans and mice. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 5374-5380	15.9	11
16	AAV9-mediated Rbm24 overexpression induces fibrosis in the mouse heart. <i>Scientific Reports</i> , <b>2018</b> , 8, 11696	4.9	10
15	Nur77 protects against adverse cardiac remodelling by limiting neuropeptide Y signalling in the sympathoadrenal-cardiac axis. <i>Cardiovascular Research</i> , <b>2018</b> , 114, 1617-1628	9.9	10
14	The RNA-binding protein Rbm38 is dispensable during pressure overload-induced cardiac remodeling in mice. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184093	3.7	9
13	Individual with subclinical atherosclerosis have impaired proliferation of blood outgrowth endothelial cells, which can be restored by statin therapy. <i>PLoS ONE</i> , <b>2014</b> , 9, e99890	3.7	8
12	Transcriptome-wide co-expression analysis identifies LRRC2 as a novel mediator of mitochondrial and cardiac function. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170458	3.7	8
11	Z-disc protein CHAPb induces cardiomyopathy and contractile dysfunction in the postnatal heart. <i>PLoS ONE</i> , <b>2017</b> , 12, e0189139	3.7	7
10	Low miR-19b-1-5p Expression Is Related to Aspirin Resistance and Major Adverse Cardio-Cerebrovascular Events in Patients With Acute Coronary Syndrome. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e017120	6	7
9	Genetic Dissection of a Super Enhancer Controlling the Cluster in the Heart. <i>Circulation Research</i> , <b>2021</b> , 128, 115-129	15.7	6
8	circRNAprofiler: an R-based computational framework for the downstream analysis of circular RNAs. <i>BMC Bioinformatics</i> , <b>2020</b> , 21, 164	3.6	4
7	Functional modulation of atrio-ventricular conduction by enhanced late sodium current and calcium-dependent mechanisms in Scn5a1798insD/+ mice. <i>Europace</i> , <b>2020</b> , 22, 1579-1589	3.9	3
6	Heterozygous loss of Rbm24 in the adult mouse heart increases sarcomere slack length but does not affect function. <i>Scientific Reports</i> , <b>2020</b> , 10, 7687	4.9	2
5	Extracellular matrix remodeling in animal models of anthracycline-induced cardiomyopathy: a meta-analysis. <i>Journal of Molecular Medicine</i> , <b>2021</b> , 99, 1195-1207	5.5	1

4	Nuclear Receptor Nur77 Controls Cardiac Fibrosis through Distinct Actions on Fibroblasts and Cardiomyocytes. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
3	Absence of microRNA-155 protects against pressure overload-induced cardiac inflammation and failure. <i>FASEB Journal</i> , <b>2012</b> , 26, 137.5	0.9	
2	Dietary restriction in the long-chain acyl-CoA dehydrogenase knockout mouse. <i>Molecular Genetics and Metabolism Reports</i> , <b>2021</b> , 27, 100749	1.8	
1	P791A common co-morbidity modulates disease expression and treatment efficacy in inherited cardiac sodium channelopathy. <i>Europace</i> , <b>2018</b> , 20, i140-i140	3.9	