

# Anna Zampetaki

## List of Publications by Citations

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54  
papers

5,556  
citations

33  
h-index

63  
g-index

63  
ext. papers

6,267  
ext. citations

8.5  
avg, IF

5.41  
L-index

#	Paper	IF	Citations
54	Plasma microRNA profiling reveals loss of endothelial miR-126 and other microRNAs in type 2 diabetes. <i>Circulation Research</i> , <b>2010</b> , 107, 810-7	15.7	1086
53	Vascular repair by endothelial progenitor cells. <i>Cardiovascular Research</i> , <b>2008</b> , 78, 413-21	9.9	360
52	Prospective study on circulating MicroRNAs and risk of myocardial infarction. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 290-9	15.1	357
51	Circulating microRNAs as novel biomarkers for platelet activation. <i>Circulation Research</i> , <b>2013</b> , 112, 595-607	15.7	285
50	HDAC3 is crucial in shear- and VEGF-induced stem cell differentiation toward endothelial cells. <i>Journal of Cell Biology</i> , <b>2006</b> , 174, 1059-69	7.3	212
49	Direct reprogramming of fibroblasts into endothelial cells capable of angiogenesis and reendothelialization in tissue-engineered vessels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 13793-8	11.5	194
48	MicroRNAs in vascular and metabolic disease. <i>Circulation Research</i> , <b>2012</b> , 110, 508-22	15.7	190
47	Profiling of circulating microRNAs: from single biomarkers to re-wired networks. <i>Cardiovascular Research</i> , <b>2012</b> , 93, 555-62	9.9	185
46	XBP1 mRNA splicing triggers an autophagic response in endothelial cells through BECLIN-1 transcriptional activation. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 859-72	5.4	181
45	Sustained activation of XBP1 splicing leads to endothelial apoptosis and atherosclerosis development in response to disturbed flow. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 8326-31	11.5	162
44	Circulating MicroRNA-122 Is Associated With the Risk of New-Onset Metabolic Syndrome and Type 2 Diabetes. <i>Diabetes</i> , <b>2017</b> , 66, 347-357	0.9	141
43	Extracellular matrix secretion by cardiac fibroblasts: role of microRNA-29b and microRNA-30c. <i>Circulation Research</i> , <b>2013</b> , 113, 1138-47	15.7	141
42	Association of MicroRNAs and YRNAs With Platelet Function. <i>Circulation Research</i> , <b>2016</b> , 118, 420-432	15.7	125
41	Histone deacetylase 3 is critical in endothelial survival and atherosclerosis development in response to disturbed flow. <i>Circulation</i> , <b>2010</b> , 121, 132-42	16.7	118
40	Long Non-coding RNA Structure and Function: Is There a Link?. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1201	4.6	114
39	Signature of circulating microRNAs in osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, e18	2.4	108
38	Biomechanical stress induces IL-6 expression in smooth muscle cells via Ras/Rac1-p38 MAPK-NF-kappaB signaling pathways. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 288, H2946-54	5.2	106

37	Analytical challenges and technical limitations in assessing circulating miRNAs. <i>Thrombosis and Haemostasis</i> , <b>2012</b> , 108, 592-8	7	98
36	Histone deacetylase 7 controls endothelial cell growth through modulation of beta-catenin. <i>Circulation Research</i> , <b>2010</b> , 106, 1202-11	15.7	95
35	Role of miR-195 in aortic aneurysmal disease. <i>Circulation Research</i> , <b>2014</b> , 115, 857-66	15.7	82
34	Angiogenic microRNAs Linked to Incidence and Progression of Diabetic Retinopathy in Type 1 Diabetes. <i>Diabetes</i> , <b>2016</b> , 65, 216-27	0.9	81
33	MicroRNAs within the continuum of postgenomics biomarker discovery. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 206-14	9.4	77
32	Impact of intravenous heparin on quantification of circulating microRNAs in patients with coronary artery disease. <i>Thrombosis and Haemostasis</i> , <b>2013</b> , 110, 609-15	7	75
31	Endothelial lineage differentiation from induced pluripotent stem cells is regulated by microRNA-21 and transforming growth factor $\beta$ (TGF- $\beta$ ) pathways. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 3383-93	5.4	69
30	Crucial role of nrf3 in smooth muscle cell differentiation from stem cells. <i>Circulation Research</i> , <b>2010</b> , 106, 870-9	15.7	68
29	Splicing of HDAC7 modulates the SRF-myocardin complex during stem-cell differentiation towards smooth muscle cells. <i>Journal of Cell Science</i> , <b>2009</b> , 122, 460-70	5.3	68
28	Oxidative stress in atherosclerosis: the role of microRNAs in arterial remodeling. <i>Free Radical Biology and Medicine</i> , <b>2013</b> , 64, 69-77	7.8	60
27	Comparative Analysis of Circulating Noncoding RNAs Versus Protein Biomarkers in the Detection of Myocardial Injury. <i>Circulation Research</i> , <b>2019</b> , 125, 328-340	15.7	59
26	Unspliced X-box-binding protein 1 (XBP1) protects endothelial cells from oxidative stress through interaction with histone deacetylase 3. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 30625-30634	5.4	55
25	Proteomic and metabolomic analysis of smooth muscle cells derived from the arterial media and adventitial progenitors of apolipoprotein E-deficient mice. <i>Circulation Research</i> , <b>2008</b> , 102, 1046-56	15.7	52
24	TLR4 expression in mouse embryonic stem cells and in stem cell-derived vascular cells is regulated by epigenetic modifications. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 347, 89-99	3.4	49
23	Glycoproteomics Reveals Decorin Peptides With Anti-Myostatin Activity in Human Atrial Fibrillation. <i>Circulation</i> , <b>2016</b> , 134, 817-32	16.7	34
22	Galectin-9 protein expression in endothelial cells is positively regulated by histone deacetylase 3. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 44211-44217	5.4	34
21	Downregulation of MicroRNA-126 Augments DNA Damage Response in Cigarette Smokers and Patients with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 665-668	10.2	32
20	Comparative proteomics profiling reveals role of smooth muscle progenitors in extracellular matrix production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2010</b> , 30, 1325-32	9.4	31

19	Sp1-dependent activation of HDAC7 is required for platelet-derived growth factor-BB-induced smooth muscle cell differentiation from stem cells. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 38463-72	5.4	31
18	Guidelines for the functional annotation of microRNAs using the Gene Ontology. <i>Rna</i> , <b>2016</b> , 22, 667-76	5.8	31
17	XBP 1-Deficiency Abrogates Neointimal Lesion of Injured Vessels Via Cross Talk With the PDGF Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 2134-44	9.4	30
16	MicroRNA Biomarkers for Coronary Artery Disease?. <i>Current Atherosclerosis Reports</i> , <b>2015</b> , 17, 70	6	28
15	CRISPR/Cas9 editing reveals novel mechanisms of clustered microRNA regulation and function. <i>Scientific Reports</i> , <b>2017</b> , 7, 8585	4.9	19
14	Gene network and proteomic analyses of cardiac responses to pathological and physiological stress. <i>Circulation: Cardiovascular Genetics</i> , <b>2013</b> , 6, 588-97		19
13	Proteomics of the epicardial fat secretome and its role in post-operative atrial fibrillation. <i>Europace</i> , <b>2018</b> , 20, 1201-1208	3.9	18
12	"Young at heart": Regenerative potential linked to immature cardiac phenotypes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 92, 105-8	5.8	18
11	Lacking cytokine production in ES cells and ES-cell-derived vascular cells stimulated by TNF-alpha is rescued by HDAC inhibitor trichostatin A. <i>American Journal of Physiology - Cell Physiology</i> , <b>2007</b> , 293, C1226-38	5.4	18
10	Integrated membrane protein analysis of mature and embryonic stem cell-derived smooth muscle cells using a novel combination of CyDye/biotin labeling. <i>Molecular and Cellular Proteomics</i> , <b>2007</b> , 6, 1788-97	7.6	18
9	Effects of heparin on temporal microRNA profiles. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 940-1	15.1	16
8	Inhibition of profibrotic microRNA-21 affects platelets and their releasate. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	16
7	Targeting QKI-7 in vivo restores endothelial cell function in diabetes. <i>Nature Communications</i> , <b>2020</b> , 11, 3812	17.4	12
6	Enhanced Function of Induced Pluripotent Stem Cell-Derived Endothelial Cells Through ESM1 Signaling. <i>Stem Cells</i> , <b>2019</b> , 37, 226-239	5.8	9
5	The Landscape of Coding and Noncoding RNAs in Platelets. <i>Antioxidants and Redox Signaling</i> , <b>2021</b> , 34, 1200-1216	8.4	9
4	Metabolic recovery after weight loss surgery is reflected in serum microRNAs. <i>BMJ Open Diabetes Research and Care</i> , <b>2020</b> , 8,	4.5	5
3	Circulating microRNAs as Novel Biomarkers in Cardiovascular Disease: Basic and Technical Principles. <i>Cardiac and Vascular Biology</i> , <b>2017</b> , 83-101	0.2	1
2	ENDOTHELIAL CELL PROLIFERATION AND DIFFERENTIATION IN RESPONSE TO SHEAR STRESS <b>2010</b> , 213-246		1

- 1 BAS/BSCR26 Histone deacetylase 3 protects endothelial cells from inflammation via regulation of galectin 9 expression. *Heart*, **2010**, 96, e20-e20 5.1