

# Anna Zampetaki

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

6,757  
citations

109137

35  
h-index

128067

60  
g-index

63  
all docs

63  
docs citations

63  
times ranked

10527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma MicroRNA Profiling Reveals Loss of Endothelial MiR-126 and Other MicroRNAs in Type 2 Diabetes. <i>Circulation Research</i> , 2010, 107, 810-817.	2.0	1,280
2	Prospective Study on Circulating MicroRNAs and Risk of Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2012, 60, 290-299.	1.2	419
3	Vascular repair by endothelial progenitor cells. <i>Cardiovascular Research</i> , 2008, 78, 413-421.	1.8	399
4	Circulating MicroRNAs as Novel Biomarkers for Platelet Activation. <i>Circulation Research</i> , 2013, 112, 595-600.	2.0	366
5	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> , 2012, 109, 13793-13798.	3.3	235
6	Profiling of circulating microRNAs: from single biomarkers to re-wired networks. <i>Cardiovascular Research</i> , 2012, 93, 555-562.	1.8	232
7	HDAC3 is crucial in shear- and VEGF-induced stem cell differentiation toward endothelial cells. <i>Journal of Cell Biology</i> , 2006, 174, 1059-1069.	2.3	231
8	XBP1 mRNA Splicing Triggers an Autophagic Response in Endothelial Cells through BECLIN-1 Transcriptional Activation. <i>Journal of Biological Chemistry</i> , 2013, 288, 859-872.	1.6	230
9	MicroRNAs in Vascular and Metabolic Disease. <i>Circulation Research</i> , 2012, 110, 508-522.	2.0	223
10	Circulating MicroRNA-122 Is Associated With the Risk of New-Onset Metabolic Syndrome and Type 2 Diabetes. <i>Diabetes</i> , 2017, 66, 347-357.	0.3	199
11	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> , 2009, 106, 8326-8331.	3.3	197
12	Long Non-coding RNA Structure and Function: Is There a Link?. <i>Frontiers in Physiology</i> , 2018, 9, 1201.	1.3	176
13	Association of MicroRNAs and YRNAs With Platelet Function. <i>Circulation Research</i> , 2016, 118, 420-432.	2.0	167
14	Extracellular Matrix Secretion by Cardiac Fibroblasts. <i>Circulation Research</i> , 2013, 113, 1138-1147.	2.0	162
15	Histone Deacetylase 3 Is Critical in Endothelial Survival and Atherosclerosis Development in Response to Disturbed Flow. <i>Circulation</i> , 2010, 121, 132-142.	1.6	147
16	Signature of circulating microRNAs in osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, e18-e18.	0.5	130
17	Biomechanical stress induces IL-6 expression in smooth muscle cells via Ras/Rac1-p38 MAPK-NF- $\kappa$ B signaling pathways. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H2946-H2954.	1.5	121
18	Analytical challenges and technical limitations in assessing circulating MiRNAs. <i>Thrombosis and Haemostasis</i> , 2012, 108, 592-598.	1.8	115

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19	Histone Deacetylase 7 Controls Endothelial Cell Growth Through Modulation of $\beta$ -Catenin. <i>Circulation Research</i> , 2010, 106, 1202-1211.	2.0	110
20	Angiogenic microRNAs Linked to Incidence and Progression of Diabetic Retinopathy in Type 1 Diabetes. <i>Diabetes</i> , 2016, 65, 216-227.	0.3	103
21	Role of miR-195 in Aortic Aneurysmal Disease. <i>Circulation Research</i> , 2014, 115, 857-866.	2.0	93
22	MicroRNAs Within the Continuum of Postgenomics Biomarker Discovery. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 206-214.	1.1	92
23	Endothelial Lineage Differentiation from Induced Pluripotent Stem Cells Is Regulated by MicroRNA-21 and Transforming Growth Factor $\beta$ 2 (TGF- $\beta$ 2) Pathways. <i>Journal of Biological Chemistry</i> , 2014, 289, 3383-3393.	1.6	87
24	Comparative Analysis of Circulating Noncoding RNAs Versus Protein Biomarkers in the Detection of Myocardial Injury. <i>Circulation Research</i> , 2019, 125, 328-340.	2.0	86
25	Impact of intravenous heparin on quantification of circulating microRNAs in patients with coronary artery disease. <i>Thrombosis and Haemostasis</i> , 2013, 110, 609-615.	1.8	82
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> , 2014, 289, 30625-30634.	1.6	76
27	Crucial Role of Nrf3 in Smooth Muscle Cell Differentiation From Stem Cells. <i>Circulation Research</i> , 2010, 106, 870-879.	2.0	75
28	Splicing of HDAC7 modulates the SRF-myocardin complex during stem-cell differentiation towards smooth muscle cells. <i>Journal of Cell Science</i> , 2009, 122, 460-470.	1.2	72
29	Oxidative stress in atherosclerosis: The role of microRNAs in arterial remodeling. <i>Free Radical Biology and Medicine</i> , 2013, 64, 69-77.	1.3	68
30	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> , 2006, 347, 89-99.	1.0	55
31	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> , 2008, 102, 1046-1056.	2.0	55
32	Glycoproteomics Reveals Decorin Peptides With Anti-Myostatin Activity in Human Atrial Fibrillation. <i>Circulation</i> , 2016, 134, 817-832.	1.6	43
33	XBP 1-Deficiency Abrogates Neointimal Lesion of Injured Vessels Via Cross Talk With the PDGF Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2134-2144.	1.1	40
34	MicroRNA Biomarkers for Coronary Artery Disease?. <i>Current Atherosclerosis Reports</i> , 2015, 17, 70.	2.0	39
35	Targeting QKI-7 in vivo restores endothelial cell function in diabetes. <i>Nature Communications</i> , 2020, 11, 3812.	5.8	39
36	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> , 2010, 285, 38463-38472.	1.6	37

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37	Galectin-9 Protein Expression in Endothelial Cells Is Positively Regulated by Histone Deacetylase 3. <i>Journal of Biological Chemistry</i> , 2011, 286, 44211-44217.	1.6	37
38	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> , 2018, 197, 665-668.	2.5	36
39	Guidelines for the functional annotation of microRNAs using the Gene Ontology. <i>Rna</i> , 2016, 22, 667-676.	1.6	35
40	Comparative Proteomics Profiling Reveals Role of Smooth Muscle Progenitors in Extracellular Matrix Production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1325-1332.	1.1	34
41	CRISPR/Cas9 editing reveals novel mechanisms of clustered microRNA regulation and function. <i>Scientific Reports</i> , 2017, 7, 8585.	1.6	32
42	The Paradox of Hypoxic and Oxidative Stress in Atherosclerosis – Editorials published in the <i>Journal of the American College of Cardiology</i> reflect the views of the authors and do not necessarily represent the views of JACC or the American College of Cardiology. <i>Journal of the American College of Cardiology</i> , 2008, 51, 1266-1267.	1.2	30
43	Inhibition of profibrotic microRNA-21 affects platelets and their releasate. <i>JCI Insight</i> , 2018, 3, .	2.3	30
44	Proteomics of the epicardial fat secretome and its role in post-operative atrial fibrillation. <i>Europace</i> , 2018, 20, 1201-1208.	0.7	28
45	Enhanced Function of Induced Pluripotent Stem Cell-Derived Endothelial Cells Through ESM1 Signaling. <i>Stem Cells</i> , 2019, 37, 226-239.	1.4	25
46	Gene Network and Proteomic Analyses of Cardiac Responses to Pathological and Physiological Stress. <i>Circulation: Cardiovascular Genetics</i> , 2013, 6, 588-597.	5.1	21
47	“Young at heart” Regenerative potential linked to immature cardiac phenotypes. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 92, 105-108.	0.9	21
48	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> , 2007, 293, C1226-C1238.	2.1	20
49	MicroRNA biomarkers for failing hearts?. <i>European Heart Journal</i> , 2013, 34, 2782-2783.	1.0	19
50	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> , 2007, 6, 1788-1797.	2.5	18
51	Effects of Heparin on Temporal MicroRNA Profiles. <i>Journal of the American College of Cardiology</i> , 2014, 63, 940-941.	1.2	17
52	Metabolic recovery after weight loss surgery is reflected in serum microRNAs. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001441.	1.2	15
53	The Landscape of Coding and Noncoding RNAs in Platelets. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 1200-1216.	2.5	14
54	Sweet Dicer. <i>Circulation Research</i> , 2015, 117, 116-118.	2.0	10

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55	Long Noncoding RNAs and Angiogenesis. <i>Circulation</i> , 2017, 136, 80-82.	1.6	10
56	Nox2-deficient Tregs improve heart transplant outcomes via their increased graft recruitment and enhanced potency. <i>JCI Insight</i> , 2021, 6, .	2.3	6
57	Vascular Remodeling in Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 10-11.	1.1	5
58	ENDOTHELIAL CELL PROLIFERATION AND DIFFERENTIATION IN RESPONSE TO SHEAR STRESS. , 2010, , 213-246.		1
59	Circulating microRNAs as Novel Biomarkers in Cardiovascular Disease: Basic and Technical Principles. <i>Cardiac and Vascular Biology</i> , 2017, , 83-101.	0.2	1
60	BAS/BSCR26 Histone deacetylase 3 protects endothelial cells from inflammation via regulation of galectin 9 expression. <i>Heart</i> , 2010, 96, e20-e20.	1.2	0
61	Editorial: Entering the RNA Wonderland: Opportunities and Challenges for RNA Therapeutics in the Cardiovascular System. <i>Frontiers in Physiology</i> , 2020, 11, 60.	1.3	0