

List of Publications by Citations

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

68 papers	9,656 citations	36 h-index	77 g-index
77 ext. papers	12,579 ext. citations	9.6 avg, IF	5.5 L-index

#	Paper	IF	Citations
68	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1535750	16.4	3642
67	miR-126 regulates angiogenic signaling and vascular integrity. <i>Developmental Cell</i> , 2008 , 15, 272-84	10.2	1270
66	MicroRNA regulation of cell lineages in mouse and human embryonic stem cells. <i>Cell Stem Cell</i> , 2008 , 2, 219-29	18	507
65	Single cell RNA sequencing of human liver reveals distinct intrahepatic macrophage populations. <i>Nature Communications</i> , 2018 , 9, 4383	17.4	452
64	MicroRNA-146 represses endothelial activation by inhibiting pro-inflammatory pathways. <i>EMBO Molecular Medicine</i> , 2013 , 5, 1017-34	12	280
63	VHL promotes E2 box-dependent E-cadherin transcription by HIF-mediated regulation of SIP1 and snail. <i>Molecular and Cellular Biology</i> , 2007 , 27, 157-69	4.8	217
62	Somatic Activating KRAS Mutations in Arteriovenous Malformations of the Brain. <i>New England Journal of Medicine</i> , 2018 , 378, 250-261	59.2	195
61	The cell-specific expression of endothelial nitric-oxide synthase: a role for DNA methylation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 35087-100	5.4	194
60	Stromal cell-derived factor-1alpha is cardioprotective after myocardial infarction. <i>Circulation</i> , 2008 , 117, 2224-31	16.7	182
59	The expression of endothelial nitric-oxide synthase is controlled by a cell-specific histone code. <i>Journal of Biological Chemistry</i> , 2005 , 280, 24824-38	5.4	181
58	Lats2/Kpm is required for embryonic development, proliferation control and genomic integrity. <i>EMBO Journal</i> , 2004 , 23, 3677-88	13	164
57	Endothelial cells suppress monocyte activation through secretion of extracellular vesicles containing antiinflammatory microRNAs. <i>Blood</i> , 2015 , 125, 3202-12	2.2	144
56	Extracellular Vesicles Secreted by Atherogenic Macrophages Transfer MicroRNA to Inhibit Cell Migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 49-63	9.4	127
55	MicroRNAs: opening a new vein in angiogenesis research. <i>Science Signaling</i> , 2009 , 2, pe1	8.8	125
54	A Slit/miR-218/Robo regulatory loop is required during heart tube formation in zebrafish. <i>Development (Cambridge)</i> , 2011 , 138, 1409-19	6.6	125
53	Epigenetic basis for the transcriptional hyporesponsiveness of the human inducible nitric oxide synthase gene in vascular endothelial cells. <i>Journal of Immunology</i> , 2005 , 175, 3846-61	5.3	114
52	Hypoxic repression of endothelial nitric-oxide synthase transcription is coupled with eviction of promoter histones. <i>Journal of Biological Chemistry</i> , 2010 , 285, 810-26	5.4	110

51	Epigenetics of Atherosclerosis: Emerging Mechanisms and Methods. <i>Trends in Molecular Medicine</i> , 2017 , 23, 332-347	11.5	109
50	Post-transcriptional regulation of endothelial nitric-oxide synthase by an overlapping antisense mRNA transcript. <i>Journal of Biological Chemistry</i> , 2004 , 279, 37982-96	5.4	108
49	Hypoxia-inducible expression of a natural cis-antisense transcript inhibits endothelial nitric-oxide synthase. <i>Journal of Biological Chemistry</i> , 2007 , 282, 15652-66	5.4	106
48	Relative reduction of endothelial nitric-oxide synthase expression and transcription in atherosclerosis-prone regions of the mouse aorta and in an in vitro model of disturbed flow. <i>American Journal of Pathology</i> , 2007 , 171, 1691-704	5.8	105
47	ETS factors regulate Vegf-dependent arterial specification. <i>Developmental Cell</i> , 2013 , 26, 45-58	10.2	100
46	The molecular regulation of arteriovenous specification and maintenance. <i>Developmental Dynamics</i> , 2015 , 244, 391-409	2.9	91
45	The CXCR4/CXCR7/SDF-1 pathway contributes to the pathogenesis of Shiga toxin-associated hemolytic uremic syndrome in humans and mice. <i>Journal of Clinical Investigation</i> , 2012 , 122, 759-76	15.9	79
44	Hypoxic repression of endothelial nitric-oxide synthase transcription is coupled with eviction of promoter histones.. <i>Journal of Biological Chemistry</i> , 2010 , 285, 11754	5.4	78
43	Paradoxical Suppression of Atherosclerosis in the Absence of microRNA-146a. <i>Circulation Research</i> , 2017 , 121, 354-367	15.7	66
42	MicroRNA control of vascular endothelial growth factor signaling output during vascular development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 193-200	9.4	55
41	Noncoding RNAs regulate NF- κ B signaling to modulate blood vessel inflammation. <i>Frontiers in Genetics</i> , 2014 , 5, 422	4.5	54
40	Human cardiac fibrosis-on-a-chip model recapitulates disease hallmarks and can serve as a platform for drug testing. <i>Biomaterials</i> , 2020 , 233, 119741	15.6	49
39	miR-155 Modifies Inflammation, Endothelial Activation and Blood-Brain Barrier Dysfunction in Cerebral Malaria. <i>Molecular Medicine</i> , 2017 , 23, 24-33	6.2	43
38	Cardioprotective Signature of Short-Term Caloric Restriction. <i>PLoS ONE</i> , 2015 , 10, e0130658	3.7	43
37	Cellular senescence contributes to age-dependent changes in circulating extracellular vesicle cargo and function. <i>Aging Cell</i> , 2020 , 19, e13103	9.9	42
36	Dynamic regulation of VEGF-inducible genes by an ERK/ERG/p300 transcriptional network. <i>Development (Cambridge)</i> , 2017 , 144, 2428-2444	6.6	41
35	Overcoming Barriers: The Endothelium As a Linchpin of Coronavirus Disease 2019 Pathogenesis?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 1818-1829	9.4	41
34	MAP kinase kinase 6-p38 MAP kinase signaling cascade regulates cyclooxygenase-2 expression in cardiac myocytes in vitro and in vivo. <i>Circulation Research</i> , 2003 , 92, 757-64	15.7	38

33	Regulation of expression in human vascular endothelial cells by a neighboring divergently transcribed long noncoding RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16410-16419	11.5	36
32	Ezh2-mediated repression of a transcriptional pathway upstream of Mmp9 maintains integrity of the developing vasculature. <i>Development (Cambridge)</i> , 2014 , 141, 4610-7	6.6	35
31	Endothelial miRNAs as Cellular Messengers in Cardiometabolic Diseases. <i>Trends in Endocrinology and Metabolism</i> , 2017 , 28, 237-246	8.8	28
30	Extracellular Vesicles as Protagonists of Diabetic Cardiovascular Pathology. <i>Frontiers in Cardiovascular Medicine</i> , 2017 , 4, 71	5.4	28
29	c-Jun N-terminal kinase-mediated stabilization of microsomal prostaglandin E2 synthase-1 mRNA regulates delayed microsomal prostaglandin E2 synthase-1 expression and prostaglandin E2 biosynthesis by cardiomyocytes. <i>Journal of Biological Chemistry</i> , 2006 , 281, 16443-52	5.4	26
28	Expression Associates With Inflammation in Early Atherosclerosis in Humans and Can Be Therapeutically Silenced to Reduce NF- κ B Activation and Atherogenesis in Mice. <i>Circulation</i> , 2021 , 143, 163-177	16.7	20
27	Somatic Gain of KRAS Function in the Endothelium Is Sufficient to Cause Vascular Malformations That Require MEK but Not PI3K Signaling. <i>Circulation Research</i> , 2020 , 127, 727-743	15.7	19
26	Taming endothelial activation with a microRNA. <i>Journal of Clinical Investigation</i> , 2012 , 122, 1967-70	15.9	17
25	A primer on the role of microRNAs in endothelial biology and vascular disease. <i>Seminars in Nephrology</i> , 2012 , 32, 167-75	4.8	15
24	SNOMED CT Concept Hierarchies for Sharing Definitions of Clinical Conditions Using Electronic Health Record Data. <i>Applied Clinical Informatics</i> , 2018 , 9, 667-682	3.1	15
23	How Common Are Pulmonary and Hepatic Adverse Effects in Older Adults Prescribed Nitrofurantoin?. <i>Journal of the American Geriatrics Society</i> , 2017 , 65, 1316-1320	5.6	13
22	The transcriptional regulator CCCTC-binding factor limits oxidative stress in endothelial cells. <i>Journal of Biological Chemistry</i> , 2018 , 293, 8449-8461	5.4	13
21	Dysfunctional Vascular Endothelium as a Driver of Atherosclerosis: Emerging Insights Into Pathogenesis and Treatment.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 787541	5.6	13
20	Somatic Activating KRAS Mutations in Arteriovenous Malformations of the Brain. <i>New England Journal of Medicine</i> , 2018 , 378, 1561-1562	59.2	12
19	Fingerprint of long non-coding RNA regulated by cyclic mechanical stretch in human aortic smooth muscle cells: implications for hypertension. <i>Molecular and Cellular Biochemistry</i> , 2017 , 435, 163-173	4.2	11
18	MicroRNAs as sentinels and protagonists of carotid artery thromboembolism. <i>Clinical Science</i> , 2020 , 134, 169-192	6.5	8
17	Mechanisms of Cardiovascular Toxicity of BCR-ABL1 Tyrosine Kinase Inhibitors in Chronic Myelogenous Leukemia. <i>Current Hematologic Malignancy Reports</i> , 2020 , 15, 20-30	4.4	7
16	Improving Performance on Preventive Health Quality Measures Using Clinical Decision Support to Capture Care Done Elsewhere and Patient Exceptions. <i>American Journal of Medical Quality</i> , 2018 , 33, 237-245	1.1	5

15	Combined Cardiac Fluorodeoxyglucose-Positron Emission Tomography/Magnetic Resonance Imaging Assessment of Myocardial Injury in Patients Who Recently Recovered From COVID-19.. <i>JAMA Cardiology</i> , 2022 ,	16.2	5
14	Conserved regulatory logic at accessible and inaccessible chromatin during the acute inflammatory response in mammals. <i>Nature Communications</i> , 2021 , 12, 567	17.4	5
13	Transforming endothelial cells in atherosclerosis. <i>Nature Metabolism</i> , 2019 , 1, 856-857	14.6	4
12	Vasculature-on-a-chip platform with innate immunity enables identification of angiopoietin-1 derived peptide as a therapeutic for SARS-CoV-2 induced inflammation.. <i>Lab on A Chip</i> , 2022 ,	7.2	4
11	Depression Screening and Measurement-Based Care in Primary Care. <i>Journal of Primary Care and Community Health</i> , 2020 , 11, 2150132720931261	2.1	4
10	Recurrent Myocarditis Induced by Immune-Checkpoint Inhibitor Treatment Is Accompanied by Persistent Inflammatory Markers Despite Immunosuppressive Treatment. <i>JCO Precision Oncology</i> , 2021 , 5,	3.6	4
9	c-Myb Exacerbates Atherosclerosis through Regulation of Protective IgM-Producing Antibody-Secreting Cells. <i>Cell Reports</i> , 2019 , 27, 2304-2312.e6	10.6	3
8	Cancer therapy-related cardiac dysfunction: is endothelial dysfunction at the heart of the matter?. <i>Clinical Science</i> , 2021 , 135, 1487-1503	6.5	3
7	MiR-30 promotes fatty acid beta-oxidation and endothelial cell dysfunction and is a circulating biomarker of coronary microvascular dysfunction in pre-clinical models of diabetes.. <i>Cardiovascular Diabetology</i> , 2022 , 21, 31	8.7	3
6	Patient, Provider, and System Factors Associated With Failure to Follow-Up Elevated Glucose Results in Patients Without Diagnosed Diabetes. <i>Health Services Research and Managerial Epidemiology</i> , 2017 , 4, 2333392817721647	1.4	2
5	Cardiovascular signatures of COVID-19 predict mortality and identify barrier stabilizing therapies.. <i>EBioMedicine</i> , 2022 , 78, 103982	8.8	2
4	Coupled Effect of Electronic Medical Record Modifications and Lean Six Sigma Methodology on Rheumatoid Arthritis Disease Activity Measurement and Treat-to-Target Outcomes. <i>ACR Open Rheumatology</i> , 2021 , 3, 164-172	3.5	1
3	Modeling oncolytic virus dynamics in the tumor microenvironment using zebrafish. <i>Cancer Gene Therapy</i> , 2021 , 28, 769-784	5.4	0
2	MicroRNA-Based Regulation of Embryonic Endothelial Cell Heterogeneity at Single-Cell Resolution.. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022 , 42, 343-347	9.4	0
1	The Endothelium as a Hub for Cellular Communication in Atherogenesis: Is There Directionality to the Message?. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 888390	5.4	0