Felix Jansen

List of Publications by Year
in descending order

48 papers	2,684 citations	304368 22 h-index	223531 46 g-index
48 all docs	48 docs citations	48 times ranked	4053 citing authors

#	Article	IF	Citations
1	Endothelial Microparticleâ€"Mediated Transfer of MicroRNA-126 Promotes Vascular Endothelial Cell Repair via SPRED1 and Is Abrogated in Glucose-Damaged Endothelial Microparticles. Circulation, 2013, 128, 2026-2038.	1.6	391
2	MicroRNA Expression in Circulating Microvesicles Predicts Cardiovascular Events in Patients With Coronary Artery Disease. Journal of the American Heart Association, 2014, 3, e001249.	1.6	266
3	Extracellular Vesicles in Cardiovascular Disease. Circulation Research, 2017, 120, 1649-1657.	2.0	190
4	High glucose condition increases NADPH oxidase activity in endothelial microparticles that promote vascular inflammation. Cardiovascular Research, 2013, 98, 94-106.	1.8	177
5	Aortic Valve Stenosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 885-900.	1.1	124
6	Atherosclerotic Conditions Promote the Packaging of Functional MicroRNA-92a-3p Into Endothelial Microvesicles. Circulation Research, 2019, 124, 575-587.	2.0	121
7	Vascular endothelial microparticles-incorporated microRNAs are altered in patients with diabetes mellitus. Cardiovascular Diabetology, 2016, 15, 49.	2.7	116
8	Endothelial Microparticle Uptake in Target Cells Is Annexin I/Phosphatidylserine Receptor Dependent and Prevents Apoptosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1925-1935.	1.1	110
9	Extracellular Vesicles in Cardiovascular Theranostics. Theranostics, 2017, 7, 4168-4182.	4.6	108
10	Intercellular transfer of miR-126-3p by endothelial microparticles reduces vascular smooth muscle cell proliferation and limits neointima formation by inhibiting LRP6. Journal of Molecular and Cellular Cardiology, 2017, 104, 43-52.	0.9	104
11	Endothelial- and Immune Cell-Derived Extracellular Vesicles in the Regulation ofÂCardiovascular Health and Disease. JACC Basic To Translational Science, 2017, 2, 790-807.	1.9	104
12	Endothelial microparticles reduce <scp>ICAM</scp>â€1 expression in a micro<scp>RNA</scp>â€222â€dependent mechanism. Journal of Cellular and Molecular Medicine, 2015, 19, 2202-2214.	1.6	102
13	Vascular pathologies in chronic kidney disease: pathophysiological mechanisms and novel therapeutic approaches. Journal of Molecular Medicine, 2021, 99, 335-348.	1.7	83
14	Activation of Rac-1 and RhoA Contributes to Podocyte Injury in Chronic Kidney Disease. PLoS ONE, 2013, 8, e80328.	1.1	74
15	Intravascular Lithotripsy in Calcified Coronary Lesions. Circulation: Cardiovascular Interventions, 2019, 12, e008154.	1.4	69
16	Effects of High Intensity Training and High Volume Training on Endothelial Microparticles and Angiogenic Growth Factors. PLoS ONE, 2014, 9, e96024.	1.1	62
17	The RNAâ€binding protein hnRNPU regulates the sorting of microRNAâ€30câ€5p into large extracellular vesicles. Journal of Extracellular Vesicles, 2020, 9, 1786967.	5.5	56
18	Role and Function of MicroRNAs in Extracellular Vesicles in Cardiovascular Biology. BioMed Research International, 2015, 2015, 1-11.	0.9	55

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19	Inhibition of the Soluble Epoxide Hydrolase Promotes Albuminuria in Mice with Progressive Renal Disease. PLoS ONE, 2010, 5, e11979.	1.1	54
20	Methods for the identification and characterization of extracellular vesicles in cardiovascular studies: from exosomes to microvesicles. Cardiovascular Research, 2023, 119, 45-63.	1.8	44
21	Kinetics of Circulating MicroRNAs in Response to Cardiac Stress in Patients With Coronary Artery Disease. Journal of the American Heart Association, 2017, 6, .	1.6	29
22	MicroRNAs As Master Regulators of Atherosclerosis: From Pathogenesis to Novel Therapeutic Options. Antioxidants and Redox Signaling, 2020, 33, 621-644.	2.5	28
23	Sustained apnea induces endothelial activation. Clinical Cardiology, 2017, 40, 704-709.	0.7	21
24	MicroRNA-mediated vascular intercellular communication is altered in chronic kidney disease. Cardiovascular Research, 2022, 118, 316-333.	1.8	21
25	CAD increases the long noncoding RNA PUNISHER in small extracellular vesicles and regulates endothelial cell function via vesicular shuttling. Molecular Therapy - Nucleic Acids, 2021, 25, 388-405.	2.3	21
26	Endothelial microparticle-promoted inhibition of vascular remodeling is abrogated under hyperglycaemic conditions. Journal of Molecular and Cellular Cardiology, 2017, 112, 91-94.	0.9	19
27	Sodium thiocyanate treatment attenuates atherosclerotic plaque formation and improves endothelial regeneration in mice. PLoS ONE, 2019, 14, e0214476.	1.1	18
28	Incidence, Risk Factors and Impact on Long-Term Outcome of Postoperative Delirium After Transcatheter Aortic Valve Replacement. Frontiers in Cardiovascular Medicine, 2021, 8, 645724.	1.1	16
29	Integrative Multi-Omics Analysis in Calcific Aortic Valve Disease Reveals a Link to the Formation of Amyloid-Like Deposits. Cells, 2020, 9, 2164.	1.8	15
30	AIM2 Stimulation Impairs Reendothelialization and Promotes the Development of Atherosclerosis in Mice. Frontiers in Cardiovascular Medicine, 2020, 7, 582482.	1.1	14
31	CD-144 positive endothelial microparticles are increased in patients with systemic inflammatory response syndrome after TAVI. International Journal of Cardiology, 2016, 204, 172-174.	0.8	9
32	Activation of neutral sphingomyelinase 2 through hyperglycemia contributes to endothelial apoptosis via vesicle-bound intercellular transfer of ceramides. Cellular and Molecular Life Sciences, 2022, 79, 1.	2.4	9
33	Circulating Microparticles Decrease After Cardiac Stress in Patients With Significant Coronary Artery Stenosis. Clinical Cardiology, 2016, 39, 570-577.	0.7	8
34	Inhibition of Rac1 GTPase Decreases Vascular Oxidative Stress, Improves Endothelial Function, and Attenuates Atherosclerosis Development in Mice. Frontiers in Cardiovascular Medicine, 2021, 8, 680775.	1.1	8
35	Role, Function and Therapeutic Potential of microRNAs in Vascular Aging. Current Vascular Pharmacology, 2015, 13, 324-330.	0.8	8
36	Transverse aortic constriction-induced heart failure leads to increased levels of circulating microparticles. International Journal of Cardiology, 2022, 347, 54-58.	0.8	6

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37	Regulatory mechanisms of micro<scp>RNA</scp> sorting into extracellular vesicles. Acta Physiologica, 2018, 222, e13018.	1.8	5
38	Small blebs, big potential â€" can extracellular vesicles cure cardiovascular disease?. European Heart Journal, 2022, 43, 95-97.	1.0	4
39	Smartphone-guided secondary prevention for patients with coronary artery disease. Journal of Rehabilitation and Assistive Technologies Engineering, 2021, 8, 205566832199657.	0.6	3
40	NcRNAs in Vascular and Valvular Intercellular Communication. Frontiers in Molecular Biosciences, 2021, 8, 749681.	1.6	3
41	Large extracellular vesicles in the left atrial appendage in patients with atrial fibrillationâ€"the missing link?. Clinical Research in Cardiology, 2021, , 1.	1.5	2
42	Circulating chaperones in patients with aortic valve stenosis undergoing TAVR: impact of concomitant chronic kidney disease. Translational Research, 2021, 233, 117-126.	2.2	2
43	Smart devices resulting in big effect: can apps cure heart disease?. European Heart Journal, 2022, 43, 2003-2004.	1.0	2
44	Of Vesicles and Viruses. Circulation Research, 2019, 125, 821-823.	2.0	1
45	CCN1 regulates cholesterol metabolismâ€"OxLDL enters the matrix. Acta Physiologica, 2019, 225, e13239.	1.8	1
46	Analysis of nocturnal, hypoxia-induced miRNAs in sleep apnea patients. PLoS ONE, 2022, 17, e0263747.	1.1	1
47	Response by Goody and Jansen to Letter Regarding Article, â€œAortic Valve Stenosis: From Basic Mechanisms to Novel Therapeutic Targetsâ€ Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e182.	1.1	0
48	Editorial: Comorbidities and Aortic Valve Stenosis: Molecular Mechanism, Risk Factors and Novel Therapeutic Options. Frontiers in Cardiovascular Medicine, 2021, 8, 811310.	1.1	0