Andreas Schober

List of Publications by Year in Descending Order

93 papers	9,866 citations	50 h-index	99 g-index
102 ext. papers	11,069 ext. citations	10.7 avg, IF	5.88 L-index

#	Paper	IF	Citations
93	Regulatory Non-coding RNAs in Atherosclerosis. *Handbook of Experimental Pharmacology*, **2021**, 1	3.2	0
92	miR155 Deficiency Reduces Myofibroblast Density but Fails to Improve Cardiac Function after Myocardial Infarction in Dyslipidemic Mouse Model. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
91	MicroRNA-21 Controls Circadian Regulation of Apoptosis in Atherosclerotic Lesions. *Circulation*, **2021**, 144, 1059-1073	16.7	11
90	Neutrophil microvesicles drive atherosclerosis by delivering miR-155 to atheroprone endothelium. *Nature Communications*, **2020**, 11, 214	17.4	55
89	HIF-1 (Hypoxia-Inducible Factor-1) Promotes Macrophage Necroptosis by Regulating miR-210 and miR-383. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 583-596	9.4	31
88	Non-activatable mutant of inhibitor of kappa B kinase (IKK) exerts vascular site-specific effects on atherosclerosis in Apoe-deficient mice. *Atherosclerosis*, **2020**, 292, 23-30	3.1	2
87	MicroRNA signatures in cardiac biopsies and detection of allograft rejection. *Journal of Heart and Lung Transplantation*, **2018**, 37, 1329-1340	5.8	25
86	miR-103 promotes endothelial maladaptation by targeting lncWDR59. *Nature Communications*, **2018**, 9, 2645	17.4	40
85	Macrophage MicroRNAs as Therapeutic Targets for Atherosclerosis, Metabolic Syndrome, and Cancer. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	18
84	Dicer in Macrophages Prevents Atherosclerosis by Promoting Mitochondrial Oxidative Metabolism. *Circulation*, **2018**, 138, 2007-2020	16.7	54
83	Deletion of MFGE8 Inhibits Neointima Formation upon Arterial Damage. *Thrombosis and Haemostasis*, **2018**, 118, 1340-1342	7	8
82	Dicer promotes endothelial recovery and limits lesion formation after vascular injury through miR-126-5p. *International Journal of Cardiology*, **2018**, 273, 199-202	3.2	8
81	Adventitial lymphatic capillary expansion impacts on plaque T cell accumulation in atherosclerosis. *Scientific Reports*, **2017**, 7, 45263	4.9	25
80	Regulation of Atherosclerosis by microRNAs. *Cardiac and Vascular Biology*, **2017**, 1-20	0.2	1
79	Hyperlipidemia-Induced MicroRNA-155-5p Improves Cell Function by Targeting. *Diabetes*, **2017**, 66, 3072-3084	0.9	25
78	Mechanical Activation of Hypoxia-Inducible Factor 1 Drives Endothelial Dysfunction at Atheroprone Sites. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 2087-2101	9.4	96
77	Paradoxical Suppression of Atherosclerosis in the Absence of microRNA-146a. *Circulation Research*, **2017**, 121, 354-367	15.7	66

76	Dicer generates a regulatory microRNA network in smooth muscle cells that limits neointima formation during vascular repair. *Cellular and Molecular Life Sciences*, **2017**, 74, 359-372	10.3	13
75	MicroRNA-Based Therapy of GATA2-Deficient Vascular Disease. *Circulation*, **2016**, 134, 1973-1990	16.7	32
74	Endothelial Dicer promotes atherosclerosis and vascular inflammation by miRNA-103-mediated suppression of KLF4. *Nature Communications*, **2016**, 7, 10521	17.4	81
73	Mechanisms of MicroRNAs in Atherosclerosis. *Annual Review of Pathology: Mechanisms of Disease*, **2016**, 11, 583-616	34	56
72	MicroRNA regulation of macrophages in human pathologies. *Cellular and Molecular Life Sciences*, **2016**, 73, 3473-95	10.3	43
71	MIF interacts with CXCR7 to promote receptor internalization, ERK1/2 and ZAP-70 signaling, and lymphocyte chemotaxis. *FASEB Journal*, **2015**, 29, 4497-511	0.9	78
70	Regulation of Csf1r and Bcl6 in macrophages mediates the stage-specific effects of microRNA-155 on atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 796-803	9.4	63
69	MicroRNA-mediated mechanisms of the cellular stress response in atherosclerosis. *Nature Reviews Cardiology*, **2015**, 12, 361-74	14.8	77
68	Endothelial Hypoxia-Inducible Factor-1 Promotes Atherosclerosis and Monocyte Recruitment by Upregulating MicroRNA-19a. *Hypertension*, **2015**, 66, 1220-6	8.5	88
67	MicroRNA-specific regulatory mechanisms in atherosclerosis. *Journal of Molecular and Cellular Cardiology*, **2015**, 89, 35-41	5.8	49
66	Endothelial cells suppress monocyte activation through secretion of extracellular vesicles containing antiinflammatory microRNAs. *Blood*, **2015**, 125, 3202-12	2.2	144
65	MicroRNAs and the response to injury in atherosclerosis. *Hamostaseologie*, **2015**, 35, 142-50	1.9	22
64	Chemokines and microRNAs in atherosclerosis. *Cellular and Molecular Life Sciences*, **2015**, 72, 3253-66	10.3	46
63	Hyperreactivity of junctional adhesion molecule A-deficient platelets accelerates atherosclerosis in hyperlipidemic mice. *Circulation Research*, **2015**, 116, 587-99	15.7	59
62	MicroRNA-126-5p promotes endothelial proliferation and limits atherosclerosis by suppressing Dlk1. *Nature Medicine*, **2014**, 20, 368-76	50.5	427
61	High expression of C5L2 correlates with high proinflammatory cytokine expression in advanced human atherosclerotic plaques. *American Journal of Pathology*, **2014**, 184, 2123-33	5.8	19
60	Cardiac fibroblast-derived microRNA passenger strand-enriched exosomes mediate cardiomyocyte hypertrophy. *Journal of Clinical Investigation*, **2014**, 124, 2136-46	15.9	617
59	Deficiency of endothelial CXCR4 reduces reendothelialization and enhances neointimal hyperplasia after vascular injury in atherosclerosis-prone mice. *Arteriosclerosis, Thrombosis, and Vascular Biology* , **2014**, 34, 1209-20	9.4	49

58	Activation of CXCR7 limits atherosclerosis and improves hyperlipidemia by increasing cholesterol uptake in adipose tissue. *Circulation*, **2014**, 129, 1244-53	16.7	52
57	Differential roles of angiogenic chemokines in endothelial progenitor cell-induced angiogenesis. *Basic Research in Cardiology*, **2013**, 108, 310	11.8	70
56	MicroRNAs in flow-dependent vascular remodelling. *Cardiovascular Research*, **2013**, 99, 294-303	9.9	98
55	MicroRNA-126, -145, and -155: a therapeutic triad in atherosclerosis?. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 449-54	9.4	166
54	The microRNA-342-5p fosters inflammatory macrophage activation through an Akt1- and microRNA-155-dependent pathway during atherosclerosis. *Circulation*, **2013**, 127, 1609-19	16.7	163
53	CXCL12 promotes the stabilization of atherosclerotic lesions mediated by smooth muscle progenitor cells in Apoe-deficient mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 679-86	8.4	64
52	Pathogenic arterial remodeling: the good and bad of microRNAs. *American Journal of Physiology - Heart and Circulatory Physiology*, **2013**, 304, H1050-9	5.2	91
51	Lysophosphatidic acid in atherosclerotic diseases. *British Journal of Pharmacology*, **2012**, 167, 465-82	8.6	69
50	The role of microRNAs in arterial remodelling. *Thrombosis and Haemostasis*, **2012**, 107, 611-8	7	84
49	Myocardial regeneration by transplantation of modified endothelial progenitor cells expressing SDF-1 in a rat model. *Journal of Cellular and Molecular Medicine*, **2012**, 16, 2311-20	5.6	27
48	Smooth Muscle Progenitor Cells **2012**, 1391-1400		1
47	MicroRNA-155 promotes atherosclerosis by repressing Bcl6 in macrophages. *Journal of Clinical Investigation*, **2012**, 122, 4190-202	15.9	359
46	The CXCR4 antagonist POL5551 is equally effective as sirolimus in reducing neointima formation without impairing re-endothelialisation. *Thrombosis and Haemostasis*, **2012**, 107, 356-68	7	20
45	Double-edged role of the CXCL12/CXCR4 axis in experimental myocardial infarction. *Journal of the American College of Cardiology*, **2011**, 58, 2415-23	15.1	93
44	Lipoprotein-derived lysophosphatidic acid promotes atherosclerosis by releasing CXCL1 from the endothelium. *Cell Metabolism*, **2011**, 13, 592-600	24.6	146
43	Virtual elastic sphere processing enables reproducible quantification of vessel stenosis at CT and MR angiography. *Radiology*, **2011**, 260, 709-17	20.5	34
42	Bedeutung von Chemokinen in der Atherogenese. *Kardiologie Up2date*, **2011**, 7, 269-275	0	
41	CD34+CD140b+ cells and circulating CXCL12 correlate with the angiographically assessed severity of cardiac allograft vasculopathy. *European Heart Journal*, **2011**, 32, 476-84	9.5	20

40	Bone marrow-derived smooth muscle cells are breaking bad in atherogenesis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 1258-9	9.4	1
39	Lysophosphatidic acid receptors LPA1 and LPA3 promote CXCL12-mediated smooth muscle progenitor cell recruitment in neointima formation. *Circulation Research*, **2010**, 107, 96-105	15.7	56
38	Delivery of microRNA-126 by apoptotic bodies induces CXCL12-dependent vascular protection. *Science Signaling*, **2009**, 2, ra81	8.8	978
37	A small molecule CXCR4 antagonist inhibits neointima formation and smooth muscle progenitor cell mobilization after arterial injury. *Journal of Thrombosis and Haemostasis*, **2008**, 6, 1812-5	15.4	40
36	Mechanisms of arterial remodeling and neointima formation: an updated view on the chemokine system. *Drug Discovery Today Disease Mechanisms*, **2008**, 5, e293-e298		3
35	Leptin and EPCs in arterial injury: yes, we can!. *Circulation Research*, **2008**, 103, 447-9	15.7	1
34	Adult progenitor cells in vascular remodeling during atherosclerosis. *Biological Chemistry*, **2008**, 389, 837-44	4.5	32
33	Chemokines in vascular dysfunction and remodeling. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 1950-9	9.4	204
32	Protective role of CXC receptor 4/CXC ligand 12 unveils the importance of neutrophils in atherosclerosis. *Circulation Research*, **2008**, 102, 209-17	15.7	322
31	Chemokine-like functions of MIF in atherosclerosis. *Journal of Molecular Medicine*, **2008**, 86, 761-70	5.5	58
30	Chemokines in vascular remodeling. *Thrombosis and Haemostasis*, **2007**, 97, 730-737	7	123
29	MIF is a noncognate ligand of CXC chemokine receptors in inflammatory and atherogenic cell recruitment. *Nature Medicine*, **2007**, 13, 587-96	50.5	895
28	Indium-111 oxine labelling affects the cellular integrity of haematopoietic progenitor cells. *European Journal of Nuclear Medicine and Molecular Imaging*, **2007**, 34, 715-721	8.8	47
27	Expression of HIF-1alpha in injured arteries controls SDF-1alpha mediated neointima formation in apolipoprotein E deficient mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2007**, 27, 2540-7	9.4	78
26	MIF and Atherosclerosis **2007**, 217-228		
25	Chemokines in vascular remodeling. *Thrombosis and Haemostasis*, **2007**, 97, 730-7	7	48
24	Intracoronary infusion of autologous bone marrow cells and left ventricular function after acute myocardial infarction: a meta-analysis. *Journal of Cellular and Molecular Medicine*, **2006**, 10, 727-33	5.6	74
23	SDF-1alpha-mediated tissue repair by stem cells: a promising tool in cardiovascular medicine?. *Trends in Cardiovascular Medicine*, **2006**, 16, 103-8	6.9	63

22	Reduction of the aortic inflammatory response in spontaneous atherosclerosis by blockade of macrophage migration inhibitory factor (MIF). *Atherosclerosis*, **2006**, 184, 28-38	3.1	95
21	Peripheral CD34+ cells and the risk of in-stent restenosis in patients with coronary heart disease. *American Journal of Cardiology*, **2005**, 96, 1116-22	3	46
20	SDF-1alpha/CXCR4 axis is instrumental in neointimal hyperplasia and recruitment of smooth muscle progenitor cells. *Circulation Research*, **2005**, 96, 784-91	15.7	314
19	Oxidized phospholipids trigger atherogenic inflammation in murine arteries. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 633-8	9.4	117
18	Mechanisms of monocyte recruitment in vascular repair after injury. *Antioxidants and Redox Signaling*, **2005**, 7, 1249-57	8.4	59
17	Involvement of JAM-A in mononuclear cell recruitment on inflamed or atherosclerotic endothelium: inhibition by soluble JAM-A. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 729-35	9.4	68
16	Dexamethasone and restenosis after coronary stent implantation: new indication for an old drug?. *Current Pharmaceutical Design*, **2004**, 10, 349-55	3.3	20
15	Neointimal smooth muscle cells display a proinflammatory phenotype resulting in increased leukocyte recruitment mediated by P-selectin and chemokines. *Circulation Research*, **2004**, 94, 776-84	15.7	100
14	Chemokines: key regulators of mononuclear cell recruitment in atherosclerotic vascular disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 1997-2008	9.4	203
13	Stabilization of atherosclerotic plaques by blockade of macrophage migration inhibitory factor after vascular injury in apolipoprotein E-deficient mice. *Circulation*, **2004**, 109, 380-5	16.7	151
12	Crucial role of the CCL2/CCR2 axis in neointimal hyperplasia after arterial injury in hyperlipidemic mice involves early monocyte recruitment and CCL2 presentation on platelets. *Circulation Research*, **2004**, 95, 1125-33	15.7	109
11	Blockade of keratinocyte-derived chemokine inhibits endothelial recovery and enhances plaque formation after arterial injury in ApoE-deficient mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 1891-6	9.4	61
10	Circulating activated platelets exacerbate atherosclerosis in mice deficient in apolipoprotein E. *Nature Medicine*, **2003**, 9, 61-7	50.5	820
9	Crucial role of stromal cell-derived factor-1alpha in neointima formation after vascular injury in apolipoprotein E-deficient mice. *Circulation*, **2003**, 108, 2491-7	16.7	178
8	Deposition of platelet RANTES triggering monocyte recruitment requires P-selectin and is involved in neointima formation after arterial injury. *Circulation*, **2002**, 106, 1523-9	16.7	288
7	Cationic amino acid transporter mRNA expression in rat kidney and liver. *Kidney International*, **1998**, 67, S136-8	9.9	4
6	Influence of osmotic stress on heat shock proteins 25 and 72 in mouse mesangial cells. *Kidney International*, **1998**, 67, S162-4	9.9	5
5	Effect of ischemia on localization of heat shock protein 25 in kidney. *Kidney International*, **1998**, 67, S174-6	9.9	17

4	The response of heat shock proteins 25 and 72 to ischaemia in different kidney zones. *Pflugers Archiv European Journal of Physiology*, **1997**, 434, 292-9	4.6	38
3	NADPH-diaphorase in the central nervous system of the larval lamprey (Lampetra planeri). *Journal of Comparative Neurology*, **1994**, 345, 94-104	3.4	60
2	Central projections of the nervus terminalis and the nervus praeopticus in the lungfish brain revealed by nitric oxide synthase. *Journal of Comparative Neurology*, **1994**, 349, 1-19	3.4	48
1	Neutrophil microvesicles drive atherosclerosis by deliveringmiR-155to atheroprone endothelium		3