

Andreas Schober

List of Publications by Year in descending order

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98
papers

11,961
citations

30047

54
h-index

36008

97
g-index

102
all docs

102
docs citations

102
times ranked

14881
citing authors

#	ARTICLE	IF	CITATIONS
1	Delivery of MicroRNA-126 by Apoptotic Bodies Induces CXCL12-Dependent Vascular Protection. <i>Science Signaling</i> , 2009, 2, ra81.	1.6	1,165
2	MIF is a noncognate ligand of CXC chemokine receptors in inflammatory and atherogenic cell recruitment. <i>Nature Medicine</i> , 2007, 13, 587-596.	15.2	1,065
3	Circulating activated platelets exacerbate atherosclerosis in mice deficient in apolipoprotein E. <i>Nature Medicine</i> , 2003, 9, 61-67.	15.2	931
4	Cardiac fibroblast-derived microRNA passenger strand-enriched exosomes mediate cardiomyocyte hypertrophy. <i>Journal of Clinical Investigation</i> , 2014, 124, 2136-2146.	3.9	803
5	MicroRNA-126-5p promotes endothelial proliferation and limits atherosclerosis by suppressing Dlk1. <i>Nature Medicine</i> , 2014, 20, 368-376.	15.2	527
6	MicroRNA-155 promotes atherosclerosis by repressing Bcl6 in macrophages. <i>Journal of Clinical Investigation</i> , 2012, 122, 4190-4202.	3.9	436
7	Protective Role of CXC Receptor 4/CXC Ligand 12 Unveils the Importance of Neutrophils in Atherosclerosis. <i>Circulation Research</i> , 2008, 102, 209-217.	2.0	363
8	SDF-1 β /CXCR4 Axis Is Instrumental in Neointimal Hyperplasia and Recruitment of Smooth Muscle Progenitor Cells. <i>Circulation Research</i> , 2005, 96, 784-791.	2.0	345
9	Deposition of Platelet RANTES Triggering Monocyte Recruitment Requires P-Selectin and Is Involved in Neointima Formation After Arterial Injury. <i>Circulation</i> , 2002, 106, 1523-1529.	1.6	332
10	Chemokines in Vascular Dysfunction and Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1950-1959.	1.1	237
11	Chemokines. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1997-2008.	1.1	229
12	Endothelial cells suppress monocyte activation through secretion of extracellular vesicles containing antiinflammatory microRNAs. <i>Blood</i> , 2015, 125, 3202-3212.	0.6	205
13	MicroRNA-126, -145, and -155. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 449-454.	1.1	202
14	The <i>microRNA-342-5p</i> and <i>microRNA-155</i> Dependent Pathway During Atherosclerosis. <i>Circulation</i> , 2013, 127, 1609-1619.	1.6	193
15	Crucial Role of Stromal Cell-Derived Factor-1 β in Neointima Formation After Vascular Injury in Apolipoprotein E-Deficient Mice. <i>Circulation</i> , 2003, 108, 2491-2497.	1.6	190
16	Lipoprotein-Derived Lysophosphatidic Acid Promotes Atherosclerosis by Releasing CXCL1 from the Endothelium. <i>Cell Metabolism</i> , 2011, 13, 592-600.	7.2	176
17	Stabilization of Atherosclerotic Plaques by Blockade of Macrophage Migration Inhibitory Factor After Vascular Injury in Apolipoprotein E-Deficient Mice. <i>Circulation</i> , 2004, 109, 380-385.	1.6	162
18	Mechanical Activation of Hypoxia-Inducible Factor 1 β Drives Endothelial Dysfunction at Atheroprone Sites. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 2087-2101.	1.1	154

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19	Oxidized Phospholipids Trigger Atherogenic Inflammation in Murine Arteries. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 633-638.	1.1	138
20	Chemokines in vascular remodeling. <i>Thrombosis and Haemostasis</i> , 2007, 97, 730-737.	1.8	134
21	MIF interacts with CXCR7 to promote receptor internalization, ERK1/2 and ZAP70 signaling, and lymphocyte chemotaxis. <i>FASEB Journal</i> , 2015, 29, 4497-4511.	0.2	129
22	Endothelial Hypoxia-Inducible Factor-1 α Promotes Atherosclerosis and Monocyte Recruitment by Upregulating MicroRNA-19a. <i>Hypertension</i> , 2015, 66, 1220-1226.	1.3	128
23	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. <i>Circulation Research</i> , 2004, 95, 1125-1133.	2.0	125
24	MicroRNAs in flow-dependent vascular remodelling. <i>Cardiovascular Research</i> , 2013, 99, 294-303.	1.8	119
25	Double-Edged Role of the CXCL12/CXCR4 Axis in Experimental Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2011, 58, 2415-2423.	1.2	114
26	Neointimal Smooth Muscle Cells Display a Proinflammatory Phenotype Resulting in Increased Leukocyte Recruitment Mediated by P-Selectin and Chemokines. <i>Circulation Research</i> , 2004, 94, 776-784.	2.0	110
27	Reduction of the aortic inflammatory response in spontaneous atherosclerosis by blockade of macrophage migration inhibitory factor (MIF). <i>Atherosclerosis</i> , 2006, 184, 28-38.	0.4	107
28	Endothelial Dicer promotes atherosclerosis and vascular inflammation by miRNA-103-mediated suppression of KLF4. <i>Nature Communications</i> , 2016, 7, 10521.	5.8	105
29	Neutrophil microvesicles drive atherosclerosis by delivering miR-155 to atheroprone endothelium. <i>Nature Communications</i> , 2020, 11, 214.	5.8	103
30	Regulation of <i>Csf1r</i> and <i>Bcl6</i> in Macrophages Mediates the Stage-Specific Effects of MicroRNA-155 on Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 796-803.	1.1	102
31	MicroRNA-mediated mechanisms of the cellular stress response in atherosclerosis. <i>Nature Reviews Cardiology</i> , 2015, 12, 361-374.	6.1	101
32	The role of microRNAs in arterial remodelling. <i>Thrombosis and Haemostasis</i> , 2012, 107, 611-618.	1.8	100
33	Pathogenic arterial remodeling: the good and bad of microRNAs. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H1050-H1059.	1.5	97
34	Expression of HIF-1 α in Injured Arteries Controls SDF-1 α -Mediated Neointima Formation in Apolipoprotein E-deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 2540-2547.	1.1	88
35	Intracoronary infusion of autologous bone marrow cells and left ventricular function after acute myocardial infarction: a meta-analysis. <i>Journal of Cellular and Molecular Medicine</i> , 2006, 10, 727-733.	1.6	87
36	Lysophosphatidic acid in atherosclerotic diseases. <i>British Journal of Pharmacology</i> , 2012, 167, 465-482.	2.7	80

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37	Involvement of JAM-A in Mononuclear Cell Recruitment on Inflamed or Atherosclerotic Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 729-735.	1.1	79
38	Differential roles of angiogenic chemokines in endothelial progenitor cell-induced angiogenesis. <i>Basic Research in Cardiology</i> , 2013, 108, 310.	2.5	79
39	Paradoxical Suppression of Atherosclerosis in the Absence of microRNA-146a. <i>Circulation Research</i> , 2017, 121, 354-367.	2.0	79
40	Dicer in Macrophages Prevents Atherosclerosis by Promoting Mitochondrial Oxidative Metabolism. <i>Circulation</i> , 2018, 138, 2007-2020.	1.6	79
41	CXCL12 Promotes the Stabilization of Atherosclerotic Lesions Mediated by Smooth Muscle Progenitor Cells in ApoE-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 679-686.	1.1	75
42	Blockade of Keratinocyte-Derived Chemokine Inhibits Endothelial Recovery and Enhances Plaque Formation After Arterial Injury in ApoE-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1891-1896.	1.1	74
43	SDF-1 α -Mediated Tissue Repair by Stem Cells: A Promising Tool in Cardiovascular Medicine?. <i>Trends in Cardiovascular Medicine</i> , 2006, 16, 103-108.	2.3	73
44	Mechanisms of MicroRNAs in Atherosclerosis. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2016, 11, 583-616.	9.6	73
45	Chemokine-like functions of MIF in atherosclerosis. <i>Journal of Molecular Medicine</i> , 2008, 86, 761-770.	1.7	71
46	Chemokines and microRNAs in atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3253-3266.	2.4	71
47	MicroRNA regulation of macrophages in human pathologies. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3473-3495.	2.4	71
48	Hyperreactivity of Junctional Adhesion Molecule A-Deficient Platelets Accelerates Atherosclerosis in Hyperlipidemic Mice. <i>Circulation Research</i> , 2015, 116, 587-599.	2.0	67
49	Mechanisms of Monocyte Recruitment in Vascular Repair After Injury. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 1249-1257.	2.5	64
50	HIF-1 α (Hypoxia-Inducible Factor-1 α) Promotes Macrophage Necroptosis by Regulating miR-210 and miR-383. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 583-596.	1.1	64
51	NADPH-Diaphorase in the central nervous system of the larval lamprey (<i>Lampetra planeri</i>). <i>Journal of Comparative Neurology</i> , 1994, 345, 94-104.	0.9	63
52	Lysophosphatidic Acid Receptors LPA 1 and LPA 3 Promote CXCL12-Mediated Smooth Muscle Progenitor Cell Recruitment in Neointima Formation. <i>Circulation Research</i> , 2010, 107, 96-105.	2.0	61
53	Activation of CXCR7 Limits Atherosclerosis and Improves Hyperlipidemia by Increasing Cholesterol Uptake in Adipose Tissue. <i>Circulation</i> , 2014, 129, 1244-1253.	1.6	61
54	MicroRNA-specific regulatory mechanisms in atherosclerosis. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 89, 35-41.	0.9	58

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55	Chemokines in vascular remodeling. <i>Thrombosis and Haemostasis</i> , 2007, 97, 730-7.	1.8	58
56	Deficiency of Endothelial <i>Cxcr4</i> Reduces Reendothelialization and Enhances Neointimal Hyperplasia After Vascular Injury in Atherosclerosis-Prone Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1209-1220.	1.1	57
57	miR-103 promotes endothelial maladaptation by targeting <i>IncWDR59</i> . <i>Nature Communications</i> , 2018, 9, 2645.	5.8	57
58	Indium-111 oxine labelling affects the cellular integrity of haematopoietic progenitor cells. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 715-721.	3.3	52
59	Peripheral CD34+ Cells and the Risk of In-Stent Restenosis in Patients With Coronary Heart Disease. <i>American Journal of Cardiology</i> , 2005, 96, 1116-1122.	0.7	51
60	Central projections of the nervus terminalis and the nervus praeopticus in the lungfish brain revealed by nitric oxide synthase. <i>Journal of Comparative Neurology</i> , 1994, 349, 1-19.	0.9	50
61	MicroRNA-Based Therapy of GATA2-Deficient Vascular Disease. <i>Circulation</i> , 2016, 134, 1973-1990.	1.6	46
62	Adventitial lymphatic capillary expansion impacts on plaque T cell accumulation in atherosclerosis. <i>Scientific Reports</i> , 2017, 7, 45263.	1.6	44
63	The response of heat shock proteins 25 and 72 to ischaemia in different kidney zones. <i>Pflügers Archiv European Journal of Physiology</i> , 1997, 434, 292-299.	1.3	43
64	A small molecule CXCR4 antagonist inhibits neointima formation and smooth muscle progenitor cell mobilization after arterial injury. <i>Journal of Thrombosis and Haemostasis</i> , 2008, 6, 1812-1815.	1.9	41
65	Hyperlipidemia-Induced MicroRNA-155-5p Improves β^2 -Cell Function by Targeting <i>Mafb</i> . <i>Diabetes</i> , 2017, 66, 3072-3084.	0.3	41
66	Adult progenitor cells in vascular remodeling during atherosclerosis. <i>Biological Chemistry</i> , 2008, 389, 837-844.	1.2	36
67	Virtual Elastic Sphere Processing Enables Reproducible Quantification of Vessel Stenosis at CT and MR Angiography. <i>Radiology</i> , 2011, 260, 709-717.	3.6	36
68	MicroRNA signatures in cardiac biopsies and detection of allograft rejection. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1329-1340.	0.3	34
69	Myocardial regeneration by transplantation of modified endothelial progenitor cells expressing <i>SDF-1</i> in a rat model. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2311-2320.	1.6	31
70	MicroRNAs and the response to injury in atherosclerosis. <i>Hamostaseologie</i> , 2015, 35, 142-150.	0.9	27
71	High Expression of C5L2 Correlates with High Proinflammatory Cytokine Expression in Advanced Human Atherosclerotic Plaques. <i>American Journal of Pathology</i> , 2014, 184, 2123-2133.	1.9	26
72	MicroRNA-21 Controls Circadian Regulation of Apoptosis in Atherosclerotic Lesions. <i>Circulation</i> , 2021, 144, 1059-1073.	1.6	26

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73	Macrophage MicroRNAs as Therapeutic Targets for Atherosclerosis, Metabolic Syndrome, and Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1756.	1.8	25
74	CD34+CD140b+ cells and circulating CXCL12 correlate with the angiographically assessed severity of cardiac allograft vasculopathy. <i>European Heart Journal</i> , 2011, 32, 476-484.	1.0	24
75	Dexamethasone and Restenosis After Coronary Stent Implantation: New Indication for an Old Drug?. <i>Current Pharmaceutical Design</i> , 2004, 10, 349-355.	0.9	22
76	The CXCR4 antagonist POL5551 is equally effective as sirolimus in reducing neointima formation without impairing re-endothelialisation. <i>Thrombosis and Haemostasis</i> , 2012, 107, 356-368.	1.8	22
77	Dicer generates a regulatory microRNA network in smooth muscle cells that limits neointima formation during vascular repair. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 359-372.	2.4	20
78	Effect of ischemia on localization of heat shock protein 25 in kidney. <i>Kidney International</i> , 1998, 54, S174-S176.	2.6	19
79	Circulating miRNAs: messengers on the move in cardiovascular disease. <i>Thrombosis and Haemostasis</i> , 2012, 108, 590-591.	1.8	13
80	Regulatory Non-coding RNAs in Atherosclerosis. <i>Handbook of Experimental Pharmacology</i> , 2020, , 463-492.	0.9	13
81	Endothelial ENPP2 (Ectonucleotide Pyrophosphatase/Phosphodiesterase 2) Increases Atherosclerosis in Female and Male Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 1023-1036.	1.1	12
82	MicroRNAs in vascular biology – metabolism and atherosclerosis. <i>Thrombosis and Haemostasis</i> , 2012, 107, 603-604.	1.8	11
83	Deletion of MFGE8 Inhibits Neointima Formation upon Arterial Damage. <i>Thrombosis and Haemostasis</i> , 2018, 118, 1340-1342.	1.8	10
84	Dicer promotes endothelial recovery and limits lesion formation after vascular injury through miR-126-5p. <i>International Journal of Cardiology</i> , 2018, 273, 199-202.	0.8	8
85	Cationic amino acid transporter mRNA expression in rat kidney and liver. <i>Kidney International</i> , 1998, 54, S136-S138.	2.6	5
86	Influence of osmotic stress on heat shock proteins 25 and 72 in mouse mesangial cells. <i>Kidney International</i> , 1998, 54, S162-S164.	2.6	5
87	Janus-Faced Role of KrÄ¼ppel-Like Factor 2-Dependent Regulation of MicroRNAs in Endothelial Proliferation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1605-1606.	1.1	5
88	miR155 Deficiency Reduces Myofibroblast Density but Fails to Improve Cardiac Function after Myocardial Infarction in Dyslipidemic Mouse Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5480.	1.8	5
89	Mechanisms of arterial remodeling and neointima formation: an updated view on the chemokine system. <i>Drug Discovery Today Disease Mechanisms</i> , 2008, 5, e293-e298.	0.8	4
90	Non-activatable mutant of inhibitor of kappa B kinase 1± (IKK1±) exerts vascular site-specific effects on atherosclerosis in Apoe-deficient mice. <i>Atherosclerosis</i> , 2020, 292, 23-30.	0.4	3

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91	MicroRNA-155 and macrophages: a fatty liaison. Cardiovascular Research, 2014, 103, 5-6.	1.8	2
92	Leptin and EPCs in Arterial Injury. Circulation Research, 2008, 103, 447-449.	2.0	1
93	Atherosclerosis: cell biology and lipoproteins. Current Opinion in Lipidology, 2010, 21, 284-285.	1.2	1
94	Bone Marrow-Derived Smooth Muscle Cells Are Breaking Bad in Atherogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1258-1259.	1.1	1
95	Smooth Muscle Progenitor Cells. , 2012, , 1391-1400.		1
96	Regulation of Atherosclerosis by microRNAs. Cardiac and Vascular Biology, 2017, , 1-20.	0.2	1
97	MIF and Atherosclerosis. , 2007, , 217-228.		0
98	Neointima formation after vascular injury: Is it all about CD39?. Thrombosis and Haemostasis, 2010, 103, 257-258.	1.8	0