

Katrin SchÄœfer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7586317/publications.pdf>

Version: 2024-02-01

92
papers

5,109
citations

81743

39
h-index

91712

69
g-index

92
all docs

92
docs citations

92
times ranked

7993
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptin-dependent platelet aggregation and arterial thrombosis suggests a mechanism for atherothrombotic disease in obesity. <i>Journal of Clinical Investigation</i> , 2001, 108, 1533-1540.	3.9	305
2	Gut Microbiota Promote Angiotensin II-Induced Arterial Hypertension and Vascular Dysfunction. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	281
3	Differential Cardiac Remodeling in Preload Versus Afterload. <i>Circulation</i> , 2010, 122, 993-1003.	1.6	267
4	Secondhand smoke as an acute threat for the cardiovascular system: a change in paradigm. <i>European Heart Journal</i> , 2006, 27, 386-392.	1.0	216
5	Leptin Promotes Vascular Remodeling and Neointimal Growth in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 112-117.	1.1	212
6	Laminin- α 4 and Integrin-Linked Kinase Mutations Cause Human Cardiomyopathy Via Simultaneous Defects in Cardiomyocytes and Endothelial Cells. <i>Circulation</i> , 2007, 116, 515-525.	1.6	206
7	Disruption of the plasminogen activator inhibitor-1 gene reduces the adiposity and improves the metabolic profile of genetically obese and diabetic ob/ob mice. <i>FASEB Journal</i> , 2001, 15, 1840-1842.	0.2	166
8	Plasminogen Activator Inhibitor-1 and Its Cofactor Vitronectin Stabilize Arterial Thrombi After Vascular Injury in Mice. <i>Circulation</i> , 2001, 103, 576-583.	1.6	155
9	Circulating regulatory T cells are reduced in obesity and may identify subjects at increased metabolic and cardiovascular risk. <i>Obesity</i> , 2013, 21, 461-468.	1.5	151
10	Elevated Heart-Type Fatty Acid-Binding Protein Levels on Admission Predict an Adverse Outcome in Normotensive Patients With Acute Pulmonary Embolism. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2150-2157.	1.2	126
11	Characterization of the Han:SPRD rat model for hereditary polycystic kidney disease. <i>Kidney International</i> , 1994, 46, 134-152.	2.6	121
12	Heart-type fatty acid-binding protein permits early risk stratification of pulmonary embolism. <i>European Heart Journal</i> , 2006, 28, 224-229.	1.0	119
13	Unfavourable consequences of chronic cardiac HIF-1 α stabilization. <i>Cardiovascular Research</i> , 2012, 94, 77-86.	1.8	112
14	Endothelial p53 Deletion Improves Angiogenesis and Prevents Cardiac Fibrosis and Heart Failure Induced by Pressure Overload in Mice. <i>Journal of the American Heart Association</i> , 2015, 4, .	1.6	104
15	Angiogenic Endothelial Cell Signaling in Cardiac Hypertrophy and Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 20.	1.1	100
16	Leptin Enhances the Recruitment of Endothelial Progenitor Cells Into Neointimal Lesions After Vascular Injury by Promoting Integrin-Mediated Adhesion. <i>Circulation Research</i> , 2008, 103, 536-544.	2.0	92
17	Inhibition of Endogenous Leptin Protects Mice From Arterial and Venous Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 2196-2201.	1.1	86
18	Enhanced Thrombosis in Atherosclerosis-Prone Mice Is Associated With Increased Arterial Expression of Plasminogen Activator Inhibitor-1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 2097-2103.	1.1	82

#	ARTICLE	IF	CITATIONS
19	Interferon lambda1/IL29 and inorganic polyphosphate are novel regulators of neutrophil-driven thrombin inflammation. <i>Journal of Pathology</i> , 2017, 243, 111-122.	2.1	79
20	Telethonin Deficiency Is Associated With Maladaptation to Biomechanical Stress in the Mammalian Heart. <i>Circulation Research</i> , 2011, 109, 758-769.	2.0	78
21	Different Mechanisms of Increased Luminal Stenosis After Arterial Injury in Mice Deficient for Urokinase- or Tissue-Type Plasminogen Activator. <i>Circulation</i> , 2002, 106, 1847-1852.	1.6	77
22	Leptin Enhances the Potency of Circulating Angiogenic Cells Via Src Kinase and Integrin $\alpha 5 \beta 1$. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 200-206.	1.1	70
23	Exercise Training Reduces Neointimal Growth and Stabilizes Vascular Lesions Developing After Injury in Apolipoprotein E-Deficient Mice. <i>Circulation</i> , 2004, 109, 386-392.	1.6	64
24	Heart-type fatty acid-binding protein for risk assessment of chronic thromboembolic pulmonary hypertension. <i>European Respiratory Journal</i> , 2008, 31, 1024-1029.	3.1	62
25	Effects of Obesity and Weight Loss on the Functional Properties of Early Outgrowth Endothelial Progenitor Cells. <i>Journal of the American College of Cardiology</i> , 2010, 55, 357-367.	1.2	61
26	Innate Effector-Memory T-Cell Activation Regulates Post-Thrombotic Vein Wall Inflammation and Thrombus Resolution. <i>Circulation Research</i> , 2016, 119, 1286-1295.	2.0	61
27	The Beneficial Effects of a Direct Thrombin Inhibitor, Dabigatran Etxilate, on the Development and Stability of Atherosclerotic Lesions in Apolipoprotein E-deficient Mice. <i>Cardiovascular Drugs and Therapy</i> , 2012, 26, 367-374.	1.3	58
28	Leptin-Dependent and Leptin-Independent Paracrine Effects of Perivascular Adipose Tissue on Neointima Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 980-987.	1.1	57
29	A novel H-FABP assay and a fast prognostic score for risk assessment of normotensive pulmonary embolism. <i>Thrombosis and Haemostasis</i> , 2014, 112, 996-1003.	1.8	56
30	From thrombosis to fibrosis in chronic thromboembolic pulmonary hypertension. <i>Thrombosis and Haemostasis</i> , 2017, 117, 769-783.	1.8	53
31	Endothelial cell senescence and thrombosis: Ageing clots. <i>Thrombosis Research</i> , 2016, 147, 36-45.	0.8	52
32	A simple score for rapid risk assessment of non-high-risk pulmonary embolism. <i>Clinical Research in Cardiology</i> , 2013, 102, 73-80.	1.5	51
33	The Prothrombotic Effects of Leptin. <i>Annals of the New York Academy of Sciences</i> , 2001, 947, 134-142.	1.8	49
34	Differences between perivascular adipose tissue surrounding the heart and the internal mammary artery: possible role for the leptin-inflammation-fibrosis-hypoxia axis. <i>Clinical Research in Cardiology</i> , 2016, 105, 887-900.	1.5	48
35	Melusin protects from cardiac rupture and improves functional remodelling after myocardial infarction. <i>Cardiovascular Research</i> , 2014, 101, 97-107.	1.8	46
36	Adipokines and thrombosis. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2011, 38, 864-871.	0.9	44

#	ARTICLE	IF	CITATIONS
37	Leptin promotes the mobilization of vascular progenitor cells and neovascularization by NOX2-mediated activation of MMP9. <i>Cardiovascular Research</i> , 2012, 93, 170-180.	1.8	44
38	Importance of leptin signaling and signal transducer and activator of transcription-3 activation in mediating the cardiac hypertrophy associated with obesity. <i>Journal of Translational Medicine</i> , 2013, 11, 170.	1.8	44
39	Endothelial deletion of protein tyrosine phosphatase-1B protects against pressure overload-induced heart failure in mice. <i>Cardiovascular Research</i> , 2016, 111, 204-216.	1.8	43
40	Role of Endothelial Cells in Acute and Chronic Thrombosis. <i>Hamostaseologie</i> , 2019, 39, 128-139.	0.9	41
41	Do PAI-1 and Vitronectin Promote or Inhibit Neointima Formation?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1943-1945.	1.1	39
42	Rosuvastatin exerts favourable effects on thrombosis and neointimal growth in a mouse model of endothelial injury. <i>Thrombosis and Haemostasis</i> , 2005, 93, 145-152.	1.8	39
43	Selective Deletion of Leptin Signaling in Endothelial Cells Enhances Neointima Formation and Phenocopies the Vascular Effects of Diet-Induced Obesity in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1683-1697.	1.1	38
44	Leptin signalling and leptin-mediated activation of human platelets: Importance of JAK2 and the phospholipases C β 2 and A2. <i>Thrombosis and Haemostasis</i> , 2007, 98, 1063-1071.	1.8	37
45	Leptin promotes neointima formation and smooth muscle cell proliferation via NADPH oxidase activation and signalling in caveolin-rich microdomains. <i>Cardiovascular Research</i> , 2013, 99, 555-565.	1.8	37
46	Lysed Erythrocyte Membranes Promote Vascular Calcification. <i>Circulation</i> , 2019, 139, 2032-2048.	1.6	37
47	Activated Endothelial TGF β 1 Signaling Promotes Venous Thrombus Nonresolution in Mice Via Endothelin-1. <i>Circulation Research</i> , 2020, 126, 162-181.	2.0	37
48	Overexpression of Integrin α 5 Enhances the Paracrine Properties of Circulating Angiogenic Cells via Src Kinase-Mediated Activation of STAT3. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1398-1406.	1.1	36
49	Endothelial Leptin Receptor Deletion Promotes Cardiac Autophagy and Angiogenesis Following Pressure Overload by Suppressing Akt/mTOR Signaling. <i>Circulation: Heart Failure</i> , 2019, 12, e005622.	1.6	35
50	Extracellular Vesicles and Thrombosis: Update on the Clinical and Experimental Evidence. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9317.	1.8	35
51	Expression of the leptin receptor in different types of vascular lesions. <i>Histochemistry and Cell Biology</i> , 2007, 128, 323-333.	0.8	34
52	Absence of leptin resistance in platelets from morbidly obese individuals may contribute to the increased thrombosis risk in obesity. <i>Thrombosis and Haemostasis</i> , 2008, 100, 1123-1129.	1.8	34
53	The macrophage-TCR α β is a cholesterol-responsive combinatorial immune receptor and implicated in atherosclerosis. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 59-65.	1.0	34
54	Cardiomyocyte proliferation prevents failure in pressure overload but not volume overload. <i>Journal of Clinical Investigation</i> , 2017, 127, 4285-4296.	3.9	31

#	ARTICLE	IF	CITATIONS
55	Specialized regulatory T cells control venous blood clot resolution through SPARC. <i>Blood</i> , 2021, 137, 1517-1526.	0.6	27
56	Plasminogen Activator Inhibitor-1 From Bone Marrow-Derived Cells Suppresses Neointimal Formation After Vascular Injury in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 1254-1259.	1.1	24
57	Rosuvastatin reduces atherosclerotic lesions and promotes progenitor cell mobilisation and recruitment in apolipoprotein E knockout mice. <i>Atherosclerosis</i> , 2009, 205, 63-73.	0.4	23
58	Pulmonary Arterial Hypertension and Endothelial Dysfunction Is Linked to NADPH Oxidase-Derived Superoxide Formation in Venous Thrombosis and Pulmonary Embolism in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	23
59	Cytokine-induced Down-regulation of zfp1/Splicing Factor-1 Promotes Smooth Muscle Cell Proliferation. <i>Journal of Biological Chemistry</i> , 2002, 277, 6582-6589.	1.6	22
60	Local Application of Leptin Antagonist Attenuates Angiotensin II-Induced Ascending Aortic Aneurysm and Cardiac Remodeling. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	21
61	Impaired Ca ²⁺ -handling in HIF-1 ^{+/+} mice as a consequence of pressure overload. <i>Pflugers Archiv European Journal of Physiology</i> , 2010, 459, 569-577.	1.3	20
62	Effect of smoking cessation on the number and adhesive properties of early outgrowth endothelial progenitor cells. <i>International Journal of Cardiology</i> , 2011, 152, 61-69.	0.8	20
63	Erythrocyte membrane cholesterol and lipid core growth in a rabbit model of atherosclerosis: Modulatory effects of rosuvastatin. <i>International Journal of Cardiology</i> , 2013, 170, 173-181.	0.8	19
64	Lack of urokinase plasminogen activator promotes progression and instability of atherosclerotic lesions in apolipoprotein E-knockout mice. <i>Thrombosis and Haemostasis</i> , 2007, 98, 220-227.	1.8	18
65	Mechanisms Linking Leptin to Arterial and Venous Thrombosis: Potential Pharmacological Targets. <i>Current Pharmaceutical Design</i> , 2014, 20, 635-640.	0.9	18
66	Brain-Derived Neurotrophic Factor Expression and Signaling in Different Perivascular Adipose Tissue Depots of Patients With Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2021, 10, e018322.	1.6	17
67	The endothelial tumor suppressor p53 is essential for venous thrombus formation in aged mice. <i>Blood Advances</i> , 2018, 2, 1300-1314.	2.5	16
68	The gut microbiota instructs the hepatic endothelial cell transcriptome. <i>IScience</i> , 2021, 24, 103092.	1.9	16
69	Role of angiotensin-2 in venous thrombus resolution and chronic thromboembolic disease. <i>European Respiratory Journal</i> , 2021, 58, 2004196.	3.1	14
70	Effect of the Factor Xa Inhibitor Rivaroxaban on Arterial Thrombosis in Wild-Type and Apolipoprotein E-Deficient Mice. <i>Thrombosis Research</i> , 2012, 130, 793-798.	0.8	13
71	Differential PI3K signal transduction in obesity-associated cardiac hypertrophy and response to ischemia. <i>Obesity</i> , 2015, 23, 90-99.	1.5	13
72	Potential Involvement of Osteopontin in Inflammatory and Fibrotic Processes in Pulmonary Embolism and Chronic Thromboembolic Pulmonary Hypertension. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1332-1346.	1.8	13

#	ARTICLE	IF	CITATIONS
73	Inducible Knockdown of Endothelial Protein Tyrosine Phosphatase-1B Promotes Neointima Formation in Obese Mice by Enhancing Endothelial Senescence. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 927-944.	2.5	13
74	Increased Lymphangiogenesis and Lymphangiogenic Growth Factor Expression in Perivascular Adipose Tissue of Patients with Coronary Artery Disease. <i>Journal of Clinical Medicine</i> , 2019, 8, 1000.	1.0	12
75	Age-Dependent and -Independent Effects of Perivascular Adipose Tissue and Its Paracrine Activities during Neointima Formation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 282.	1.8	12
76	Stage-dependent detection of CD14+ and CD16+ cells in the human heart after myocardial infarction. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2013, 463, 459-469.	1.4	11
77	Absence of transforming growth factor beta 1 in murine platelets reduces neointima formation without affecting arterial thrombosis. <i>Thrombosis and Haemostasis</i> , 2017, 117, 1782-1797.	1.8	9
78	Successful silencing of plasminogen activator inhibitor-1 in human vascular endothelial cells using small interfering RNA. <i>Thrombosis and Haemostasis</i> , 2006, 95, 857-864.	1.8	9
79	Update on the cardiovascular risk in obesity: endocrine and paracrine role of the adipose tissue. <i>Hellenic Journal of Cardiology</i> , 2011, 52, 327-36.	0.4	9
80	CCL5 deficiency reduces neointima formation following arterial injury and thrombosis in apolipoprotein E-deficient mice. <i>Thrombosis Research</i> , 2016, 144, 136-143.	0.8	8
81	Leptin signalling and leptin-mediated activation of human platelets: importance of JAK2 and the phospholipases Cgamma2 and A2. <i>Thrombosis and Haemostasis</i> , 2007, 98, 1063-71.	1.8	8
82	<i>In Vitro</i> and <i>In Vivo</i> Effects of Human Monocytes and their Subsets on New Vessel Formation. <i>Microcirculation</i> , 2014, 21, 148-158.	1.0	7
83	Differentiation of Multipotent Adult Germline Stem Cells Derived from Mouse Testis into Functional Endothelial Cells. <i>Journal of Vascular Research</i> , 2012, 49, 207-220.	0.6	6
84	Tubulin-folding cofactor E deficiency promotes vascular dysfunction by increased endoplasmic reticulum stress. <i>European Heart Journal</i> , 2022, 43, 488-500.	1.0	6
85	Circulating Endothelial Cells Expressing the Angiogenic Transcription Factor KrÄ¼ppel-like Factor 4 are Decreased in Patients with Coronary Artery Disease. <i>Microcirculation</i> , 2015, 22, 700-710.	1.0	5
86	Prolactin as a modulator of platelet function and thrombosis: The end of the story, or a new beginning?. <i>Thrombosis and Haemostasis</i> , 2009, 101, 991-992.	1.8	4
87	Atheroprotective KrÄ¼ppel-like factor 4 is downregulated in monocyte subsets of patients with coronary artery disease. <i>Thrombosis and Haemostasis</i> , 2013, 110, 1080-1082.	1.8	4
88	Colocalization of Erythrocytes and Vascular Calcification in Human Atherosclerosis: A Systematic Histomorphometric Analysis. <i>TH Open</i> , 2021, 05, e113-e124.	0.7	3
89	EPCR-PAR1 biased signaling regulates perfusion recovery and neovascularization in peripheral ischemia. <i>JCI Insight</i> , 2022, 7, .	2.3	3
90	When big eaters stop feasting: loss of metabolic control in macrophages exacerbates hypertension in obesity. <i>Cardiovascular Research</i> , 2021, 117, 351-353.	1.8	1

#	ARTICLE	IF	CITATIONS
91	Response to Letter Regarding Article, "Differential Cardiac Remodeling in Preload Versus Afterload", Circulation, 2011, 123, .	1.6	0
92	Letter by Tziakas et al Regarding Article, "Aortic Valve Stenosis: From Basic Mechanisms to Novel Therapeutic Targets", Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e180-e181.	1.1	0