Walter S Speidl

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5873293/publications.pdf

Version: 2024-02-01

105	3,034	126708	189595
papers	citations	33 h-index	50 g-index

117	117	117	4528
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Early Metoprolol Administration Before Coronary Reperfusion Results in Increased Myocardial Salvage. Circulation, 2007, 115, 2909-2916.	1.6	142
2	Simvastatin suppresses endotoxin-induced upregulation of toll-like receptors 4 and 2 in vivo. Atherosclerosis, 2006, 189, 408-413.	0.4	137
3	Simvastatin Blunts Endotoxin-Induced Tissue Factor In Vivo. Circulation, 2005, 111, 1841-1846.	1.6	136
4	Complement component C5a predicts future cardiovascular events in patients with advanced atherosclerosis. European Heart Journal, 2005, 26, 2294-2299.	1.0	129
5	Rapid Change in Plaque Size, Composition, and Molecular Footprint After Recombinant Apolipoprotein A-IMilano (ETC-216) Administration. Journal of the American College of Cardiology, 2008, 51, 1104-1109.	1.2	122
6	Vascular Endothelial Growth Factor Is Induced by the Inflammatory Cytokines Interleukin-6 and Oncostatin M in Human Adipose Tissue In Vitro and in Murine Adipose Tissue In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1587-1595.	1.1	89
7	Can a Commercial Diagnostic Ultrasound Device Accelerate Thrombolysis?. Stroke, 2005, 36, 124-128.	1.0	87
8	The complement component C5a is present in human coronary lesions in vivo and induces the expression of MMPâ€1 and MMPâ€9 in human macrophages in vitro. FASEB Journal, 2011, 25, 35-44.	0.2	81
9	Soluble ST2 and Interleukin-33 Levels in Coronary Artery Disease: Relation to Disease Activity and Adverse Outcome. PLoS ONE, 2014, 9, e95055.	1.1	72
10	Catecholamines potentiate LPSâ€induced expression of MMPâ€1 and MMPâ€9 in human monocytes and in the human monocytic cell line U937: possible implications for periâ€operative plaque instability. FASEB Journal, 2004, 18, 603-605.	0.2	66
11	The complement component C5a induces the expression of plasminogen activator inhibitor-1 in human macrophages via NF-?B activation. Journal of Thrombosis and Haemostasis, 2006, 4, 1790-1797.	1.9	66
12	Mitochondrial DNA and Toll-Like Receptor-9 Are Associated With Mortality in Critically Ill Patients. Critical Care Medicine, 2015, 43, 2633-2641.	0.4	60
13	High-sensitivity C-reactive protein in the prediction of coronary events in patients with premature coronary artery disease. American Heart Journal, 2002, 144, 449-455.	1.2	59
14	Beneficial effects of levosimendan on survival in patients undergoing extracorporeal membrane oxygenation after cardiovascular surgery. British Journal of Anaesthesia, 2016, 117, 52-58.	1.5	59
15	Macrophages Transmit Potent Proangiogenic Effects of oxLDL In Vitro and In Vivo Involving HIF-1Î± Activation: a Novel Aspect of Angiogenesis in Atherosclerosis. Journal of Cardiovascular Translational Research, 2013, 6, 558-569.	1.1	57
16	Recombinant apolipoprotein A-I Milano rapidly reverses aortic valve stenosis and decreases leaflet inflammation in an experimental rabbit model. European Heart Journal, 2010, 31, 2049-2057.	1.0	56
17	Neutrophil Extracellular Trap Degradation by Differently Polarized Macrophage Subsets. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2265-2278.	1.1	54
18	Thrombin induces the expression of oncostatin M via AP-1 activation in human macrophages: a link between coagulation and inflammation. Blood, 2009, 114, 2812-2818.	0.6	49

#	Article	IF	Citations
19	2MHz ultrasound enhances t-PA-mediated thrombolysis: comparison of continuous versus pulsed ultrasound and standing versus travelling acoustic waves. Thrombosis and Haemostasis, 2003, 89, 583-589.	1.8	48
20	Chlamydia pneumoniaein Carotid Artery Atherosclerosis. Stroke, 2002, 33, 2756-2761.	1.0	46
21	Upâ€regulation of reverse cholesterol transport key players and rescue from global inflammation by ApoAâ€‹_{Milano}. Journal of Cellular and Molecular Medicine, 2009, 13, 3226-3235.	1.6	46
22	Premature myocardial infarction is strongly associated with increased levels of remnant cholesterol. Journal of Clinical Lipidology, 2015, 9, 801-806.e1.	0.6	45
23	In Human Macrophages the Complement Component C5a Induces the Expression of Oncostatin M via AP-1 Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 498-503.	1.1	42
24	Premature myocardial infarction is associated with low serum levels of Wnt-1. Atherosclerosis, 2012, 222, 251-256.	0.4	42
25	Polymorphic Membrane Protein (PMP) 20 and PMP 21 ofChlamydia pneumoniaeInduce Proinflammatory Mediators in Human Endothelial Cells In Vitro by Activation of the Nuclear Factorâ€ºB Pathway. Journal of Infectious Diseases, 2003, 188, 108-113.	1.9	41
26	An increase of C-reactive protein is associated with enhanced activation of endogenous fibrinolysis at baseline but an impaired endothelial fibrinolytic response after venous occlusion. Journal of the American College of Cardiology, 2005, 45, 30-34.	1.2	39
27	Increased Restenosis Rate After Implantation of Drug-Eluting Stents in Patients With Elevated Serum Activity of Matrix Metalloproteinase-2 and -9. JACC: Cardiovascular Interventions, 2010, 3, 90-97.	1.1	38
28	Small high-density lipoprotein is associated with monocyte subsets in stable coronary artery disease. Atherosclerosis, 2014, 237, 589-596.	0.4	38
29	Monocyte chemoattractant protein (MCP-1) is expressed in human cardiac cells and is differentially regulated by inflammatory mediators and hypoxia. FEBS Letters, 2006, 580, 3532-3538.	1.3	37
30	Monocyte subset distribution in patients with stable atherosclerosis and elevated levels of lipoprotein(a). Journal of Clinical Lipidology, 2015, 9, 533-541.	0.6	37
31	Inflammation and coagulation in atherosclerosis. Hamostaseologie, 2013, 33, 269-282.	0.9	36
32	Glycoprotein 130 ligand oncostatin-M induces expression of vascular endothelial growth factor in human adult cardiac myocytes. Cardiovascular Research, 2003, 59, 628-638.	1.8	35
33	The gp130 ligand oncostatin M regulates tissue inhibitor of metalloproteinases-1 through ERK1/2 and p38 in human adult cardiac myocytes and in human adult cardiac fibroblasts: A possible role for the gp130/gp130 ligand system in the modulation of extracellular matrix degradation in the human heart. Journal of Molecular and Cellular Cardiology, 2005, 39, 545-551.	0.9	35
34	Coronary late lumen loss of drug eluting stents is associated with increased serum levels of the complement components C3a and C5a. Atherosclerosis, 2010, 208, 285-289.	0.4	34
35	Association of Small Dense LDL Serum Levels and Circulating Monocyte Subsets in Stable Coronary Artery Disease. PLoS ONE, 2015, 10, e0123367.	1.1	33
36	An increase of interleukin-33 serum levels after coronary stent implantation is associated with coronary in-stent restenosis. Cytokine, 2014, 67, 65-70.	1.4	31

#	Article	IF	Citations
37	Neutrophil extracellular traps and monocyte subsets at the culprit lesion site of myocardial infarction patients. Scientific Reports, 2019, 9, 16304.	1.6	31
38	Novel Small Leucine-Rich Repeat Protein Podocan Is a Negative Regulator of Migration and Proliferation of Smooth Muscle Cells, Modulates Neointima Formation, and Is Expressed in Human Atheroma. Circulation, 2013, 128, 2351-2363.	1.6	29
39	Prostaglandin E1 induces vascular endothelial growth factor-1 in human adult cardiac myocytes but not in human adult cardiac fibroblasts via a cAMP-dependent mechanism. Journal of Molecular and Cellular Cardiology, 2004, 36, 539-546.	0.9	27
40	Plasminogen activator inhibitor-1 predicts coronary in-stent restenosis of drug-eluting stents. Journal of Thrombosis and Haemostasis, 2008, 6, 508-513.	1.9	27
41	Human cardiac fibroblasts express Bâ€type natriuretic peptide: fluvastatin ameliorates its upâ€regulation by interleukinâ€1Î±, tumour necrosis factorâ€Î± and transforming growth factorâ€Î². Journal of Cellular and Molecular Medicine, 2009, 13, 4415-4421.	1.6	26
42	Levosimendan exerts anti-inflammatory effects on cardiac myocytes and endothelial cells in vitro. Thrombosis and Haemostasis, 2015, 113, 350-362.	1.8	26
43	Predictive value of low interleukin-33 in critically ill patients. Cytokine, 2018, 103, 109-113.	1.4	24
44	Maternal serum mitochondrial DNA (mtDNA) levels are elevated in preeclampsia â€“ A matched case-control study. Pregnancy Hypertension, 2018, 14, 195-199.	0.6	24
45	Complement Component C5a Predicts Restenosis After Superficial Femoral Artery Balloon Angioplasty. Journal of Endovascular Therapy, 2007, 14, 62-69.	0.8	23
46	Polymorphism of the complement 5 gene and cardiovascular outcome in patients with atherosclerosis. European Journal of Clinical Investigation, 2012, 42, 921-926.	1.7	23
47	Differential expression of Plg-RKT and its effects on migration of proinflammatory monocyte and macrophage subsets. Blood, 2019, 134, 561-567.	0.6	23
48	PAI-1 (Plasminogen Activator Inhibitor-1) Expression Renders Alternatively Activated Human Macrophages Proteolytically Quiescent. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1913-1922.	1.1	22
49	Clopidogrel in Critically Ill Patients. Clinical Pharmacology and Therapeutics, 2018, 103, 217-223.	2.3	22
50	An increase of VEGF plasma levels is associated with restenosis of drug-eluting stents. EuroIntervention, 2014, 10, 224-230.	1.4	20
51	Quantification of serial changes in plaque burden using multi-detector computed tomography in experimental atherosclerosis. Atherosclerosis, 2009, 202, 185-191.	0.4	19
52	Monocyte subset distribution is associated with mortality in critically ill patients. Thrombosis and Haemostasis, 2016, 116, 949-957.	1.8	19
53	The estrogen metabolite 17Î²-dihydroequilenin counteracts interleukin-1Î± induced expression of inflammatory mediators in human endothelial cells in vitro via NF-Î¹B pathway. Thrombosis and Haemostasis, 2006, 95, 107-116.	1.8	19
54	Intestinal Fatty Acid Binding Protein is Associated With Mortality in Patients With Acute Heart Failure or Cardiogenic Shock. Shock, 2019, 51, 410-415.	1.0	17

#	Article	IF	Citations
55	Alternative activation of human macrophages enhances tissue factor expression and production of extracellular vesicles. Haematologica, 2021, 106, 454-463.	1.7	17
56	2MHz ultrasound enhances t-PA-mediated thrombolysis: comparison of continuous versus pulsed ultrasound and standing versus travelling acoustic waves. Thrombosis and Haemostasis, 2003, 89, 583-9.	1.8	17
57	Lipoprotein(a) plasma levels are not associated with survival after acute coronary syndromes: An observational cohort study. PLoS ONE, 2020, 15, e0227054.	1.1	15
58	Effects of Nicorandil on Inflammation, Apoptosis and Atherosclerotic Plaque Progression. Biomedicines, 2021, 9, 120.	1.4	15
59	Mild hyperhomocysteinemia is associated with a decreased fibrinolytic activity in patients after ST-elevation myocardial infarction. Thrombosis Research, 2007, 119, 331-336.	0.8	14
60	Release of mitochondrial DNA is associated with mortality in severe acute heart failure. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 419-428.	0.4	14
61	Circulating t-PA antigen predicts major adverse coronary events in patients with stable coronary artery disease â€“ a 13-year follow-up. Thrombosis and Haemostasis, 2003, 90, 344-350.	1.8	13
62	Prasugrel in critically ill patients. Thrombosis and Haemostasis, 2017, 117, 1582-1587.	1.8	13
63	Copeptin Predicts Mortality in Critically Ill Patients. PLoS ONE, 2017, 12, e0170436.	1.1	13
64	Monocyte subsets predict mortality after cardiac arrest. Journal of Leukocyte Biology, 2021, 109, 1139-1146.	1.5	13
65	Innate Immune Training with Bacterial Extracts Enhances Lung Macrophage Recruitment to Protect from Betacoronavirus Infection. Journal of Innate Immunity, 2022, 14, 293-305.	1.8	12
66	Premature compared with late onset of coronary artery disease: young patients show a severe defect in fibrinolytic response to venous occlusion. Blood Coagulation and Fibrinolysis, 2007, 18, 165-171.	0.5	11
67	Glycoprotein 130 polymorphism predicts soluble glycoprotein 130 levels. Metabolism: Clinical and Experimental, 2014, 63, 647-653.	1.5	11
68	Anti-thrombotic and pro-fibrinolytic effects of levosimendan in human endothelial cells in vitro. Vascular Pharmacology, 2017, 90, 44-50.	1.0	11
69	Pretreatment With Argon Protects Human Cardiac Myocyte-Like Progenitor Cells from Oxygen Glucose Deprivation-Induced Cell Death by Activation of AKT and Differential Regulation of Mapkinases. Shock, 2018, 49, 556-563.	1.0	11
70	The ISTH DIC score predicts outcome in non-septic patients admitted to a cardiovascular intensive care unit. European Journal of Internal Medicine, 2020, 79, 37-42.	1.0	11
71	Pharmacological inhibition of fatty acid oxidation reduces atherosclerosis progression by suppression of macrophage NLRP3 inflammasome activation. Biochemical Pharmacology, 2021, 190, 114634.	2.0	11
72	Safe and Sustained Overexpression of Functional Apolipoprotein A-I/High-density Lipoprotein in Apolipoprotein A-Iâ€“null Mice by Muscular Adeno-associated Viral Serotype 8 Vector Gene Transfer. Journal of Cardiovascular Pharmacology, 2009, 54, 405-411.	0.8	10

#	Article	IF	Citations
73	The pro-inflammatory marker soluble suppression of tumorigenicity-2 (ST2) is reduced especially in diabetic morbidly obese patients undergoing bariatric surgery. Cardiovascular Diabetology, 2020, 19, 26.	2.7	10
74	Biomarkers of coagulation and fibrinolysis in acute myocardial infarction: a joint position paper of the Association for Acute CardioVascular Care and the European Society of Cardiology Working Group on Thrombosis. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 343-355.	0.4	9
75	High soluble Fas and soluble Fas Ligand serum levels before stent implantation are protective against restenosis. Thrombosis and Haemostasis, 2011, 105, 883-891.	1.8	8
76	The Prognostic Impact of Soluble Apoptosis-Stimulating Fragment on Mortality in Patients With Carotid Atherosclerosis. Stroke, 2011, 42, 2465-2470.	1.0	8
77	Acetylsalicylic acid in critically ill patients: a crossâ€sectional and a randomized trial. European Journal of Clinical Investigation, 2017, 47, 504-512.	1.7	8
78	Interdependence of VA-ECMO output, pulmonary congestion and outcome after cardiac surgery. European Journal of Internal Medicine, 2020, 81, 67-70.	1.0	8
79	Implementation of clinical practices and pathways optimizing ACS patients lipid management: Focus on eight European initiatives. Atherosclerosis Supplements, 2020, 42, e59-e64.	1.2	8
80	Basic mechanisms in cardiogenic shock: part 1â€”definition and pathophysiology. European Heart Journal: Acute Cardiovascular Care, 2022, 11, 356-365.	0.4	8
81	G-CSF Predicts Cardiovascular Events in Patients with Stable Coronary Artery Disease. PLoS ONE, 2015, 10, e0142532.	1.1	7
82	Growth differentiation factor-15 predicts poor survival after cardiac arrest. Resuscitation, 2019, 143, 22-28.	1.3	7
83	The estrogen metabolite 17beta-dihydroequilenin counteracts interleukin-1alpha induced expression of inflammatory mediators in human endothelial cells in vitro via NF-kappaB pathway. Thrombosis and Haemostasis, 2006, 95, 107-16.	1.8	7
84	Toll-like receptor 2 and 9 expression on circulating neutrophils is associated with increased mortality in critically ill patients. Shock, 2020, 54, 35-43.	1.0	6
85	Epinephrine treatment but not time to ROSC is associated with intestinal injury in patients with cardiac arrest. Resuscitation, 2020, 155, 32-38.	1.3	6
86	Clopidogrel pretreatment abolishes increase of PAI-1 after coronary stent implantation. Thrombosis Research, 2008, 123, 79-84.	0.8	5
87	Rhabdomyolysis during therapeutic hypothermia in a patient after successful cardio-pulmonary resuscitation. Resuscitation, 2013, 84, e79-e80.	1.3	5
88	Circulating levels of proprotein convertase subtilisin/kexin type 9 (PCSK9) are associated with monocyte subsets in patients with stable coronary artery disease. Journal of Clinical Lipidology, 2021, 15, 512-521.	0.6	5
89	Pre-existing anticardiolipin antibodies and development of restenosis after coronary balloon angioplasty. Blood Coagulation and Fibrinolysis, 2004, 15, 311-316.	0.5	4
90	Variation of lipoprotein(a) plasma levels after premature myocardial infarction. International Journal of Cardiology, 2015, 186, 5-6.	0.8	4

#	Article	IF	Citations
91	Protease-Activated Receptors 1 and 3 are Differentially Expressed on Human Monocyte Subsets and are Upregulated by Lipopolysaccharide Ex Vivo and In Vivo. Thrombosis and Haemostasis, 2019, 119, 1394-1402.	1.8	4
92	N-terminal pro-brain natriuretic peptide and high-sensitivity troponin T exhibit additive prognostic value for the outcome of critically ill patients. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 496-503.	0.4	4
93	The adipokine vaspin is associated with decreased coronary in-stent restenosis in vivo and inhibits migration of human coronary smooth muscle cells in vitro. PLoS ONE, 2020, 15, e0232483.	1.1	4
94	Expert position paper on prolonged dual antiplatelet therapy in secondary prevention following myocardial infarction. Wiener Klinische Wochenschrift, 2016, 128, 450-457.	1.0	3
95	MiRNA Let-7a and Let-7d Are Induced by Globotriaosylceramide via NF-kB Activation in Fabry Disease. Genes, 2021, 12, 1184.	1.0	3
96	OUP accepted manuscript. European Heart Journal: Acute Cardiovascular Care, 2022, , .	0.4	3
97	Quantitative and Functional Assessment of the Influence of Routinely Used Cryopreservation Media on Mononuclear Leukocytes for Medical Research. International Journal of Molecular Sciences, 2022, 23, 1881.	1.8	3
98	Pharmacologic modulation of intracellular Na⁺concentration with ranolazine impacts inflammatory response in humans and mice. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	3
99	Atherosclerosis and complement: anaphylatoxin C5a as a new risk marker and therapeutic target. Clinical Lipidology, 2011, 6, 123-126.	0.4	2
100	Soluble neprilysin and survival in critically ill patients. ESC Heart Failure, 2022, , .	1.4	2
101	CIRCULATING MITOCHONDRIAL DNA IS ASSOCIATED WITH MORTALITY IN PATIENTS WITH ACUTE HEART FAILURE. Journal of the American College of Cardiology, 2017, 69, 797.	1.2	1
102	INTESTINAL FATTY ACID BINDING PROTEIN PREDICTS MORTALITY IN PATIENTS WITH ACUTE HEART FAILURE OR CARDIOGENIC SHOCK. Journal of the American College of Cardiology, 2017, 69, 798.	1.2	0
103	Death is associated to the type of drug-eluting stent in patients with left ventricular dysfunction and elevated natriuretic peptide levels. Scientific Reports, 2021, 11, 2443.	1.6	0
104	Abstract 15905: Monocyte Subsets Predict Mortality After Cardiac Arrest. Circulation, 2020, 142, .	1.6	0
105	Abstract 15930: Circulating Levels of Proprotein Convertase Subtilisin/kexin Type 9 (pcsk9) are Associated With Monocyte Subsets in Patients With Stable Coronary Artery Disease. Circulation, 2020, 142, .	1.6	0