

Stefan P Kastl

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,558
citations

279798

23
h-index

302126

39
g-index

52
all docs

52
docs citations

52
times ranked

2456
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-33 Induces Expression of Adhesion Molecules and Inflammatory Activation in Human Endothelial Cells and in Human Atherosclerotic Plaques. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2080-2089.	2.4	137
2	Complement component C5a predicts future cardiovascular events in patients with advanced atherosclerosis. <i>European Heart Journal</i> , 2005, 26, 2294-2299.	2.2	129
3	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. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1587-1595.	2.4	89
4	Can a Commercial Diagnostic Ultrasound Device Accelerate Thrombolysis?. <i>Stroke</i> , 2005, 36, 124-128.	2.0	87
5	The complement component C5a is present in human coronary lesions <i>in vivo</i> and induces the expression of MMP-1 and MMP-9 in human macrophages <i>in vitro</i> . <i>FASEB Journal</i> , 2011, 25, 35-44.	0.5	81
6	Inflammatory Cytokines Interleukin-6 and Oncostatin M Induce Plasminogen Activator Inhibitor-1 in Human Adipose Tissue. <i>Circulation</i> , 2005, 111, 1938-1945.	1.6	79
7	Catecholamines potentiate LPS-induced expression of MMP-1 and MMP-9 in human monocytes and in the human monocytic cell line U937: possible implications for peri-operative plaque instability. <i>FASEB Journal</i> , 2004, 18, 603-605.	0.5	66
8	The complement component C5a induces the expression of plasminogen activator inhibitor-1 in human macrophages via NF- κ B activation. <i>Journal of Thrombosis and Haemostasis</i> , 2006, 4, 1790-1797.	3.8	66
9	Oncostatin M-enhanced vascular endothelial growth factor expression in human vascular smooth muscle cells involves PI3K-, p38 MAPK-, Erk1/2- and STAT1/STAT3-dependent pathways and is attenuated by interferon- β . <i>Basic Research in Cardiology</i> , 2011, 106, 217-231.	5.9	56
10	Thrombin induces the expression of oncostatin M via AP-1 activation in human macrophages: a link between coagulation and inflammation. <i>Blood</i> , 2009, 114, 2812-2818.	1.4	49
11	In Human Macrophages the Complement Component C5a Induces the Expression of Oncostatin M via AP-1 Activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 498-503.	2.4	42
12	Premature myocardial infarction is associated with low serum levels of Wnt-1. <i>Atherosclerosis</i> , 2012, 222, 251-256.	0.8	42
13	NT-proBNP is increased in healthy pregnancies compared to non-pregnant controls. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2009, 88, 234-237.	2.8	40
14	Increased Restenosis Rate After Implantation of Drug-Eluting Stents in Patients With Elevated Serum Activity of Matrix Metalloproteinase-2 and -9. <i>JACC: Cardiovascular Interventions</i> , 2010, 3, 90-97.	2.9	38
15	Small high-density lipoprotein is associated with monocyte subsets in stable coronary artery disease. <i>Atherosclerosis</i> , 2014, 237, 589-596.	0.8	38
16	Ultrasound thrombolysis. <i>Thrombosis and Haemostasis</i> , 2005, 94, 26-36.	3.4	37
17	Monocyte chemoattractant protein (MCP-1) is expressed in human cardiac cells and is differentially regulated by inflammatory mediators and hypoxia. <i>FEBS Letters</i> , 2006, 580, 3532-3538.	2.8	37
18	Monocyte subset distribution in patients with stable atherosclerosis and elevated levels of lipoprotein(a). <i>Journal of Clinical Lipidology</i> , 2015, 9, 533-541.	1.5	37

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19	Coronary late lumen loss of drug eluting stents is associated with increased serum levels of the complement components C3a and C5a. <i>Atherosclerosis</i> , 2010, 208, 285-289.	0.8	34
20	Association of Small Dense LDL Serum Levels and Circulating Monocyte Subsets in Stable Coronary Artery Disease. <i>PLoS ONE</i> , 2015, 10, e0123367.	2.5	33
21	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. <i>Journal of Molecular and Cellular Cardiology</i> , 2004, 36, 539-546.	1.9	27
22	Plasminogen activator inhibitor-1 predicts coronary in-stent restenosis of drug-eluting stents. <i>Journal of Thrombosis and Haemostasis</i> , 2008, 6, 508-513.	3.8	27
23	Levosimendan exerts anti-inflammatory effects on cardiac myocytes and endothelial cells in vitro. <i>Thrombosis and Haemostasis</i> , 2015, 113, 350-362.	3.4	26
24	Principal Morphomic and Functional Components of Secondary Mitral Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2288-2300.	5.3	26
25	Complement Component C5a Predicts Restenosis After Superficial Femoral Artery Balloon Angioplasty. <i>Journal of Endovascular Therapy</i> , 2007, 14, 62-69.	1.5	23
26	An increase of VEGF plasma levels is associated with restenosis of drug-eluting stents. <i>EuroIntervention</i> , 2014, 10, 224-230.	3.2	20
27	The estrogen metabolite 17 β -dihydroequilenin counteracts interleukin-1 α induced expression of inflammatory mediators in human endothelial cells in vitro via NF- κ B pathway. <i>Thrombosis and Haemostasis</i> , 2006, 95, 107-116.	3.4	19
28	Bioimpedance cardiography in pregnancy: A longitudinal cohort study on hemodynamic pattern and outcome. <i>BMC Pregnancy and Childbirth</i> , 2016, 16, 128.	2.4	17
29	Intestinal Fatty Acid Binding Protein is Associated With Mortality in Patients With Acute Heart Failure or Cardiogenic Shock. <i>Shock</i> , 2019, 51, 410-415.	2.1	17
30	Transcatheter aortic valve replacement (TAVR) leads to an increase in the subendocardial viability ratio assessed by pulse wave analysis. <i>PLoS ONE</i> , 2018, 13, e0207537.	2.5	14
31	Monocyte subsets predict mortality after cardiac arrest. <i>Journal of Leukocyte Biology</i> , 2021, 109, 1139-1146.	3.3	13
32	The differential activation of cardiovascular hormones across distinct stages of portal hypertension predicts clinical outcomes. <i>Hepatology International</i> , 2021, 15, 1160-1173.	4.2	12
33	Anti-thrombotic and pro-fibrinolytic effects of levosimendan in human endothelial cells in vitro. <i>Vascular Pharmacology</i> , 2017, 90, 44-50.	2.1	11
34	Sacubitril/valsartan is well tolerated in patients with longstanding heart failure and history of cancer and improves ventricular function: real-world data. <i>Cardio-Oncology</i> , 2021, 7, 35.	1.7	9
35	Guideline directed medical therapy and reduction of secondary mitral regurgitation. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 755-764.	1.2	9
36	High soluble Fas and soluble Fas Ligand serum levels before stent implantation are protective against restenosis. <i>Thrombosis and Haemostasis</i> , 2011, 105, 883-891.	3.4	8

#	ARTICLE	IF	CITATIONS
37	G-CSF Predicts Cardiovascular Events in Patients with Stable Coronary Artery Disease. PLoS ONE, 2015, 10, e0142532.	2.5	7
38	Growth differentiation factor-15 predicts poor survival after cardiac arrest. Resuscitation, 2019, 143, 22-28.	3.0	7
39	Deoxyribonuclease 1 Q222R single nucleotide polymorphism and long-term mortality after acute myocardial infarction. Basic Research in Cardiology, 2021, 116, 29.	5.9	7
40	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.	3.4	7
41	Toll-like receptor 2 and 9 expression on circulating neutrophils is associated with increased mortality in critically ill patients. Shock, 2020, 54, 35-43.	2.1	6
42	Inhibition of CD34+ cell migration by matrix metalloproteinase-2 during acute myocardial ischemia, counteracted by ischemic preconditioning. F1000Research, 2016, 5, 2739.	1.6	6
43	Clopidogrel pretreatment abolishes increase of PAI-1 after coronary stent implantation. Thrombosis Research, 2008, 123, 79-84.	1.7	5
44	Global regurgitant volume: approaching the critical mass in valvular-driven heart failure. European Heart Journal Cardiovascular Imaging, 2019, 21, 168-174.	1.2	5
45	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.	1.5	5
46	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.	2.5	4
47	Exploratory echocardiographic strain parameters for the estimation of myocardial infarct size in STâ€levation myocardial infarction. Clinical Cardiology, 2021, 44, 925-931.	1.8	4
48	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.	2.8	0
49	Current Insights Into Secondary Mitral Regurgitationâ€™Workup and Management. Current Treatment Options in Cardiovascular Medicine, 2020, 22, 1.	0.9	0
50	The need for standardized echocardiographic work-up prior extracorporeal membrane oxygenation support in cardiogenic shock. Oxford Medical Case Reports, 2022, 2022, .	0.4	0