Paul Aj Krijnen

List of Publications by Year
in descending order

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69 papers	1,629 citations	257450 24 h-index	315739 38 g-index
69 all docs	69 docs citations	69 times ranked	2999 citing authors

#	Article	IF	Citations
1	Cardiac inflammation and microvascular procoagulant changes are decreased in second wave compared to first wave deceased COVID-19 patients. International Journal of Cardiology, 2022, 349, 157-165.	1.7	10
2	Scar formation from the perspective of complexity science: a new look at the biological system as a whole. Journal of Wound Care, 2022, 31, 178-184.	1.2	4
3	C1 Inhibitor Administration Reduces Local Inflammation and Capillary Leakage, Without Affecting Long-term Wound Healing Parameters, in a Pig Burn Wound Model. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2021, 20, 150-160.	1.1	3
4	Electrocardiographic changes are strongly correlated with the extent of cardiac inflammation in mice with Coxsackievirus B3-induced viral myocarditis. Cardiovascular Pathology, 2021, 54, 107367.	1.6	8
5	Homocysteine-induced inverse expression of tissue factor and DPP4 in endothelial cells is related to NADPH oxidase activity. Physiology International, 2019, 106, 29-38.	1.6	3
6	Shortâ€term LPS induces aortic valve thickening in ApoE*3Leiden mice. European Journal of Clinical Investigation, 2019, 49, e13121.	3.4	7
7	Myocardial infarction triggers cardioprotective antigen-specific T helper cell responses. Journal of Clinical Investigation, 2019, 129, 4922-4936.	8.2	109
8	Infectious myocarditis: the role of the cardiac vasculature. Heart Failure Reviews, 2018, 23, 583-595.	3.9	31
9	LPS-Induced Systemic Inflammation Does Not Alter Atherosclerotic Plaque Area or Inflammation in APOE3âˆ—LEIDEN Mice in the Early Phase Up to 15 Days. Shock, 2018, 50, 360-365.	2.1	9
10	Sufentanilâ€“medetomidine anaesthesia compared with fentanyl/fluanisoneâ€“midazolam is associated with fewer ventricular arrhythmias and death during experimental myocardial infarction in rats and limits infarct size following reperfusion. Laboratory Animals, 2018, 52, 271-279.	1.0	10
11	p47phox-Dependent Reactive Oxygen Species Stimulate Nuclear Translocation of the FoxO1 Transcription Factor During Metabolic Inhibition in Cardiomyoblasts. Cell Biochemistry and Biophysics, 2018, 76, 401-410.	1.8	7
12	StemBell therapy stabilizes atherosclerotic plaques after myocardial infarction. Cytotherapy, 2018, 20, 1143-1154.	0.7	10
13	Lymphocytic myocarditis occurs with myocardial infarction and coincides with increased inflammation, hemorrhage and instability in coronary artery atherosclerotic plaques. International Journal of Cardiology, 2017, 232, 53-62.	1.7	15
14	The role of complement in the acute phase response after burns. Burns, 2017, 43, 1390-1399.	1.9	29
15	Reply to the letter to the editor â€œIs colchicine really harmful in viral myocarditis?â€• International Journal of Cardiology, 2017, 229, 43.	1.7	0
16	Arterial Blood Pressure Induces Transient C4b-Binding Protein in Human Saphenous Vein Grafts. Annals of Vascular Surgery, 2017, 41, 259-264.	0.9	2
17	PX-18 Protects Human Saphenous Vein Endothelial Cells under Arterial Blood Pressure. Annals of Vascular Surgery, 2017, 42, 293-298.	0.9	0
18	CD45 is a more sensitive marker than CD3 to diagnose lymphocytic myocarditis in the endomyocardium. Human Pathology, 2017, 62, 83-90.	2.0	11

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19	Neutrophil extracellular traps coincide with a proâ€coagulant status of microcirculatory endothelium in burn wounds. Wound Repair and Regeneration, 2017, 25, 609-617.	3.0	25
20	On the value of therapeutic interventions targeting the complement system in acute myocardial infarction. Translational Research, 2017, 182, 103-122.	5.0	13
21	Inflammatory cell content of coronary thrombi is dependent on thrombus age in patients with ST-elevation myocardial infarction. Journal of Cardiology, 2017, 69, 394-400.	1.9	22
22	Mast cells are increased in the media of coronary lesions in patients with myocardial infarction and may favor atherosclerotic plaque instability. Journal of Cardiology, 2017, 69, 548-554.	1.9	12
23	A comparison in therapeutic efficacy of several time points of intravenous StemBell administration in a rat model of acute myocardial infarction. Cytotherapy, 2017, 19, 131-140.	0.7	7
24	Prevention of ageâ€induced N(Îµ)â€(carboxymethyl)lysine accumulation in the microvasculature. European Journal of Clinical Investigation, 2016, 46, 334-341.	3.4	2
25	Myocardial infarction induces atrial inflammation that can be prevented by C1-esterase inhibitor. Journal of Clinical Pathology, 2016, 69, 1093-1099.	2.0	10
26	Colchicine aggravates coxsackievirus B3 infection in mice. International Journal of Cardiology, 2016, 216, 58-65.	1.7	25
27	Orthopedic surgery increases atherosclerotic lesions and necrotic core area in ApoEâ^'/â^' mice. Atherosclerosis, 2016, 255, 164-170.	0.8	15
28	Development of a new therapeutic technique to direct stem cells to the infarcted heart using targeted microbubbles: StemBells. Stem Cell Research, 2016, 17, 6-15.	0.7	24
29	Ventricular myocarditis coincides with atrial myocarditis in patients. Cardiovascular Pathology, 2016, 25, 141-148.	1.6	31
30	Comparing inflammatory cell density in the myocardium and coronary arteries in rheumatoid arthritis patients versus controls with myocardial infarction: A post-mortem caseâ€“control study. International Journal of Cardiology, 2016, 209, 74-76.	1.7	4
31	Endogenous C1-inhibitor production and expression in the heart after acute myocardial infarction. Cardiovascular Pathology, 2016, 25, 33-39.	1.6	11
32	Modulators of Macrophage Polarization Influence Healing of the Infarcted Myocardium. International Journal of Molecular Sciences, 2015, 16, 29583-29591.	4.1	49
33	Analysis of morphological characteristics and expression levels of extracellular matrix proteins in skin wounds to determine wound age in living subjects in forensic medicine. Forensic Science International, 2015, 246, 86-91.	2.2	7
34	Acute myocardial infarction does not affect functional characteristics of adipose-derived stem cells in rats, but reduces the number of stem cells in adipose tissue. Cell and Tissue Research, 2015, 362, 623-632.	2.9	4
35	Atrial Fibrillation Coincides with the Advanced Glycation End Product NÎµ-(Carboxymethyl)Lysine in the Atrium. American Journal of Pathology, 2015, 185, 2096-2104.	3.8	28
36	Analysis of inflammatory cells and mediators in skin wound biopsies to determine wound age in living subjects in forensic medicine. Forensic Science International, 2015, 247, 7-13.	2.2	22

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37	Lymphocytes Infiltrate the Quadriceps Muscle in Lymphocytic Myocarditis Patients: A Potential New Diagnostic Tool. Canadian Journal of Cardiology, 2014, 30, 1547-1554.	1.7	5
38	Evaluating the efficacy of subcutaneous C1-esterase inhibitor administration for use in rat models of inflammatory diseases. Drug Delivery, 2014, 21, 302-306.	5.7	3
39	Early NADPH oxidase-2 activation is crucial in phenylephrine-induced hypertrophy of H9c2 cells. Cellular Signalling, 2014, 26, 1818-1824.	3.6	19
40	Wistar rats from different suppliers have a different response in an acute myocardial infarction model. Research in Veterinary Science, 2014, 96, 377-379.	1.9	8
41	A new method to determine wound age in early vital skin injuries: A probability scoring system using expression levels of Fibronectin, CD62p and Factor VIII in wound hemorrhage. Forensic Science International, 2014, 244, 128-135.	2.2	23
42	Monocyte subset accumulation in the human heart following acute myocardial infarction and the role of the spleen as monocyte reservoir. European Heart Journal, 2014, 35, 376-385.	2.2	210
43	Homocysteine-Induced Apoptosis in Endothelial Cells Coincides With Nuclear NOX2 and Peri-nuclear NOX4 Activity. Cell Biochemistry and Biophysics, 2013, 67, 341-352.	1.8	54
44	C1-esterase inhibitor protects against early vein graft remodeling under arterial blood pressure. Atherosclerosis, 2012, 220, 86-92.	0.8	11
45	S-Adenosylhomocysteine induces apoptosis and phosphatidylserine exposure in endothelial cells independent of homocysteine. Atherosclerosis, 2012, 221, 48-54.	0.8	34
46	NOX5 Expression Is Increased in Intramyocardial Blood Vessels and Cardiomyocytes after Acute Myocardial Infarction in Humans. American Journal of Pathology, 2012, 180, 2222-2229.	3.8	53
47	Human platelet lysate as a fetal bovine serum substitute improves human adipose-derived stromal cell culture for future cardiac repair applications. Cell and Tissue Research, 2012, 348, 119-130.	2.9	84
48	Homocysteine Induces Phosphatidylserine Exposure in Cardiomyocytes through Inhibition of Rho Kinase and Flippase Activity. Cellular Physiology and Biochemistry, 2011, 28, 53-62.	1.6	2
49	Homocysteine-induced cardiomyocyte apoptosis and plasma membrane flip-flop are independent of S-adenosylhomocysteine: a crucial role for nuclear p47phox. Molecular and Cellular Biochemistry, 2011, 358, 229-239.	3.1	13
50	NOX2, p22^{phox} and p47^{phox} are Targeted to the Nuclear Pore Complex in Ischemic Cardiomyocytes Colocalizing with Local Reactive Oxygen Species. Cellular Physiology and Biochemistry, 2011, 27, 471-478.	1.6	17
51	Letter by Krijnen et al Regarding Article, â€œThe sPLA 2 Inhibition to Decrease Enzyme Release After Percutaneous Coronary Intervention (SPIDER-PCI) Trialâ€• Circulation, 2011, 124, e298; author reply e299-300.	1.6	0
52	Validation of Ultrastructural Analysis of Mitochondrial Deposits in Cardiomyocytes as a Method of Detecting Early Acute Myocardial Infarction in Humans*. Journal of Forensic Sciences, 2010, 55, 988-992.	1.6	3
53	Activated complement is more extensively present in diseased aortic valves than naturally occurring complement inhibitors: a sign of ongoing inflammation. European Journal of Clinical Investigation, 2010, 40, 4-10.	3.4	16
54	Intravenous clusterin administration reduces myocardial infarct size in rats. European Journal of Clinical Investigation, 2010, 40, 893-902.	3.4	50

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55	The Basement Membrane of Intramyocardial Capillaries Is Thickened in Patients with Acute Myocardial Infarction. Journal of Vascular Research, 2010, 47, 54-60.	1.4	12
56	Inhibition of Rhoâ€"ROCK signaling induces apoptotic and non-apoptotic PS exposure in cardiomyocytes via inhibition of flippase. Journal of Molecular and Cellular Cardiology, 2010, 49, 781-790.	1.9	29
57	Inhibition of type 2A secretory phospholipase A2 reduces death of cardiomyocytes in acute myocardial infarction. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 753-763.	4.9	31
58	Apoptosis in diabetes. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 1387-1388.	4.9	30
59	Acute Inflammation is Persistent Locally in Burn Wounds: A Pivotal Role for Complement and C-Reactive Protein. Journal of Burn Care and Research, 2009, 30, 274-280.	0.4	57
60	Secretory type II phospholipase A2in culprit coronary lesions is associated with myocardial infarction. European Journal of Clinical Investigation, 2008, 38, 205-210.	3.4	14
61	Homocysteine affects cardiomyocyte viability: concentration-dependent effects on reversible flip-flop, apoptosis and necrosis. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 1407-1418.	4.9	41
62	Group II Secretory PLA2: A New Cardiovascular Risk Factor. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2006, 5, 163-173.	1.1	1
63	Ischemia induces nuclear NOX2 expression in cardiomyocytes and subsequently activates apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 913-921.	4.9	40
64	N ^{Îµ} -(Carboxymethyl)lysine Depositions in Intramyocardial Blood Vessels in Human and Rat Acute Myocardial Infarction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2497-2503.	2.4	43
65	Inhibition of sPLA2-IIA, C-reactive Protein or Complement: New Therapy for Patients with Acute Myocardial Infarction?. Cardiovascular & Hematological Disorders Drug Targets, 2006, 6, 111-121.	0.7	29
66	C-reactive protein and complement depositions in human infarcted myocardium are more extensive in patients with reinfarction or upon treatment with reperfusion. European Journal of Clinical Investigation, 2004, 34, 803-810.	3.4	27
67	NAD(P)H oxidase in the failing human heart. Journal of the American College of Cardiology, 2003, 42, 2170-2171.	2.8	3
68	Type II secretory phospholipase A2 in cardiovascular disease: a mediator in atherosclerosis and ischemic damage to cardiomyocytes?. Cardiovascular Research, 2003, 60, 68-77.	3.8	53
69	Intercellular Adhesion Moleculeâ€1 in the Heart. Annals of the New York Academy of Sciences, 2002, 973, 573-585.	3.8	35