

Karsten Grote

List of Publications by Year in descending order

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63
papers

3,981
citations

186209

28
h-index

161767

54
g-index

65
all docs

65
docs citations

65
times ranked

5769
citing authors

#	ARTICLE	IF	CITATIONS
1	Monocyte subpopulation profiling indicates CDK6-derived cell differentiation and identifies subpopulation-specific miRNA expression sets in acute and stable coronary artery disease. <i>Scientific Reports</i> , 2022, 12, 5589.	1.6	7
2	Extracellular Ribosomal RNA Acts Synergistically with Toll-like Receptor 2 Agonists to Promote Inflammation. <i>Cells</i> , 2022, 11, 1440.	1.8	3
3	Anti-Inflammatory Effects of C1q/Tumor Necrosis Factor-Related Protein 3 (CTRP3) in Endothelial Cells. <i>Cells</i> , 2021, 10, 2146.	1.8	4
4	Polystyrene microplastic particles induce endothelial activation. <i>PLoS ONE</i> , 2021, 16, e0260181.	1.1	19
5	Deficiency of Nucleotide-binding oligomerization domain-containing proteins (NOD) 1 and 2 reduces atherosclerosis. <i>Basic Research in Cardiology</i> , 2020, 115, 47.	2.5	17
6	Identification of microRNAs involved in NOD-dependent induction of pro-inflammatory genes in pulmonary endothelial cells. <i>PLoS ONE</i> , 2020, 15, e0228764.	1.1	4
7	The Lipopeptide MALP-2 Promotes Collateral Growth. <i>Cells</i> , 2020, 9, 997.	1.8	10
8	Title is missing!. , 2020, 15, e0228764.		0
9	Title is missing!. , 2020, 15, e0228764.		0
10	Title is missing!. , 2020, 15, e0228764.		0
11	Title is missing!. , 2020, 15, e0228764.		0
12	Title is missing!. , 2020, 15, e0228764.		0
13	Title is missing!. , 2020, 15, e0228764.		0
14	Heparan Sulfateâ€“Editing Extracellular Sulfatases Enhance VEGF Bioavailability for Ischemic Heart Repair. <i>Circulation Research</i> , 2019, 125, 787-801.	2.0	35
15	Elevated expression of the metalloproteinase ADAM8 associates with vascular diseases in mice and humans. <i>Atherosclerosis</i> , 2019, 286, 163-171.	0.4	15
16	Variety matters: Diverse functions of monocyte subtypes in vascular inflammation and atherogenesis. <i>Vascular Pharmacology</i> , 2019, 113, 9-19.	1.0	16
17	Suppressor of Cytokine Signaling 1 is Involved in Gene Regulation Which Controls the Survival of Ly6Clow Monocytes in Mice. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 336-353.	1.1	5
18	Anti-tumor necrosis factor-Î± therapy increases plaque burden in a mouse model of experimental atherosclerosis. <i>Atherosclerosis</i> , 2018, 277, 80-89.	0.4	29

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19	NADPH oxidase NOX2 mediates TLR2/ 6â€dependent release of GMâ€CSF from endothelial cells. FASEB Journal, 2017, 31, 2612-2624.	0.2	18
20	Toll-Like Receptors in Angiogenesis. , 2017, , 37-58.		1
21	Targeting Tumor Necrosis Factor-Î± with Adalimumab: Effects on Endothelial Activation and Monocyte Adhesion. PLoS ONE, 2016, 11, e0160145.	1.1	28
22	Differential Expression of MicroRNAs in Endarterectomy Specimens Taken from Patients with Asymptomatic and Symptomatic Carotid Plaques. PLoS ONE, 2016, 11, e0161632.	1.1	29
23	Lipocalin (LCN) 2 Mediates Pro-Atherosclerotic Processes and Is Elevated in Patients with Coronary Artery Disease. PLoS ONE, 2015, 10, e0137924.	1.1	28
24	Interleukin-6 receptor inhibition modulates the immune reaction and restores titin phosphorylation in experimental myocarditis. Basic Research in Cardiology, 2014, 109, 449.	2.5	55
25	Toll-Like Receptor 2/6 Agonist Macrophage-Activating Lipopeptide-2 Promotes Reendothelialization and Inhibits Neointima Formation After Vascular Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2097-2104.	1.1	16
26	Experimental Gingivitis Induces Systemic Inflammatory Markers in Young Healthy Individuals: A Single-Subject Interventional Study. PLoS ONE, 2013, 8, e55265.	1.1	52
27	Toll-Like Receptor-Linked Signal Transduction in Angiogenesis. , 2013, , 139-157.		2
28	Transsignaling of Interleukin-6 Crucially Contributes to Atherosclerosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 281-290.	1.1	203
29	Interleukin-1 Assembles a Proangiogenic Signaling Module Consisting of Caveolin-1, Tumor Necrosis Factor Receptorâ€Associated Factor 6, p38â€Mitogen-Activated Protein Kinase (MAPK), and MAPK-Activated Protein Kinase 2 in Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1280-1288.	1.1	36
30	Role of Suppressor of Cytokine Signaling-1 In Murine Atherosclerosis. PLoS ONE, 2012, 7, e51608.	1.1	8
31	Toll-Like Receptors in Angiogenesis. Scientific World Journal, The, 2011, 11, 981-991.	0.8	54
32	Gp130-Dependent Release of Acute Phase Proteins Is Linked to the Activation of Innate Immune Signaling Pathways. PLoS ONE, 2011, 6, e19427.	1.1	16
33	ADAMTS13â€marker of contractile phenotype of arterial smooth muscle cells lost in benign nephrosclerosis. Nephrology Dialysis Transplantation, 2011, 26, 1871-1881.	0.4	6
34	Toll-like receptor 2/6 stimulation promotes angiogenesis via GM-CSF as a potential strategy for immune defense and tissue regeneration. Blood, 2010, 115, 2543-2552.	0.6	73
35	Mechanical Stress Modulates SOCS-1 Expression in Human Vascular Smooth Muscle Cells. Journal of Vascular Research, 2010, 47, 432-440.	0.6	8
36	Chemokine Receptor 7 Knockout Attenuates Atherosclerotic Plaque Development. Circulation, 2010, 122, 1621-1628.	1.6	73

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37	Hepatocyte gp130 Deficiency Reduces Vascular Remodeling After Carotid Artery Ligation. <i>Hypertension</i> , 2009, 54, 1035-1042.	1.3	5
38	Immunostimulation with Macrophage-Activating Lipopeptide-2 Increased Survival in Murine Pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 40, 474-481.	1.4	54
39	Ex vivo expanded haematopoietic progenitor cells improve dermal wound healing by paracrine mechanisms. <i>Experimental Dermatology</i> , 2009, 18, 445-453.	1.4	17
40	Actin-Binding Rho Activating Protein (<i>Arp2/3</i>) Is Essential for Fluid Shear Stress-Induced Arteriogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 2093-2101.	1.1	62
41	How much is too much? Interleukin-6 and its signalling in atherosclerosis. <i>Thrombosis and Haemostasis</i> , 2009, 102, 215-222.	1.8	247
42	Ex vivo expanded hematopoietic progenitor cells improve cardiac function after myocardial infarction: Role of β -catenin transduction and cell dose. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 45, 394-403.	0.9	40
43	Postnatal Life Events Affect the Severity of Asthmatic Airway Inflammation in the Adult Rat. <i>Journal of Immunology</i> , 2008, 180, 3919-3925.	0.4	37
44	Renovascular hypertension by two-kidney one-clip enhances endothelial progenitor cell mobilization in a p47phox-dependent manner. <i>Journal of Hypertension</i> , 2008, 26, 257-268.	0.3	40
45	Critical Role of the NAD(P)H Oxidase Subunit p47 phox for Left Ventricular Remodeling/Dysfunction and Survival After Myocardial Infarction. <i>Circulation Research</i> , 2007, 100, 894-903.	2.0	192
46	Signal transducer of inflammation gp130 modulates atherosclerosis in mice and man. <i>Journal of Experimental Medicine</i> , 2007, 204, 1935-1944.	4.2	63
47	The angiogenic factor CCN1 promotes adhesion and migration of circulating CD34+ progenitor cells: potential role in angiogenesis and endothelial regeneration. <i>Blood</i> , 2007, 110, 877-885.	0.6	102
48	Angiotensin II type 1-receptor antagonism prevents type IIA secretory phospholipase A2-dependent lipid peroxidation. <i>Atherosclerosis</i> , 2007, 194, 62-70.	0.4	17
49	Local pulmonary immune stimulation by the Toll-like receptor 2 and 6 ligand MALP-2 in rats is age dependent. <i>Immunology Letters</i> , 2007, 108, 167-173.	1.1	14
50	Critical role for p47phox in renin-angiotensin system activation and blood pressure regulation. <i>Cardiovascular Research</i> , 2006, 71, 596-605.	1.8	35
51	JANUS under stress—Role of JAK/STAT signaling pathway in vascular diseases. <i>Vascular Pharmacology</i> , 2005, 43, 357-363.	1.0	105
52	Combined effects of HMG-CoA-reductase inhibition and renin-angiotensin system blockade on experimental atherosclerosis. <i>Atherosclerosis</i> , 2005, 182, 57-69.	0.4	51
53	Angiotensin II induces MMP-2 in a p47phox-dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 183-188.	1.0	114
54	Regulation of Proangiogenic Factor CCN1 in Cardiac Muscle. <i>Circulation</i> , 2004, 109, 2227-2233.	1.6	104

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55	Impact of Interleukin-6 on Plaque Development and Morphology in Experimental Atherosclerosis. <i>Circulation</i> , 2004, 110, 3493-3500.	1.6	285
56	Stretch-inducible Expression of the Angiogenic Factor CCN1 in Vascular Smooth Muscle Cells Is Mediated by Egr-1. <i>Journal of Biological Chemistry</i> , 2004, 279, 55675-55681.	1.6	43
57	Renin-angiotensin system and atherosclerosis. <i>Nephrology Dialysis Transplantation</i> , 2004, 19, 770-773.	0.4	42
58	Mechanical Stretch Enhances mRNA Expression and Proenzyme Release of Matrix Metalloproteinase-2 (MMP-2) via NAD(P)H Oxidase-Derived Reactive Oxygen Species. <i>Circulation Research</i> , 2003, 92, e80-6.	2.0	366
59	Intratracheal Macrophage-Activating Lipopeptide-2 Reduces Metastasis in the Rat Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 28, 316-321.	1.4	26
60	Cutting Edge: Preferentially the <i>R</i> -Stereoisomer of the Mycoplasmal Lipopeptide Macrophage-Activating Lipopeptide-2 Activates Immune Cells Through a Toll-Like Receptor 2- and MyD88-Dependent Signaling Pathway. <i>Journal of Immunology</i> , 2000, 164, 554-557.	0.4	550
61	The <i>Nicotiana tabacum</i> plasma membrane aquaporin NtAQP1 is mercury-insensitive and permeable for glycerol. <i>Plant Journal</i> , 1999, 18, 565-570.	2.8	221
62	Significance of plasmalemma aquaporins for water transport in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 1998, 14, 121-128.	2.8	272
63	Case Report: Arterial Wall Inflammation in Atherosclerotic Cardiovascular Disease is Reduced by Olamkicept (sgp130Fc). <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	6