Nicolle Kraenkel

List of Publications by Year
in descending order

73	4,644	101543	102487
papers	citations	36 h-index	66 g-index

74	74	74	7065
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of Regular Physical Activity on the NAD(P)H Oxidase and Angiotensin Receptor System in Patients With Coronary Artery Disease. Circulation, 2005, 111, 555-562.	1.6	286
2	Human Adult Vena Saphena Contains Perivascular Progenitor Cells Endowed With Clonogenic and Proangiogenic Potential. Circulation, 2010, 121, 1735-1745.	1.6	277
3	Effects of Exercise and Ischemia on Mobilization and Functional Activation of Blood-Derived Progenitor Cells in Patients With Ischemic Syndromes. Circulation, 2005, 111, 3391-3399.	1.6	269
4	Abnormal High-Density Lipoprotein Induces Endothelial Dysfunction via Activation of Toll-like Receptor-2. Immunity, 2013, 38, 754-768.	14.3	261
5	Human CD133 ⁺ Progenitor Cells Promote the Healing of Diabetic Ischemic Ulcers by Paracrine Stimulation of Angiogenesis and Activation of Wnt Signaling. Circulation Research, 2009, 104, 1095-1102.	4.5	234
6	Gut Microbiotaâ€“Dependent Trimethylamine N -Oxide Predicts Risk of Cardiovascular Events in Patients With Stroke and Is Related to Proinflammatory Monocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2225-2235.	2.4	219
7	Diabetes Mellitus Induces Bone Marrow Microangiopathy. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 498-508.	2.4	207
8	Hyperglycemia Reduces Survival and Impairs Function of Circulating Blood-Derived Progenitor Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 698-703.	2.4	202
9	Lifestyle factors and high-risk atherosclerosis: Pathways and mechanisms beyond traditional risk factors. European Journal of Preventive Cardiology, 2020, 27, 394-406.	1.8	172
10	Exercise Training in Patients With Advanced Chronic Heart Failure (NYHA IIIb) Promotes Restoration of Peripheral Vasomotor Function, Induction of Endogenous Regeneration, and Improvement of Left Ventricular Function. Circulation: Heart Failure, 2010, 3, 486-494.	3.9	168
11	Diabetes and vessel wall remodelling: from mechanistic insights to regenerative therapies. Cardiovascular Research, 2008, 78, 265-273.	3.8	127
12	Propionate attenuates atherosclerosis by immune-dependent regulation of intestinal cholesterol metabolism. European Heart Journal, 2022, 43, 518-533.	2.2	113
13	Loss of AngiomiR-126 and 130a in Angiogenic Early Outgrowth Cells From Patients With Chronic Heart Failure. Circulation, 2012, 126, 2962-2975.	1.6	111
14	Exercise intensity assessment and prescription in cardiovascular rehabilitation and beyond: why and how: a position statement from the Secondary Prevention and Rehabilitation Section of the European Association of Preventive Cardiology. European Journal of Preventive Cardiology, 2022, 29, 230-245.	1.8	111
15	Role of Kinin B 2 Receptor Signaling in the Recruitment of Circulating Progenitor Cells With Neovascularization Potential. Circulation Research, 2008, 103, 1335-1343.	4.5	108
16	Neurotrophin p75 Receptor (p75 ^{NTR}) Promotes Endothelial Cell Apoptosis and Inhibits Angiogenesis. Circulation Research, 2008, 103, e15-26.	4.5	90
17	Systemic VEGF inhibition accelerates experimental atherosclerosis and disrupts endothelial homeostasis â€“ implications for cardiovascular safety. International Journal of Cardiology, 2013, 168, 2453-2461.	1.7	86
18	Long noncoding RNA NEAT1 modulates immune cell functions and is suppressed in early onset myocardial infarction patients. Cardiovascular Research, 2019, 115, 1886-1906.	3.8	86

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19	Myocardial expression of Murf-1 and MAFbx after induction of chronic heart failure: Effect on myocardial contractility. Cardiovascular Research, 2007, 73, 120-129.	3.8	78
20	Phosphoinositide 3-Kinase Î³ Gene Knockout Impairs Postischemic Neovascularization and Endothelial Progenitor Cell Functions. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 68-76.	2.4	76
21	High-Risk Atherosclerosis and Metabolic Phenotype: The Roles of Ectopic Adiposity, Atherogenic Dyslipidemia, and Inflammation. Metabolic Syndrome and Related Disorders, 2020, 18, 176-185.	1.3	76
22	Personalized exercise prescription in the prevention and treatment of arterial hypertension: a Consensus Document from the European Association of Preventive Cardiology (EAPC) and the ESC Council on Hypertension. European Journal of Preventive Cardiology, 2022, 29, 205-215.	1.8	74
23	Microâ€“RNA-126 Reduces the Blood Thrombogenicity in Diabetes Mellitus via Targeting of Tissue Factor. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1263-1271.	2.4	73
24	Exercise training for patients with type 2 diabetes and cardiovascular disease: What to pursue and how to do it. A Position Paper of the European Association of Preventive Cardiology (EAPC). European Journal of Preventive Cardiology, 2019, 26, 709-727.	1.8	68
25	Differential immunological signature at the culprit site distinguishes acute coronary syndrome with intact from acute coronary syndrome with ruptured fibrous cap: results from the prospective translational OPTICO-ACS study. European Heart Journal, 2020, 41, 3549-3560.	2.2	67
26	Critical Role of Tissue Kallikrein in Vessel Formation and Maturation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 657-664.	2.4	64
27	Structure-function relationships of HDL in diabetes and coronary heart disease. JCI Insight, 2020, 5, .	5.0	62
28	DPP-4 inhibition ameliorates atherosclerosis by priming monocytes into M2 macrophages. International Journal of Cardiology, 2015, 199, 163-169.	1.7	61
29	Dynamic microvesicle release and clearance within the cardiovascular system: triggers and mechanisms. Clinical Science, 2015, 129, 915-931.	4.3	53
30	Circulating progenitor cells decrease immediately after marathon race in advanced-age marathon runners. European Journal of Cardiovascular Prevention and Rehabilitation, 2008, 15, 602-607.	2.8	50
31	Tissue Kallikrein Is Essential for Invasive Capacity of Circulating Proangiogenic Cells. Circulation Research, 2011, 108, 284-293.	4.5	50
32	Targeting stem cell niches and trafficking for cardiovascular therapy. , 2011, 129, 62-81.		43
33	Towards a personalised approach in exercise-based cardiovascular rehabilitation: How can translational research help? A â€˜call to actionâ€™ from the Section on Secondary Prevention and Cardiac Rehabilitation of the European Association of Preventive Cardiology. European Journal of Preventive Cardiology, 2020, 27, 1369-1385.	1.8	43
34	Increased Expression of miR-483-3p Impairs the Vascular Response to Injury in Type 2 Diabetes. Diabetes, 2019, 68, 349-360.	0.6	42
35	Nuclear factor-kappa B activation in skeletal muscle of patients with chronic heart failure: correlation with the expression of inducible nitric oxide synthase. European Journal of Cardiovascular Prevention and Rehabilitation, 2003, 10, 273-277.	2.8	42
36	Increased Proangiogenic Activity of Mobilized CD34 ⁺ Progenitor Cells of Patients With Acute ST-Segmentâ€“Elevation Myocardial Infarction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 341-349.	2.4	40

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37	Exercise training in women with cardiovascular disease: Differential response and barriers â€“ review and perspective. European Journal of Preventive Cardiology, 2021, 28, 779-790.	1.8	39
38	Type-2 Diabetic Leprdb/db Mice Show a Defective Microvascular Phenotype under basal conditions and an Impaired Response to Angiogenesis Gene Therapy in the setting of Limb Ischemia. Frontiers in Bioscience - Landmark, 2007, 12, 2003.	3.0	37
39	Short-term inhibition of DPP-4 enhances endothelial regeneration after acute arterial injury via enhanced recruitment of circulating progenitor cells. International Journal of Cardiology, 2014, 177, 266-275.	1.7	32
40	Myeloid calcifying cells promote atherosclerotic calcification via paracrine activity and allograft inflammatory factor-1 overexpression. Basic Research in Cardiology, 2013, 108, 368.	5.9	28
41	Reprogramming ageing and longevity genes restores paracrine angiogenic properties of early outgrowth cells. European Heart Journal, 2016, 37, 1733-1737.	2.2	27
42	Concepts and Software Package for Efficient Quality Control in Targeted Metabolomics Studies: MeTaQuaC. Analytical Chemistry, 2020, 92, 10241-10245.	6.5	22
43	Novel Insights Into the Critical Role of Bradykinin and the Kinin B2 Receptor for Vascular Recruitment of Circulating Endothelial Repairâ€“Promoting Mononuclear Cell Subsets. Circulation, 2013, 127, 594-603.	1.6	21
44	Delphi consensus recommendations on how to provide cardiovascular rehabilitation in the COVID-19 era. European Journal of Preventive Cardiology, 2021, 28, 541-557.	1.8	20
45	Endothelial and Leukocyte-Derived Microvesicles and Cardiovascular Risk After Stroke. Neurology, 2021, 96, e937-e946.	1.1	19
46	Deletion of L-Selectin Increases Atherosclerosis Development in ApoEâ^'/â^' Mice. PLoS ONE, 2011, 6, e21675.	2.5	18
47	Stem Cells in Cardiovascular Regeneration: From Preservation of Endogenous Repair to Future Cardiovascular Therapies. Current Pharmaceutical Design, 2011, 17, 3280-3294.	1.9	16
48	Impact of the Gut Microbiota on Atorvastatin Mediated Effects on Blood Lipids. Journal of Clinical Medicine, 2020, 9, 1596.	2.4	15
49	Disease Severity in Moderate-to-Severe COVID-19 Is Associated With Platelet Hyperreactivity and Innate Immune Activation. Frontiers in Immunology, 2022, 13, 844701.	4.8	15
50	Differential gene expression in skeletal muscle after induction of heart failure: impact of cytokines on protein phosphatase 2A expression. Molecular Genetics and Metabolism, 2003, 80, 262-271.	1.1	14
51	Sitagliptin Accelerates Endothelial Regeneration after Vascular Injury Independent from GLP1 Receptor Signaling. Stem Cells International, 2018, 2018, 1-11.	2.5	14
52	Distinct Kinin-Induced Functions Are Altered in Circulating Cells of Young Type 1 Diabetic Patients. PLoS ONE, 2010, 5, e11146.	2.5	13
53	A novel flow cytometryâ€based assay to study leukocyteâ€“endothelial cell interactions in vitro. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2011, 79A, 256-262.	1.5	12
54	Migration towards SDF-1 selects angiogenin-expressing bone marrow monocytes endowed with cardiac reparative activity in patients with previous myocardial infarction. Stem Cell Research and Therapy, 2015, 6, 53.	5.5	12

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55	“Endothelial Progenitor Cells” as a Therapeutic Strategy in Cardiovascular Disease. Current Vascular Pharmacology, 2012, 10, 107-124.	1.7	11
56	Management of patients with type 2 diabetes in cardiovascular rehabilitation. European Journal of Preventive Cardiology, 2019, 26, 133-144.	1.8	11
57	Extracellular vesicle species differentially affect endothelial cell functions and differentially respond to exercise training in patients with chronic coronary syndromes. European Journal of Preventive Cardiology, 2021, 28, 1467-1474.	1.8	11
58	Pleiotropic Effects of the Protease-Activated Receptor 1 (PAR1) Inhibitor, Vorapaxar, on Atherosclerosis and Vascular Inflammation. Cells, 2021, 10, 3517.	4.1	11
59	Novel Insights into Vascular Repair Mechanisms. Current Pharmaceutical Design, 2014, 20, 2430-2438.	1.9	10
60	The Effect of Exercise Intensity and Volume on Metabolic Phenotype in Patients with Metabolic Syndrome: A Randomized Controlled Trial. Metabolic Syndrome and Related Disorders, 2021, 19, 107-114.	1.3	6
61	Future of preventive cardiology: EAPC vision 2020â€“22. European Journal of Preventive Cardiology, 2021, 28, 356-358.	1.8	5
62	Helping the circulatory system heal itself: manipulating kinin signaling to promote neovascularization. Expert Review of Cardiovascular Therapy, 2009, 7, 215-219.	1.5	3
63	You can teach an old dog new tricks: angiopoietinâ€1 instructs Tie2 ^{pos} myeloid cells to promote neovascularization in ischemic limbs. EMBO Molecular Medicine, 2013, 5, 802-804.	6.9	3
64	Early detection of myocardial infarctionâ€”microRNAs right at the time?. Annals of Translational Medicine, 2016, 4, 502-502.	1.7	3
65	Rapid Inflammasome Activation Is Attenuated in Post-Myocardial Infarction Monocytes. Frontiers in Immunology, 2022, 13, 857455.	4.8	3
66	Adenine Nucleotide Translocase 1 Expression Modulates the Immune Response in Ischemic Hearts. Cells, 2021, 10, 2130.	4.1	2
67	Close Encounters of the Third Kind. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 243-244.	2.4	1
68	Increased cardiovascular risk in boys born with hypospadias: intriguing observations and remaining questions. European Heart Journal, 2022, , .	2.2	1
69	How to keep on going: Editorial comment on The long-term effects of a randomized trial comparing aerobic interval versus continuous training in coronary artery disease patients: one-year data from the SAINTEX-CAD study. European Journal of Preventive Cardiology, 2016, 23, 1151-1153.	1.8	0
70	Dabigatran-related platelet thrombin response during triple anti-thrombotic therapy: A matter of time?. Thrombosis Research, 2017, 149, 62-63.	1.7	0
71	The pattern of a broken heart: Can circulating miRs help to distinguish cardiac pathologies from normal post-exercise recovery?. International Journal of Cardiology, 2018, 264, 145-146.	1.7	0
72	You donâ€™t know them until you challenge them â€“ micro ribonucleic acid changes in response to acute exercise in patients with coronary artery disease. European Journal of Preventive Cardiology, 2019, 26, 343-345.	1.8	0

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73	The â€˜real worldâ€™ is relativeâ€”biased. European Journal of Preventive Cardiology, 2021, , .	1.8	0