Nicolle Kraenkel

List of Publications by Year
in descending order

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73 papers	4,644 citations	116194 36 h-index	116156 66 g-index
74 all docs	74 docs citations	74 times ranked	7646 citing authors

#	Article	IF	Citations
1	Propionate attenuates atherosclerosis by immune-dependent regulation of intestinal cholesterol metabolism. European Heart Journal, 2022, 43, 518-533.	1.0	113
2	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.	0.8	74
3	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.	0.8	111
4	Increased cardiovascular risk in boys born with hypospadias: intriguing observations and remaining questions. European Heart Journal, 2022, , .	1.0	1
5	Disease Severity in Moderate-to-Severe COVID-19 Is Associated With Platelet Hyperreactivity and Innate Immune Activation. Frontiers in Immunology, 2022, 13, 844701.	2.2	15
6	Rapid Inflammasome Activation Is Attenuated in Post-Myocardial Infarction Monocytes. Frontiers in Immunology, 2022, 13, 857455.	2.2	3
7	Exercise training in women with cardiovascular disease: Differential response and barriers â€“ review and perspective. European Journal of Preventive Cardiology, 2021, 28, 779-790.	0.8	39
8	Endothelial and Leukocyte-Derived Microvesicles and Cardiovascular Risk After Stroke. Neurology, 2021, 96, e937-e946.	1.5	19
9	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.	0.8	11
10	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.	0.5	6
11	Future of preventive cardiology: EAPC vision 2020â€“22. European Journal of Preventive Cardiology, 2021, 28, 356-358.	0.8	5
12	Adenine Nucleotide Translocase 1 Expression Modulates the Immune Response in Ischemic Hearts. Cells, 2021, 10, 2130.	1.8	2
13	Delphi consensus recommendations on how to provide cardiovascular rehabilitation in the COVID-19 era. European Journal of Preventive Cardiology, 2021, 28, 541-557.	0.8	20
14	The â€˜real worldâ€™ is relativeâ€”biased. European Journal of Preventive Cardiology, 2021, , .	0.8	0
15	Pleiotropic Effects of the Protease-Activated Receptor 1 (PAR1) Inhibitor, Vorapaxar, on Atherosclerosis and Vascular Inflammation. Cells, 2021, 10, 3517.	1.8	11
16	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.	0.8	43
17	Lifestyle factors and high-risk atherosclerosis: Pathways and mechanisms beyond traditional risk factors. European Journal of Preventive Cardiology, 2020, 27, 394-406.	0.8	172
18	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.	1.0	67

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19	Impact of the Gut Microbiota on Atorvastatin Mediated Effects on Blood Lipids. Journal of Clinical Medicine, 2020, 9, 1596.	1.0	15
20	Concepts and Software Package for Efficient Quality Control in Targeted Metabolomics Studies: MeTaQuaC. Analytical Chemistry, 2020, 92, 10241-10245.	3.2	22
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.	0.5	76
22	Structure-function relationships of HDL in diabetes and coronary heart disease. JCI Insight, 2020, 5, .	2.3	62
23	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.	0.8	0
24	Long noncoding RNA NEAT1 modulates immune cell functions and is suppressed in early onset myocardial infarction patients. Cardiovascular Research, 2019, 115, 1886-1906.	1.8	86
25	Management of patients with type 2 diabetes in cardiovascular rehabilitation. European Journal of Preventive Cardiology, 2019, 26, 133-144.	0.8	11
26	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.	0.8	68
27	Increased Expression of miR-483-3p Impairs the Vascular Response to Injury in Type 2 Diabetes. Diabetes, 2019, 68, 349-360.	0.3	42
28	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.	0.8	0
29	Sitagliptin Accelerates Endothelial Regeneration after Vascular Injury Independent from GLP1 Receptor Signaling. Stem Cells International, 2018, 2018, 1-11.	1.2	14
30	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.	1.1	219
31	Dabigatran-related platelet thrombin response during triple anti-thrombotic therapy: A matter of time?. Thrombosis Research, 2017, 149, 62-63.	0.8	0
32	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.	1.1	40
33	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.	0.8	0
34	Microâ€“RNA-126 Reduces the Blood Thrombogenicity in Diabetes Mellitus via Targeting of Tissue Factor. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1263-1271.	1.1	73
35	Reprogramming ageing and longevity genes restores paracrine angiogenic properties of early outgrowth cells. European Heart Journal, 2016, 37, 1733-1737.	1.0	27
36	Early detection of myocardial infarctionâ€”microRNAs right at the time?. Annals of Translational Medicine, 2016, 4, 502-502.	0.7	3

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37	Dynamic microvesicle release and clearance within the cardiovascular system: triggers and mechanisms. Clinical Science, 2015, 129, 915-931.	1.8	53
38	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.	2.4	12
39	DPP-4 inhibition ameliorates atherosclerosis by priming monocytes into M2 macrophages. International Journal of Cardiology, 2015, 199, 163-169.	0.8	61
40	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.	0.8	32
41	Novel Insights into Vascular Repair Mechanisms. Current Pharmaceutical Design, 2014, 20, 2430-2438.	0.9	10
42	Myeloid calcifying cells promote atherosclerotic calcification via paracrine activity and allograft inflammatory factor-1 overexpression. Basic Research in Cardiology, 2013, 108, 368.	2.5	28
43	Systemic VEGF inhibition accelerates experimental atherosclerosis and disrupts endothelial homeostasis â€“ implications for cardiovascular safety. International Journal of Cardiology, 2013, 168, 2453-2461.	0.8	86
44	Abnormal High-Density Lipoprotein Induces Endothelial Dysfunction via Activation of Toll-like Receptor-2. Immunity, 2013, 38, 754-768.	6.6	261
45	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.	3.3	3
46	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
47	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
48	“Endothelial Progenitor Cells” as a Therapeutic Strategy in Cardiovascular Disease. Current Vascular Pharmacology, 2012, 10, 107-124.	0.8	11
49	Stem Cells in Cardiovascular Regeneration: From Preservation of Endogenous Repair to Future Cardiovascular Therapies. Current Pharmaceutical Design, 2011, 17, 3280-3294.	0.9	16
50	Targeting stem cell niches and trafficking for cardiovascular therapy. , 2011, 129, 62-81.		43
51	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.	1.1	12
52	Tissue Kallikrein Is Essential for Invasive Capacity of Circulating Proangiogenic Cells. Circulation Research, 2011, 108, 284-293.	2.0	50
53	Close Encounters of the Third Kind. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 243-244.	1.1	1
54	Deletion of L-Selectin Increases Atherosclerosis Development in ApoEâ^'/â^' Mice. PLoS ONE, 2011, 6, e21675.	1.1	18

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55	Distinct Kinin-Induced Functions Are Altered in Circulating Cells of Young Type 1 Diabetic Patients. PLoS ONE, 2010, 5, e11146.	1.1	13
56	Human Adult Vena Saphena Contains Perivascular Progenitor Cells Endowed With Clonogenic and Proangiogenic Potential. Circulation, 2010, 121, 1735-1745.	1.6	277
57	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.	1.6	168
58	Diabetes Mellitus Induces Bone Marrow Microangiopathy. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 498-508.	1.1	207
59	Critical Role of Tissue Kallikrein in Vessel Formation and Maturation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 657-664.	1.1	64
60	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.	2.0	234
61	Helping the circulatory system heal itself: manipulating kinin signaling to promote neovascularization. Expert Review of Cardiovascular Therapy, 2009, 7, 215-219.	0.6	3
62	Circulating progenitor cells decrease immediately after marathon race in advanced-age marathon runners. European Journal of Cardiovascular Prevention and Rehabilitation, 2008, 15, 602-607.	3.1	50
63	Diabetes and vessel wall remodelling: from mechanistic insights to regenerative therapies. Cardiovascular Research, 2008, 78, 265-273.	1.8	127
64	Neurotrophin p75 Receptor (p75 ^{NTR}) Promotes Endothelial Cell Apoptosis and Inhibits Angiogenesis. Circulation Research, 2008, 103, e15-26.	2.0	90
65	Role of Kinin B 2 Receptor Signaling in the Recruitment of Circulating Progenitor Cells With Neovascularization Potential. Circulation Research, 2008, 103, 1335-1343.	2.0	108
66	Phosphoinositide 3-Kinase Î³ Gene Knockout Impairs Postischemic Neovascularization and Endothelial Progenitor Cell Functions. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 68-76.	1.1	76
67	Myocardial expression of Murf-1 and MAFbx after induction of chronic heart failure: Effect on myocardial contractility. Cardiovascular Research, 2007, 73, 120-129.	1.8	78
68	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
69	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
70	Hyperglycemia Reduces Survival and Impairs Function of Circulating Blood-Derived Progenitor Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 698-703.	1.1	202
71	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
72	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.	0.5	14

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73	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.	3.1	42