

Raphael Duivenvoorden

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

5,452
citations

126858

33
h-index

88593

70
g-index

80
all docs

80
docs citations

80
times ranked

7540
citing authors

#	ARTICLE	IF	CITATIONS
1	Simvastatin with or without Ezetimibe in Familial Hypercholesterolemia. <i>New England Journal of Medicine</i> , 2008, 358, 1431-1443.	13.9	1,180
2	Randomized Trial of Reamed and Unreamed Intramedullary Nailing of Tibial Shaft Fractures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 2567-2578.	1.4	361
3	A statin-loaded reconstituted high-density lipoprotein nanoparticle inhibits atherosclerotic plaque inflammation. <i>Nature Communications</i> , 2014, 5, 3065.	5.8	336
4	COVID-19-related mortality in kidney transplant and dialysis patients: results of the ERACODA collaboration. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 1973-1983.	0.4	312
5	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , 2021, 22, 2-6.	7.0	274
6	Chronic kidney disease is a key risk factor for severe COVID-19: a call to action by the ERA-EDTA. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 87-94.	0.4	259
7	Measurement of carotid intima-media thickness to assess progression and regression of atherosclerosis. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2008, 5, 280-288.	3.3	221
8	Inhibiting macrophage proliferation suppresses atherosclerotic plaque inflammation. <i>Science Advances</i> , 2015, 1, .	4.7	173
9	Inhibiting Inflammation with Myeloid Cell-Specific Nanobiologics Promotes Organ Transplant Acceptance. <i>Immunity</i> , 2018, 49, 819-828.e6.	6.6	161
10	Targeting CD40-Induced TRAF6 Signaling in Macrophages Reduces Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2018, 71, 527-542.	1.2	149
11	ACAT Inhibition and Progression of Carotid Atherosclerosis in Patients With Familial Hypercholesterolemia. <i>JAMA - Journal of the American Medical Association</i> , 2009, 301, 1131.	3.8	128
12	Augmenting drug-carrier compatibility improves tumour nanotherapy efficacy. <i>Nature Communications</i> , 2016, 7, 11221.	5.8	111
13	Trained Immunity-Promoting Nanobiologic Therapy Suppresses Tumor Growth and Potentiates Checkpoint Inhibition. <i>Cell</i> , 2020, 183, 786-801.e19.	13.5	101
14	Increased Plasma Heparanase Activity in COVID-19 Patients. <i>Frontiers in Immunology</i> , 2020, 11, 575047.	2.2	98
15	Immune cell screening of a nanoparticle library improves atherosclerosis therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6731-E6740.	3.3	95
16	Efficacy and safety assessment of a TRAF6-targeted nanoimmunotherapy in atherosclerotic mice and non-human primates. <i>Nature Biomedical Engineering</i> , 2018, 2, 279-292.	11.6	94
17	In Vivo Quantification of Carotid Artery Wall Dimensions. <i>Circulation: Cardiovascular Imaging</i> , 2009, 2, 235-242.	1.3	78
18	In Vivo PET Imaging of HDL in Multiple Atherosclerosis Models. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 950-961.	2.3	78

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19	Relationship of Serum Inflammatory Biomarkers With Plaque Inflammation Assessed by FDG PET/CT. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 1087-1094.	2.3	66
20	COVID-19-related mortality in kidney transplant and haemodialysis patients: a comparative, prospective registry-based study. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 2094-2105.	0.4	65
21	Use of both short musculoskeletal function assessment questionnaire and short form-36 among tibial-fracture patients was redundant. <i>Journal of Clinical Epidemiology</i> , 2009, 62, 1210-1217.	2.4	64
22	ABCA1 mutation carriers with low high-density lipoprotein cholesterol are characterized by a larger atherosclerotic burden. <i>European Heart Journal</i> , 2013, 34, 286-291.	1.0	61
23	Cholesterol Acyltransferase Gene Mutations Have Accelerated Atherogenesis as Assessed by Carotid 3.0-T Magnetic Resonance Imaging. <i>Journal of the American College of Cardiology</i> , 2011, 58, 2481-2487.	1.2	58
24	Prevalence and Risk Factors of Carotid Vessel Wall Inflammation in Coronary Artery Disease Patients. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 1195-1205.	2.3	57
25	HDL mimetic CER-001 targets atherosclerotic plaques in patients. <i>Atherosclerosis</i> , 2016, 251, 381-388.	0.4	51
26	Imaging-assisted nanoimmunotherapy for atherosclerosis in multiple species. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	51
27	Surrogate markers in clinical trials—Challenges and opportunities. <i>Atherosclerosis</i> , 2009, 206, 8-16.	0.4	49
28	Ultrasound protocols to measure carotid intima-media thickness in trials; comparison of reproducibility, rate of progression, and effect of intervention in subjects with familial hypercholesterolemia and subjects with mixed dyslipidemia. <i>Annals of Medicine</i> , 2010, 42, 447-464.	1.5	49
29	Arterial and Cellular Inflammation in Patients with CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 1278-1285.	3.0	46
30	CCR2 expression on circulating monocytes is associated with arterial wall inflammation assessed by 18F-FDG PET/CT in patients at risk for cardiovascular disease. <i>Cardiovascular Research</i> , 2018, 114, 468-475.	1.8	43
31	Nanoimmunotherapy to treat ischaemic heart disease. <i>Nature Reviews Cardiology</i> , 2019, 16, 21-32.	6.1	43
32	Probing myeloid cell dynamics in ischaemic heart disease by nanotracer hot-spot imaging. <i>Nature Nanotechnology</i> , 2020, 15, 398-405.	15.6	42
33	Prosaposin mediates inflammation in atherosclerosis. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	42
34	Rationale and design of dal-VESSEL: a study to assess the safety and efficacy of dalcetrapib on endothelial function using brachial artery flow-mediated vasodilatation. <i>Current Medical Research and Opinion</i> , 2011, 27, 141-150.	0.9	32
35	Patients with low HDL-cholesterol caused by mutations in LCAT have increased arterial stiffness. <i>Atherosclerosis</i> , 2012, 225, 481-485.	0.4	31
36	Interferon gamma immunotherapy in five critically ill COVID-19 patients with impaired cellular immunity: A case series. <i>Med</i> , 2021, 2, 1163-1170.e2.	2.2	31

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37	Atherosclerosis imaging as a benchmark in the development of novel cardiovascular drugs. <i>Current Opinion in Lipidology</i> , 2007, 18, 613-621.	1.2	26
38	Endothelial Shear Stress. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 578-585.	1.3	26
39	Development and Validation of an Instrument to Predict Functional Recovery in Tibial Fracture Patients. <i>Journal of Orthopaedic Trauma</i> , 2012, 26, 370-378.	0.7	26
40	ERACODA: the European database collecting clinical information of patients on kidney replacement therapy with COVID-19. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 2023-2025.	0.4	25
41	Hydroxychloroquine Inhibits the Trained Innate Immune Response to Interferons. <i>Cell Reports Medicine</i> , 2020, 1, 100146.	3.3	24
42	Carotid Atherosclerosis Progression in Familial Hypercholesterolemia Patients. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 398-404.	1.3	21
43	Increasing spatial resolution of 3T MRI scanning improves reproducibility of carotid arterial wall dimension measurements. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2014, 27, 219-226.	1.1	21
44	Completeness of Carotid Intima Media Thickness Measurements Depends on Body Composition: The RADIANCE 1 and 2 trials. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010, 17, 526-535.	0.9	20
45	Character, Incidence, and Predictors of Knee Pain and Activity After Infrapatellar Intramedullary Nailing of an Isolated Tibia Fracture. <i>Journal of Orthopaedic Trauma</i> , 2016, 30, 135-141.	0.7	14
46	Asymmetrical distribution of atherosclerosis in the carotid artery: identical patterns across age, race, and gender. <i>European Journal of Preventive Cardiology</i> , 2012, 19, 687-697.	0.8	13
47	Detection of Liquid Phase Cholesteryl Ester in Carotid Atherosclerosis by 1H-MR Spectroscopy in Humans. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 1277-1284.	2.3	12
48	Utility of Atherosclerosis Imaging in the Evaluation of High-Density Lipoproteinâ€“Raising Therapies. <i>Current Atherosclerosis Reports</i> , 2011, 13, 277-284.	2.0	10
49	Safety of CETP inhibition. <i>Current Opinion in Lipidology</i> , 2012, 23, 518-524.	1.2	10
50	Comparison of In Vivo Carotid 3.0-T Magnetic Resonance to B-Mode Ultrasound Imaging and Histology in a Porcine Model. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 744-750.	2.3	8
51	Outcomes assessment in the SPRINT multicenter tibial fracture trial: Adjudication committee size has trivial effect on trial results. <i>Journal of Clinical Epidemiology</i> , 2011, 64, 1023-1033.	2.4	8
52	Increasing the Spatial Resolution of 3T Carotid MRI Has No Beneficial Effect for Plaque Component Measurement Reproducibility. <i>PLoS ONE</i> , 2015, 10, e0130878.	1.1	8
53	Clinical, Functional, and Mental Health Outcomes in Kidney Transplant Recipients 3 Months After a Diagnosis of COVID-19. <i>Transplantation</i> , 2022, 106, 1012-1023.	0.5	8
54	Pitfalls when comparing COVID-19-related outcomes across studiesâ€“lessons learnt from the ERACODA collaboration. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, i14-i20.	1.4	7

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55	Renin-Angiotensin System Blockers and the Risk of COVID-19-Related Mortality in Patients with Kidney Failure. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 1061-1072.	2.2	7
56	Manual versus Automated Carotid Artery Plaque Component Segmentation in High and Lower Quality 3.0 Tesla MRI Scans. <i>PLoS ONE</i> , 2016, 11, e0164267.	1.1	7
57	Recovery of dialysis patients with COVID-19: health outcomes 3 months after diagnosis in ERACODA. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 1140-1151.	0.4	7
58	Measuring myocardial fatty acid metabolism with BMIPP SPECT. <i>Nature Reviews Cardiology</i> , 2010, 7, 672-673.	6.1	4
59	Targeting Trained Innate Immunity With Nanobiologics to Treat Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1839-1850.	1.1	4
60	Endothelial shear stress estimation in the human carotid artery based on Womersley versus Poiseuille flow. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 585-593.	0.7	3
61	Unique Renal Manifestation of Type I Cryoglobulinemia, With Massive Crystalloid Deposits in Glomerular Histiocytes, Podocytes, and Endothelial Cells. <i>American Journal of Clinical Pathology</i> , 2016, 145, 282-285.	0.4	3
62	Clinical triage of patients on kidney replacement therapy presenting with COVID-19: an ERACODA registry analysis. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 2308-2320.	0.4	3
63	The Value of Screening for Carotid Plaque in Patients Referred for Echocardiography. <i>Canadian Journal of Cardiology</i> , 2014, 30, 1148-1149.	0.8	1
64	Does Participation in a Randomized Clinical Trial Change Outcomes? An Evaluation of Patients Not Enrolled in the SPRINT Trial. <i>Journal of Orthopaedic Trauma</i> , 2016, 30, 156-161.	0.7	1
65	Imaging Tropoelastin in Atherosclerosis. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e008147.	1.3	1
66	Atherosclerosis and Diabetic Nephropathy. , 2019, , 357-372.		1
67	Tu-P9:367 Optimization of ultrasound brachial endothelial function. <i>Atherosclerosis Supplements</i> , 2006, 7, 265.	1.2	0
68	We-P14:444 Consumption of a polyphenol-rich grape extract improves the cardiovascular risk profile of healthy males. <i>Atherosclerosis Supplements</i> , 2006, 7, 444-445.	1.2	0
69	FC008: Sex Difference in COVID-19 Mortality Risk among Patients on Kidney Function Replacement Therapy. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.4	0
70	MO495: A Comparative Study of Patient Mortality During First and Second Waves of Covid-19 Pandemic in Dialysis Patients and Kidney Transplant Recipients. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.4	0
71	MO899: The Clinical frailty Scale is Useful for ICU Triage in Dialysis Patients With COVID-19-Related An Eracoda Analysis. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.4	0