

Siroon Bekkering

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,116
citations

331642

21
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395678

33
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44
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docs citations

44
times ranked

4417
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutaminolysis and Fumarate Accumulation Integrate Immunometabolic and Epigenetic Programs in Trained Immunity. <i>Cell Metabolism</i> , 2016, 24, 807-819.	16.2	584
2	Metabolic Induction of Trained Immunity through the Mevalonate Pathway. <i>Cell</i> , 2018, 172, 135-146.e9.	28.9	485
3	Oxidized Phospholipids on Lipoprotein(a) Elicit Arterial Wall Inflammation and an Inflammatory Monocyte Response in Humans. <i>Circulation</i> , 2016, 134, 611-624.	1.6	396
4	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , 2021, 22, 2-6.	14.5	274
5	<i>In Vitro</i> Experimental Model of Trained Innate Immunity in Human Primary Monocytes. <i>Vaccine Journal</i> , 2016, 23, 926-933.	3.1	239
6	Innate immune cell activation and epigenetic remodeling in symptomatic and asymptomatic atherosclerosis in humans in vivo. <i>Atherosclerosis</i> , 2016, 254, 228-236.	0.8	163
7	Treatment with Statins Does Not Revert Trained Immunity in Patients with Familial Hypercholesterolemia. <i>Cell Metabolism</i> , 2019, 30, 1-2.	16.2	130
8	Trained Innate Immunity as a Novel Mechanism Linking Infection and the Development of Atherosclerosis. <i>Circulation Research</i> , 2018, 122, 664-669.	4.5	107
9	Effects of oral butyrate supplementation on inflammatory potential of circulating peripheral blood mononuclear cells in healthy and obese males. <i>Scientific Reports</i> , 2019, 9, 775.	3.3	87
10	Remnant Cholesterol Elicits Arterial Wall Inflammation and a Multilevel Cellular Immune Response in Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 969-975.	2.4	85
11	Long-term activation of the innate immune system in atherosclerosis. <i>Seminars in Immunology</i> , 2016, 28, 384-393.	5.6	75
12	Plasma cholesteryl ester transfer protein is predominantly derived from Kupffer cells. <i>Hepatology</i> , 2015, 62, 1710-1722.	7.3	60
13	The Epigenetic Memory of Monocytes and Macrophages as a Novel Drug Target in Atherosclerosis. <i>Clinical Therapeutics</i> , 2015, 37, 914-923.	2.5	52
14	Monocyte and haematopoietic progenitor reprogramming as common mechanism underlying chronic inflammatory and cardiovascular diseases. <i>European Heart Journal</i> , 2018, 39, 3521-3527.	2.2	44
15	Immunometabolism orchestrates training of innate immunity in atherosclerosis. <i>Cardiovascular Research</i> , 2019, 115, 1416-1424.	3.8	44
16	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.	3.8	43
17	Prosaposin mediates inflammation in atherosclerosis. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	42
18	In vitro induction of trained immunity in adherent human monocytes. <i>STAR Protocols</i> , 2021, 2, 100365.	1.2	42

#	ARTICLE	IF	CITATIONS
19	Another look at the life of a neutrophil. <i>World Journal of Hematology</i> , 2013, 2, 44.	0.1	31
20	BCG lowers plasma cholesterol levels and delays atherosclerotic lesion progression in mice. <i>Atherosclerosis</i> , 2016, 251, 6-14.	0.8	27
21	Reprogramming of bone marrow myeloid progenitor cells in patients with severe coronary artery disease. <i>ELife</i> , 2020, 9, .	6.0	23
22	Trained Immunity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 55-61.	2.4	21
23	Innate immune cells in the pathophysiology of calcific aortic valve disease: lessons to be learned from atherosclerotic cardiovascular disease?. <i>Basic Research in Cardiology</i> , 2022, 117, 28.	5.9	9
24	Trained innate immunity as a mechanistic link between sepsis and atherosclerosis. <i>Critical Care</i> , 2014, 18, 645.	5.8	8
25	Early life infection and proinflammatory, atherogenic metabolomic and lipidomic profiles in infancy: a population-based cohort study. <i>ELife</i> , 2022, 11, .	6.0	8
26	Postnatal inflammation following intrauterine inflammation exacerbates the development of atherosclerosis in ApoE ^{-/-} mice. <i>Clinical Science</i> , 2019, 133, 1185-1196.	4.3	7
27	Childhood infection may mediate the relationship between suboptimal intrauterine growth, preterm birth, and adult cardiovascular disease. <i>European Heart Journal</i> , 2019, 40, 3273-3274.	2.2	4
28	Modest decrease in severity of obesity in adolescence associates with low arterial stiffness. <i>Atherosclerosis</i> , 2021, 335, 23-30.	0.8	4
29	Postnatal inflammation in ApoE ^{-/-} mice is associated with immune training and atherosclerosis. <i>Clinical Science</i> , 2021, 135, 1859-1871.	4.3	3
30	Viruses and cardiovascular disease: from bad to worse. , 2022, 1, 601-602.		3
31	Trained Innate Immunity and Atherosclerosis. <i>Clinical Therapeutics</i> , 2014, 36, e3.	2.5	2
32	Decreasing severity of obesity from early to late adolescence and young adulthood associates with longitudinal metabolomic changes implicated in lower cardiometabolic disease risk. <i>International Journal of Obesity</i> , 2022, 46, 646-654.	3.4	2
33	Innate immune cell activation in symptomatic and asymptomatic atherosclerosis in humans in vivo. <i>Atherosclerosis</i> , 2016, 252, e256.	0.8	1
34	OxLDL induces long-term pro-inflammatory cytokine production and foam cell formation via epigenetic reprogramming of monocytes. <i>Atherosclerosis</i> , 2014, 235, e40.	0.8	0
35	Bacille-calmette-guérin lowers plasma cholesterol and delays atherosclerotic lesion progression in mice. <i>Atherosclerosis</i> , 2016, 252, e180.	0.8	0
36	Inhibition of the cholesterol synthesis pathway prevents trained innate immunity. <i>Atherosclerosis</i> , 2016, 252, e243.	0.8	0

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37	CCR2 expression on monocytes is associated with arterial wall inflammation assessed by 18F-FDG PET/CT. <i>Atherosclerosis</i> , 2017, 263, e88.	0.8	0
38	Oxidized phospholipids on lipoprotein(a) induce epigenetic reprogramming and an increased pro-atherogenic response in human monocytes. <i>Atherosclerosis</i> , 2017, 263, e28.	0.8	0
39	Persistent monocyte activation in patients with elevated LDL cholesterol levels during statin treatment. <i>Atherosclerosis</i> , 2018, 275, e2-e3.	0.8	0
40	Identification of the key molecular events triggered by lipoprotein (a) in peripheral monocytes. <i>Atherosclerosis</i> , 2018, 275, e4.	0.8	0
41	Trained immunity by oxidized low-density lipoprotein is defined by reprogramming of glycolytic metabolism in human monocytes. <i>Atherosclerosis</i> , 2018, 275, e5-e6.	0.8	0