

# Maarten Hulsmans

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

4,515  
citations

218381

26  
h-index

360668

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

7497  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophages Facilitate Electrical Conduction in the Heart. <i>Cell</i> , 2017, 169, 510-522.e20.	13.5	703
2	The human heart contains distinct macrophage subsets with divergent origins and functions. <i>Nature Medicine</i> , 2018, 24, 1234-1245.	15.2	439
3	Proliferation and Recruitment Contribute to Myocardial Macrophage Expansion in Chronic Heart Failure. <i>Circulation Research</i> , 2016, 119, 853-864.	2.0	318
4	Cardiac macrophages promote diastolic dysfunction. <i>Journal of Experimental Medicine</i> , 2018, 215, 423-440.	4.2	314
5	MicroRNA-containing microvesicles regulating inflammation in association with atherosclerotic disease. <i>Cardiovascular Research</i> , 2013, 100, 7-18.	1.8	277
6	MicroRNAs regulating oxidative stress and inflammation in relation to obesity and atherosclerosis. <i>FASEB Journal</i> , 2011, 25, 2515-2527.	0.2	214
7	The vicious circle between oxidative stress and inflammation in atherosclerosis. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 70-78.	1.6	211
8	Monocyte and macrophage contributions to cardiac remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 93, 149-155.	0.9	210
9	Targeting Interleukin-1 $\beta$ Reduces Leukocyte Production After Acute Myocardial Infarction. <i>Circulation</i> , 2015, 132, 1880-1890.	1.6	200
10	RNAi targeting multiple cell adhesion molecules reduces immune cell recruitment and vascular inflammation after myocardial infarction. <i>Science Translational Medicine</i> , 2016, 8, 342ra80.	5.8	169
11	Myocardial Infarction Activates CCR2+ Hematopoietic Stem and Progenitor Cells. <i>Cell Stem Cell</i> , 2015, 16, 477-487.	5.2	168
12	Ibrutinib-Mediated Atrial Fibrillation Attributable to Inhibition of C-Terminal Src Kinase. <i>Circulation</i> , 2020, 142, 2443-2455.	1.6	121
13	Mitochondrial Reactive Oxygen Species and Risk of Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2012, 14, 264-276.	2.0	115
14	Tissue-Specific Macrophage Responses to Remote Injury Impact the Outcome of Subsequent Local Immune Challenge. <i>Immunity</i> , 2019, 51, 899-914.e7.	6.6	110
15	Decreased miR-181a Expression in Monocytes of Obese Patients Is Associated with the Occurrence of Metabolic Syndrome and Coronary Artery Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1213-E1218.	1.8	106
16	Nanoparticle-encapsulated siRNAs for gene silencing in the haematopoietic stem-cell niche. <i>Nature Biomedical Engineering</i> , 2020, 4, 1076-1089.	11.6	80
17	Decrease of miR-146b-5p in Monocytes during Obesity Is Associated with Loss of the Anti-Inflammatory but Not Insulin Signaling Action of Adiponectin. <i>PLoS ONE</i> , 2012, 7, e32794.	1.1	76
18	Cerebrospinal fluid can exit into the skull bone marrow and instruct cranial hematopoiesis in mice with bacterial meningitis. <i>Nature Neuroscience</i> , 2022, 25, 567-576.	7.1	72

#	ARTICLE	IF	CITATIONS
19	Interleukin-1 Receptor-Associated Kinase-3 Is a Key Inhibitor of Inflammation in Obesity and Metabolic Syndrome. <i>PLoS ONE</i> , 2012, 7, e30414.	1.1	70
20	Biomechanical factors and macrophages in plaque stability. <i>Cardiovascular Research</i> , 2013, 99, 284-293.	1.8	65
21	Stevioside inhibits atherosclerosis by improving insulin signaling and antioxidant defense in obese insulin-resistant mice. <i>International Journal of Obesity</i> , 2010, 34, 569-577.	1.6	64
22	Acute mental stress drives vascular inflammation and promotes plaque destabilization in mouse atherosclerosis. <i>European Heart Journal</i> , 2021, 42, 4077-4088.	1.0	58
23	Glucocorticoids Regulate Bone Marrow B Lymphopoiesis After Stroke. <i>Circulation Research</i> , 2019, 124, 1372-1385.	2.0	50
24	Heart Failure With Preserved Ejection Fraction Induces Beiging in Adipose Tissue. <i>Circulation: Heart Failure</i> , 2016, 9, e002724.	1.6	49
25	MicroRNAs as Early Biomarkers in Obesity and Related Metabolic and Cardiovascular Diseases. <i>Current Pharmaceutical Design</i> , 2013, 19, 5704-5717.	0.9	41
26	B lymphocyte-derived acetylcholine limits steady-state and emergency hematopoiesis. <i>Nature Immunology</i> , 2022, 23, 605-618.	7.0	33
27	Neutrophils incite and macrophages avert electrical storm after myocardial infarction. , 2022, 1, 649-664.		33
28	PPAR Agonist-Induced Reduction of Mcp1 in Atherosclerotic Plaques of Obese, Insulin-Resistant Mice Depends on Adiponectin-Induced Irak3 Expression. <i>PLoS ONE</i> , 2013, 8, e62253.	1.1	30
29	Diminished Reactive Hematopoiesis and Cardiac Inflammation in a Mouse Model of Recurrent Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2020, 75, 901-915.	1.2	28
30	Low cytochrome oxidase 411 links mitochondrial dysfunction to obesity and type 2 diabetes in humans and mice. <i>International Journal of Obesity</i> , 2015, 39, 1254-1263.	1.6	24
31	A Supramolecular Nanocarrier for Delivery of Amiodarone Anti-Arrhythmic Therapy to the Heart. <i>Bioconjugate Chemistry</i> , 2019, 30, 733-740.	1.8	24
32	A Miniaturized, Programmable Pacemaker for Long-Term Studies in the Mouse. <i>Circulation Research</i> , 2018, 123, 1208-1219.	2.0	18
33	Low Cytochrome Oxidase 1 Links Mitochondrial Dysfunction to Atherosclerosis in Mice and Pigs. <i>PLoS ONE</i> , 2017, 12, e0170307.	1.1	10
34	Fluorescence microscopy tensor imaging representations for large-scale dataset analysis. <i>Scientific Reports</i> , 2020, 10, 5632.	1.6	7
35	Proliferative, degradative smooth muscle cells promote aortic disease. <i>Journal of Clinical Investigation</i> , 2020, 130, 1096-1098.	3.9	7
36	Smad3 Cranks Up the Appetite of Infarct Macrophages. <i>Circulation Research</i> , 2019, 125, 71-73.	2.0	1