

# Claudia Monaco

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58  
papers

4,281  
citations

30  
h-index

65  
g-index

65  
ext. papers

5,159  
ext. citations

8.4  
avg, IF

5.28  
L-index

#	Paper	IF	Citations
58	Interferon regulatory factor-5-dependent CD11c+ macrophages contribute to the formation of rupture-prone atherosclerotic plaques.. <i>European Heart Journal</i> , <b>2022</b> ,	9.5	1
57	Therapeutic strategies targeting inflammation and immunity in atherosclerosis: how to proceed?. <i>Nature Reviews Cardiology</i> , <b>2022</b> ,	14.8	10
56	C-type lectin receptor CLEC4A2 promotes tissue adaptation of macrophages and protects against atherosclerosis.. <i>Nature Communications</i> , <b>2022</b> , 13, 215	17.4	3
55	Immunometabolic factors in adolescent chronic disease are associated with Th1 skewing of invariant Natural Killer T cells. <i>Scientific Reports</i> , <b>2021</b> , 11, 20082	4.9	
54	CD200 Limits Monopoiesis and Monocyte Recruitment in Atherosclerosis. <i>Circulation Research</i> , <b>2021</b> , 129, 280-295	15.7	3
53	The changing landscape of the vulnerable plaque: a call for fine-tuning of preclinical models. <i>Vascular Pharmacology</i> , <b>2021</b> , 141, 106924	5.9	1
52	The aorta can act as a site of naïve CD4+ T-cell priming. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 306-316	9.9	20
51	The Potential for Repurposing Anti-TNF as a Therapy for the Treatment of COVID-19. <i>Med</i> , <b>2020</b> , 1, 90-102	12.7	51
50	ROS-producing immature neutrophils in giant cell arteritis are linked to vascular pathologies. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	14
49	Meta-Analysis of Leukocyte Diversity in Atherosclerotic Mouse Aortas. <i>Circulation Research</i> , <b>2020</b> , 127, 402-426	15.7	91
48	Glucocorticoid-induced tumour necrosis factor receptor family-related protein (GITR) drives atherosclerosis in mice and is associated with an unstable plaque phenotype and cerebrovascular events in humans. <i>European Heart Journal</i> , <b>2020</b> , 41, 2938-2948	9.5	11
47	Structure-preserving visualisation of high dimensional single-cell datasets. <i>Scientific Reports</i> , <b>2019</b> , 9, 8914	4.9	25
46	Toll-like Receptor 3 Is a Therapeutic Target for Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 199-210	10.2	39
45	Imaging vulnerable plaques by targeting inflammation in atherosclerosis using fluorescent-labeled dual-ligand microparticles of iron oxide and magnetic resonance imaging. <i>Journal of Vascular Surgery</i> , <b>2018</b> , 67, 1571-1583.e3	3.5	14
44	Activation of the Immune-Metabolic Receptor GPR84 Enhances Inflammation and Phagocytosis in Macrophages. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1419	8.4	51
43	Immune cell census in murine atherosclerosis: cytometry by time of flight illuminates vascular myeloid cell diversity. <i>Cardiovascular Research</i> , <b>2018</b> , 114, 1360-1371	9.9	74
42	The Role of Metabolite-Sensing G Protein-Coupled Receptors in Inflammation and Metabolic Disease. <i>Antioxidants and Redox Signaling</i> , <b>2018</b> , 29, 237-256	8.4	6

41	O1 SINGLE CELL CHARACTERISATION OF ABDOMIAL AORTIC ANEURYSMS BY MASS CYTOMETRY (CYTOF) REVEALS A CHRONIC INFLAMMATORY CELL INFILTRATE PREDOMINATED BY T AND B CELLS. <i>Cardiovascular Research</i> , <b>2018</b> , 114, S1-S1	9.9	
40	Functional diversity of macrophages in vascular biology and disease. <i>Vascular Pharmacology</i> , <b>2017</b> , 99, 13-22	5.9	10
39	Receptor structure-based discovery of non-metabolite agonists for the succinate receptor GPR91. <i>Molecular Metabolism</i> , <b>2017</b> , 6, 1585-1596	8.8	25
38	Interferon Regulatory Factor 5 Controls Necrotic Core Formation in Atherosclerotic Lesions by Impairing Efferocytosis. <i>Circulation</i> , <b>2017</b> , 136, 1140-1154	16.7	52
37	Deuterium-reinforced polyunsaturated fatty acids protect against atherosclerosis by lowering lipid peroxidation and hypercholesterolemia. <i>Atherosclerosis</i> , <b>2017</b> , 264, 100-107	3.1	23
36	Anti-TNF Therapy <b>2017</b> , 637-648		4
35	Anti-TNF Therapy. <i>Microbiology Spectrum</i> , <b>2016</b> , 4,	8.9	34
34	Multi-analyte profiling in human carotid atherosclerosis uncovers pro-inflammatory macrophage programming in plaques. <i>Thrombosis and Haemostasis</i> , <b>2016</b> , 115, 1064-72	7	13
33	B regulatory cells are increased in hypercholesterolaemic mice and protect from lesion development via IL-10. <i>Thrombosis and Haemostasis</i> , <b>2015</b> , 114, 835-47	7	48
32	Indoleamine 2,3-dioxygenase-1 is protective in atherosclerosis and its metabolites provide new opportunities for drug development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 13033-8	11.5	68
31	Dominant Suppression of Inflammation via Targeted Mutation of the mRNA Destabilizing Protein Tristetraprolin. <i>Journal of Immunology</i> , <b>2015</b> , 195, 265-76	5.3	60
30	Anti-TNF therapy: past, present and future. <i>International Immunology</i> , <b>2015</b> , 27, 55-62	4.9	294
29	Anti-apoA-1 auto-antibodies increase mouse atherosclerotic plaque vulnerability, myocardial necrosis and mortality triggering TLR2 and TLR4. <i>Thrombosis and Haemostasis</i> , <b>2015</b> , 114, 410-22	7	33
28	Interleukin-6 and microRNA profiles induced by oral bacteria in human atheroma derived and healthy smooth muscle cells. <i>SpringerPlus</i> , <b>2015</b> , 4, 206		5
27	Low shear stress induces M1 macrophage polarization in murine thin-cap atherosclerotic plaques. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 89, 168-72	5.8	26
26	Stimulation of the $\alpha 7$ nicotinic acetylcholine receptor protects against neuroinflammation after tibia fracture and endotoxemia in mice. <i>Molecular Medicine</i> , <b>2015</b> , 20, 667-75	6.2	55
25	Macrophages and dendritic cells: the usual suspects in atherogenesis. <i>Current Drug Targets</i> , <b>2015</b> , 16, 373-82	3	5
24	Role of inflammatory cells and toll-like receptors in atherosclerosis. <i>Current Vascular Pharmacology</i> , <b>2015</b> , 13, 146-60	3.3	22

23	Toll-like receptors in atherosclerosis: a Pandora's box of advances and controversies. <i>Trends in Pharmacological Sciences</i> , <b>2013</b> , 34, 629-36	13.2	49
22	Toll-like receptors in atherosclerosis. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 14008-23	6.3	75
21	Toll-like receptors and macrophage activation in atherosclerosis. <i>Clinica Chimica Acta</i> , <b>2012</b> , 413, 3-14	6.2	72
20	Toll-like receptor 7 protects from atherosclerosis by constraining "inflammatory" macrophage activation. <i>Circulation</i> , <b>2012</b> , 126, 952-62	16.7	73
19	The tolls and dangers of atherosclerotic disease. <i>Current Pharmaceutical Biotechnology</i> , <b>2012</b> , 13, 77-87	2.6	5
18	Targeting inflammation as a therapeutic strategy in accelerated atherosclerosis in rheumatoid arthritis. <i>Cardiovascular Therapeutics</i> , <b>2011</b> , 29, 231-42	3.3	19
17	Resolving postoperative neuroinflammation and cognitive decline. <i>Annals of Neurology</i> , <b>2011</b> , 70, 986-995	9.4	362
16	Toll-like receptor signaling: common pathways that drive cardiovascular disease and rheumatoid arthritis. <i>Arthritis Care and Research</i> , <b>2011</b> , 63, 500-11	4.7	24
15	Late-phase contrast-enhanced ultrasound reflects biological features of instability in human carotid atherosclerosis. <i>Stroke</i> , <b>2011</b> , 42, 3634-6	6.7	33
14	Unexpected protective role for Toll-like receptor 3 in the arterial wall. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 2372-7	11.5	134
13	Treating atherosclerosis: the potential of Toll-like receptors as therapeutic targets. <i>Expert Review of Cardiovascular Therapy</i> , <b>2010</b> , 8, 1619-35	2.5	33
12	Tumor necrosis factor-alpha triggers a cytokine cascade yielding postoperative cognitive decline. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 20518-22	11.5	466
11	Role of interleukin-1beta in postoperative cognitive dysfunction. <i>Annals of Neurology</i> , <b>2010</b> , 68, 360-8	9.4	484
10	Toll-like receptor-2 mediates inflammation and matrix degradation in human atherosclerosis. <i>Circulation</i> , <b>2009</b> , 120, 2462-9	16.7	122
9	The inextricable link between atherosclerosis and prototypical inflammatory diseases rheumatoid arthritis and systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , <b>2009</b> , 11, 217	5.7	74
8	What causes acute coronary syndromes? Applying Koch's postulates. <i>Atherosclerosis</i> , <b>2005</b> , 179, 1-15	3.1	24
7	Persistent systemic inflammation in unstable angina is largely unrelated to the atherothrombotic burden. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 45, 238-43	15.1	24
6	T-cell-mediated signalling in immune, inflammatory and angiogenic processes: the cascade of events leading to inflammatory diseases. <i>Inflammation and Allergy: Drug Targets</i> , <b>2004</b> , 3, 35-42		101

5	Nuclear factor kappaB: a potential therapeutic target in atherosclerosis and thrombosis. <i>Cardiovascular Research</i> , <b>2004</b> , 61, 671-82	9.9	162
4	Canonical pathway of nuclear factor kappa B activation selectively regulates proinflammatory and prothrombotic responses in human atherosclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 5634-9	11.5	251
3	T cell-mediated signaling to vascular endothelium: induction of cytokines, chemokines, and tissue factor. <i>Journal of Leukocyte Biology</i> , <b>2002</b> , 71, 659-68	6.5	31
2	Elevated levels of interleukin-6 in unstable angina. <i>Circulation</i> , <b>1996</b> , 94, 874-7	16.7	459
1	A blood atlas of COVID-19 defines hallmarks of disease severity and specificity		4