

# Jyoti Patel

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

513  
citations

759233

12  
h-index

713466

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1073  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thymosin $\beta$ 4 protects against aortic aneurysm via endocytic regulation of growth factor signaling. Journal of Clinical Investigation, 2021, 131, .	8.2	15
2	Isolation and culture of murine bone marrow-derived macrophages for nitric oxide and redox biology. Nitric Oxide - Biology and Chemistry, 2020, 100-101, 17-29.	2.7	37
3	Regulatory pathways governing murine coronary vessel formation are dysregulated in the injured adult heart. Nature Communications, 2019, 10, 3276.	12.8	16
4	The gut microbiome: a novel cardio-metabolic target?. Cardiovascular Research, 2019, 115, e82-e84.	3.8	2
5	Highlights of AHA Scientific Sessions 2018: a report from the Scientists of Tomorrow. Cardiovascular Research, 2019, , .	3.8	1
6	B $\alpha$ ...Thymosin $\beta$ 4 â€“ a novel regulator of low density lipoprotein receptor related protein 1 (LRP1) in vascular disease. , 2019, , .		0
7	Improved cellular uptake of perfluorocarbon nanoparticles for in vivo murine cardiac 19F MRS/MRI and temporal tracking of progenitor cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 18, 391-401.	3.3	9
8	Vascular wall regulator of G-protein signalling-1 (RGS-1) is required for angiotensin IIâ€“mediated blood pressure control. Vascular Pharmacology, 2018, 108, 15-22.	2.1	13
9	Roles for endothelial cell and macrophage Gch1 and tetrahydrobiopterin in atherosclerosis progression. Cardiovascular Research, 2018, 114, 1385-1399.	3.8	38
10	Therapeutic Approaches Targeting Inflammation in Cardiovascular Disorders. Biology, 2018, 7, 49.	2.8	22
11	Endothelial Cell Tetrahydrobiopterin Modulates Sensitivity to Ang (Angiotensin) IIâ€“Induced Vascular Remodeling, Blood Pressure, and Abdominal Aortic Aneurysm. Hypertension, 2018, 72, 128-138.	2.7	22
12	Effect of irradiation and bone marrow transplantation on angiotensin II-induced aortic inflammation in ApoE knockout mice. Atherosclerosis, 2018, 276, 74-82.	0.8	15
13	Tracking Monocyte Recruitment and Macrophage Accumulation in Atherosclerotic Plaque Progression Using a Novel hCD68GFP/ApoE <sup>+</sup> /âˆ“ Reporter Mouseâ€“Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 258-263.	2.4	22
14	IL-10 reprogramming of metabolism in macrophages through mitophagy. Cardiovascular Research, 2017, 113, e40-e41.	3.8	2
15	Leukocyte Trafficking in Cardiovascular Disease: Insights from Experimental Models. Mediators of Inflammation, 2017, 2017, 1-9.	3.0	38
16	Hydrodynamic Gene Delivery of CC Chemokine Binding Fc Fusion Proteins to Target Acute Vascular Inflammation In Vivo. Scientific Reports, 2015, 5, 17404.	3.3	5
17	RGS1 regulates myeloid cell accumulation in atherosclerosis and aortic aneurysm rupture through altered chemokine signalling. Nature Communications, 2015, 6, 6614.	12.8	56
18	Tetrahydrobiopterin and alkylglycerol monooxygenase substantially alter the murine macrophage lipidome. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2431-2436.	7.1	50

#	ARTICLE	IF	CITATIONS
19	Regulation of iNOS function and cellular redox state by macrophage Gch1 reveals specific requirements for tetrahydrobiopterin in NRF2 activation. Free Radical Biology and Medicine, 2015, 79, 206-216.	2.9	115
20	Contrasting in vitro vs. in vivo effects of a cell membrane-specific CC-chemokine binding protein on macrophage chemotaxis. Journal of Molecular Medicine, 2014, 92, 1169-1178.	3.9	5
21	Abstract 149: Regulator of G-Protein Signaling-1 Modulates Leukocyte Trafficking in Atherosclerosis and Aortic Aneurysm Formation Through Chemokine Receptor Desensitization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	2.4	0
22	Abstract 485: Effect of Bone Marrow Transplantation on Aortic Inflammatory Disease and Accelerated Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	2.4	0
23	The Downstream Regulation of Chemokine Receptor Signalling: Implications for Atherosclerosis. Mediators of Inflammation, 2013, 2013, 1-12.	3.0	29