

# 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	Regulation of iNOS function and cellular redox state by macrophage Gch1 reveals specific requirements for tetrahydrobiopterin in NRF2 activation. <i>Free Radical Biology and Medicine</i> , 2015, 79, 206-216.	2.9	115
2	RGS1 regulates myeloid cell accumulation in atherosclerosis and aortic aneurysm rupture through altered chemokine signalling. <i>Nature Communications</i> , 2015, 6, 6614.	12.8	56
3	Tetrahydrobiopterin and alkylglycerol monooxygenase substantially alter the murine macrophage lipidome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2431-2436.	7.1	50
4	Leukocyte Trafficking in Cardiovascular Disease: Insights from Experimental Models. <i>Mediators of Inflammation</i> , 2017, 2017, 1-9.	3.0	38
5	Roles for endothelial cell and macrophage Gch1 and tetrahydrobiopterin in atherosclerosis progression. <i>Cardiovascular Research</i> , 2018, 114, 1385-1399.	3.8	38
6	Isolation and culture of murine bone marrow-derived macrophages for nitric oxide and redox biology. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 100-101, 17-29.	2.7	37
7	The Downstream Regulation of Chemokine Receptor Signalling: Implications for Atherosclerosis. <i>Mediators of Inflammation</i> , 2013, 2013, 1-12.	3.0	29
8	Tracking Monocyte Recruitment and Macrophage Accumulation in Atherosclerotic Plaque Progression Using a Novel hCD68GFP/ApoE <sup>+</sup> Reporter Mouse. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 258-263.	2.4	22
9	Therapeutic Approaches Targeting Inflammation in Cardiovascular Disorders. <i>Biology</i> , 2018, 7, 49.	2.8	22
10	Endothelial Cell Tetrahydrobiopterin Modulates Sensitivity to Ang (Angiotensin) Induced Vascular Remodeling, Blood Pressure, and Abdominal Aortic Aneurysm. <i>Hypertension</i> , 2018, 72, 128-138.	2.7	22
11	Regulatory pathways governing murine coronary vessel formation are dysregulated in the injured adult heart. <i>Nature Communications</i> , 2019, 10, 3276.	12.8	16
12	Effect of irradiation and bone marrow transplantation on angiotensin II-induced aortic inflammation in ApoE knockout mice. <i>Atherosclerosis</i> , 2018, 276, 74-82.	0.8	15
13	Thymosin $\beta$ 4 protects against aortic aneurysm via endocytic regulation of growth factor signaling. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	15
14	Vascular wall regulator of G-protein signalling-1 (RGS-1) is required for angiotensin II-mediated blood pressure control. <i>Vascular Pharmacology</i> , 2018, 108, 15-22.	2.1	13
15	Improved cellular uptake of perfluorocarbon nanoparticles for in vivo murine cardiac 19F MRS/MRI and temporal tracking of progenitor cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 18, 391-401.	3.3	9
16	Contrasting in vitro vs. in vivo effects of a cell membrane-specific CC-chemokine binding protein on macrophage chemotaxis. <i>Journal of Molecular Medicine</i> , 2014, 92, 1169-1178.	3.9	5
17	Hydrodynamic Gene Delivery of CC Chemokine Binding Fc Fusion Proteins to Target Acute Vascular Inflammation In Vivo. <i>Scientific Reports</i> , 2015, 5, 17404.	3.3	5
18	IL-10 reprogramming of metabolism in macrophages through mitophagy. <i>Cardiovascular Research</i> , 2017, 113, e40-e41.	3.8	2

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19	The gut microbiome: a novel cardio-metabolic target?. Cardiovascular Research, 2019, 115, e82-e84.	3.8	2
20	Highlights of AHA Scientific Sessions 2018: a report from the Scientists of Tomorrow. Cardiovascular Research, 2019, , .	3.8	1
21	Bâ€...Thymosin Î²4 â€“ a novel regulator of low density lipoprotein receptor related protein 1 (LRP1) in vascular disease. , 2019, , .		0
22	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
23	Abstract 485: Effect of Bone Marrow Transplantation on Aortic Inflammatory Disease and Accelerated Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	2.4	0