Meena S Madhur

List of Publications by Year
in descending order

49 papers	6,231 citations	249298 26 h-index	274796 44 g-index
50 all docs	50 docs citations	50 times ranked	9696 citing authors

#	Article	IF	Citations
1	Tissue Sodium in Patients With Early Stage Hypertension: A Randomized Controlled Trial. Journal of the American Heart Association, 2022, 11, e022723.	1.6	7
2	ROCK2 Specific Inhibition Attenuates DOCA Saltâ€Induced Cardiac Fibrosis and Renal T Cell Infiltration. FASEB Journal, 2022, 36, .	0.2	0
3	Single Cell Sequencing of Myeloid Cells in Human Hypertension. FASEB Journal, 2022, 36, .	0.2	0
4	Class switching and high-affinity immunoglobulin G production by B cells is dispensable for the development of hypertension in mice. Cardiovascular Research, 2021, 117, 1217-1228.	1.8	8
5	Interleukin 17A: Key Player in the Pathogenesis of Hypertension and a Potential Therapeutic Target. Current Hypertension Reports, 2021, 23, 13.	1.5	26
6	Hypertension. Circulation Research, 2021, 128, 908-933.	2.0	95
7	Anticytomegalovirus CD4 + T Cells Are Associated With Subclinical Atherosclerosis in Persons With HIV. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1459-1473.	1.1	7
8	Predicting susceptibility to SARSâ€CoVâ€2 infection based on structural differences in ACE2 across species. FASEB Journal, 2020, 34, 15946-15960.	0.2	44
9	Coordinate adaptations of skeletal muscle and kidney to maintain extracellular [K⁺] during K⁺-deficient diet. American Journal of Physiology - Cell Physiology, 2020, 319, C757-C770.	2.1	14
10	Highly Reactive Isolevuglandins Promote Atrial Fibrillation Caused by Hypertension. JACC Basic To Translational Science, 2020, 5, 602-615.	1.9	17
11	From Rags to Riches. Hypertension, 2020, 75, 930-934.	1.3	13
12	COVID-19 and the cardiovascular system: implications for risk assessment, diagnosis, and treatment options. Cardiovascular Research, 2020, 116, 1666-1687.	1.8	1,074
13	Macrophages Promote Aortic Valve Cell Calcification and Alter STAT3 Splicing. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e153-e165.	1.1	24
14	Human monocyte transcriptional profiling identifies ILâ€18 receptor accessory protein and lactoferrin as novel immune targets in hypertension. British Journal of Pharmacology, 2019, 176, 2015-2027.	2.7	22
15	Recent Cardiovascular Research highlights from the Americas. Cardiovascular Research, 2019, 115, e22-e23.	1.8	0
16	Adaptive immune cells in calcific aortic valve disease. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H141-H155.	1.5	47
17	Evidence for a Causal Role of the SH2B3 -Î² ₂ M Axis in Blood Pressure Regulation. Hypertension, 2019, 73, 497-503.	1.3	11
18	Critical role of IL-21 and T follicular helper cells in hypertension and vascular dysfunction. JCI Insight, 2019, 4, .	2.3	20

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19	The immunology of hypertension. Journal of Experimental Medicine, 2018, 215, 21-33.	4.2	286
20	LNK deficiency promotes acute aortic dissection and rupture. JCI Insight, 2018, 3, .	2.3	15
21	Inflammatory cytokines regulate renal sodium transporters: how, where, and why?. American Journal of Physiology - Renal Physiology, 2017, 313, F141-F144.	1.3	38
22	Status of Early-Career Academic Cardiology. Journal of the American College of Cardiology, 2017, 70, 2290-2303.	1.2	27
23	Intracellular Staining and Flow Cytometry to Identify Lymphocyte Subsets within Murine Aorta, Kidney and Lymph Nodes in a Model of Hypertension. Journal of Visualized Experiments, 2017, , .	0.2	5
24	A salt-sensing kinase in T lymphocytes, SGK1, drives hypertension and hypertensive end-organ damage. JCI Insight, 2017, 2, .	2.3	86
25	Linking inflammation and hypertension via LNK/SH2B3. Current Opinion in Nephrology and Hypertension, 2016, 25, 87-93.	1.0	33
26	Inhibition of Interleukin-17A, But Not Interleukin-17F, Signaling LowersÂBlood Pressure, and Reduces End-Organ Inflammation in Angiotensin IIâ€“Induced Hypertension. JACC Basic To Translational Science, 2016, 1, 606-616.	1.9	84
27	Interleukin-17A Regulates Renal Sodium Transporters and Renal Injury in Angiotensin IIâ€“Induced Hypertension. Hypertension, 2016, 68, 167-174.	1.3	147
28	Activation of Human T Cells in Hypertension. Hypertension, 2016, 68, 123-132.	1.3	191
29	Novel methods for microCT-based analyses of vasculature in the renal cortex reveal a loss of perfusable arterioles and glomeruli in eNOS-/- mice. BMC Nephrology, 2016, 17, 24.	0.8	33
30	CD70 Exacerbates Blood Pressure Elevation and Renal Damage in Response to Repeated Hypertensive Stimuli. Circulation Research, 2016, 118, 1233-1243.	2.0	128
31	Origin of Matrix-Producing Cells That Contribute to Aortic Fibrosis in Hypertension. Hypertension, 2016, 67, 461-468.	1.3	65
32	Renal Transporter Activation During Angiotensin-II Hypertension is Blunted in Interferon-Î³ ^{â^'/â^'} and Interleukin-17A ^{â^'/â^'} Mice. Hypertension, 2015, 65, 569-576.	1.3	166
33	Inflammation, Immunity, and Hypertensive End-Organ Damage. Circulation Research, 2015, 116, 1022-1033.	2.0	554
34	Integrative network analysis reveals molecular mechanisms of blood pressure regulation. Molecular Systems Biology, 2015, 11, 799.	3.2	102
35	National Institutes of Health Career Development Awards for CardiovascularÂPhysicianâ€“Scientists. Journal of the American College of Cardiology, 2015, 66, 1816-1827.	1.2	12
36	Lymphocyte adaptor protein LNK deficiency exacerbates hypertension and end-organ inflammation. Journal of Clinical Investigation, 2015, 125, 1189-1202.	3.9	128

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37	Immune activation caused by vascular oxidation promotes fibrosis and hypertension. Journal of Clinical Investigation, 2015, 126, 50-67.	3.9	170
38	Inflammation and Mechanical Stretch Promote Aortic Stiffening in Hypertension Through Activation of p38 Mitogen-Activated Protein Kinase. Circulation Research, 2014, 114, 616-625.	2.0	200
39	Oligoclonal CD8 ⁺ T Cells Play a Critical Role in the Development of Hypertension. Hypertension, 2014, 64, 1108-1115.	1.3	185
40	DC isoketal-modified proteins activate T cells and promote hypertension. Journal of Clinical Investigation, 2014, 124, 4642-4656.	3.9	400
41	Senescent T Cells and Hypertension. Hypertension, 2013, 62, 13-15.	1.3	17
42	CXCL16. Hypertension, 2013, 62, 1008-1010.	1.3	13
43	Lymphocyteâ€specific adaptor protein, LNK, inhibits angiotensin IIâ€induced hypertension and inflammation. FASEB Journal, 2013, 27, 708.15.	0.2	0
44	Synapses, Signals, CDs, and Cytokines. Circulation Research, 2012, 111, 1113-1116.	2.0	9
45	Inflammation, Immunity, and Hypertension. Hypertension, 2011, 57, 132-140.	1.3	718
46	Role of Interleukin 17 in Inflammation, Atherosclerosis, and Vascular Function in Apolipoprotein Eâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1565-1572.	1.1	182
47	Interleukin 17 Promotes Angiotensin IIâ€“Induced Hypertension and Vascular Dysfunction. Hypertension, 2010, 55, 500-507.	1.3	662
48	Role of the adaptive immune system in hypertension. Current Opinion in Pharmacology, 2010, 10, 203-207.	1.7	137
49	Interleukin 17 promotes atherosclerosis and protects against aneurysmal rupture. FASEB Journal, 2010, 24, 589.8.	0.2	0