Chetan P Hans

List of Publications by Year in Descending Order

26 papers	810 citations	15 h-index	27 g-index
27 ext. papers	916 ext. citations	5.8 avg, IF	3.78 L-index

#	Paper	IF	Citations
26	Siddha fasting in obese acute decompensated heart failure may improve hospital outcomes through empowerment and natural ketosis.. *Explore: the Journal of Science and Healing*, **2021**,	1.4	1
25	Interleukin 12p40 Deficiency Promotes Abdominal Aortic Aneurysm by Activating CCN2/MMP2 Pathways. *Journal of the American Heart Association*, **2021**, 10, e017633	6	6
24	Mathematical model of atherosclerotic aneurysm. *Mathematical Biosciences and Engineering*, **2021**, 18, 1465-1484	2.1	1
23	AT2R agonist NP-6A4 mitigates aortic stiffness and proteolytic activity in mouse model of aneurysm. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 7393-7404	5.6	7
22	Measurement of Pulse Propagation Velocity, Distensibility and Strain in an Abdominal Aortic Aneurysm Mouse Model. *Journal of Visualized Experiments*, **2020**,	1.6	5
21	Collagen fibril abnormalities in human and mice abdominal aortic aneurysm. *Acta Biomaterialia*, **2020**, 110, 129-140	10.8	10
20	DAPT, a potent Notch inhibitor regresses actively growing abdominal aortic aneurysm via divergent pathways. *Clinical Science*, **2020**, 134, 1555-1572	6.5	3
19	Pharmacological inhibition of Notch signaling regresses pre-established abdominal aortic aneurysm. *Scientific Reports*, **2019**, 9, 13458	4.9	15
18	Transcriptomics Analysis Reveals New Insights into the Roles of Notch1 Signaling on Macrophage Polarization. *Scientific Reports*, **2019**, 9, 7999	4.9	13
17	Deficiency of IL12p40 (Interleukin 12 p40) Promotes Ang II (Angiotensin II)-Induced Abdominal Aortic Aneurysm. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2019**, 39, 212-223	9.4	26
16	Smooth muscle cell-specific Notch1 haploinsufficiency restricts the progression of abdominal aortic aneurysm by modulating CTGF expression. *PLoS ONE*, **2017**, 12, e0178538	3.7	30
15	Ultrastructural Imaging of Collagen Fibrils in Mouse Model of Abdominal Aortic Aneurysm. *Microscopy and Microanalysis*, **2016**, 22, 1196-1197	0.5	2
14	MicroRNA miR145 regulates TGFBR2 expression and matrix synthesis in vascular smooth muscle cells. *Circulation Research*, **2015**, 116, 23-34	15.7	64
13	Pharmacological inhibitor of notch signaling stabilizes the progression of small abdominal aortic aneurysm in a mouse model. *Journal of the American Heart Association*, **2014**, 3, e001064	6	38
12	Endothelial nitric oxide signaling regulates Notch1 in aortic valve disease. *Journal of Molecular and Cellular Cardiology*, **2013**, 60, 27-35	5.8	108
11	Inhibition of Notch1 signaling reduces abdominal aortic aneurysm in mice by attenuating macrophage-mediated inflammation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 3012-23	9.4	55
10	Opposing roles of PARP-1 in MMP-9 and TIMP-2 expression and mast cell degranulation in dyslipidemic dilated cardiomyopathy. *Cardiovascular Pathology*, **2011**, 20, e57-68	3.8	18

9	Inhibitory role of Notch1 in calcific aortic valve disease. *PLoS ONE*, **2011**, 6, e27743	3.7	87
8	Thieno[2,3-c]isoquinolin-5-one, a potent poly(ADP-ribose) polymerase inhibitor, promotes atherosclerotic plaque regression in high-fat diet-fed apolipoprotein E-deficient mice: effects on inflammatory markers and lipid content. *Journal of Pharmacology and Experimental Therapeutics*, **2009**, 329, 150-8	4.7	35
7	Protective effects of PARP-1 knockout on dyslipidemia-induced autonomic and vascular dysfunction in ApoE mice: effects on eNOS and oxidative stress. *PLoS ONE*, **2009**, 4, e7430	3.7	30
6	High fat diet induces airway remodeling in ApoE deficient mice: An association with an increase in circulatory and airway inflammatory factors. *FASEB Journal*, **2009**, 23, 572.3	0.9	
5	Nuclear translocation of p65 NF-kappaB is sufficient for VCAM-1, but not ICAM-1, expression in TNF-stimulated smooth muscle cells: Differential requirement for PARP-1 expression and interaction. *Cellular Signalling*, **2008**, 20, 186-94	4.9	80
4	Differential effects of PARP inhibition on vascular cell survival and ACAT-1 expression favouring atherosclerotic plaque stability. *Cardiovascular Research*, **2008**, 78, 429-39	9.9	34
3	Poly(ADP-ribose) polymerase inhibition reduces atherosclerotic plaque size and promotes factors of plaque stability in apolipoprotein E-deficient mice: effects on macrophage recruitment, nuclear factor-kappaB nuclear translocation, and foam cell death. *Circulation*, **2007**, 115, 2442-50	16.7	81
2	Differential Effects of Aging on MCL-1 And Caspase 3 Expression in Murine Small And Large Intestine. *FASEB Journal*, **2007**, 21, A808	0.9	
1	Poly(ADP-ribose) polymerase-1 inhibition prevents eosinophil recruitment by modulating Th2 cytokines in a murine model of allergic airway inflammation: a potential specific effect on IL-5. *Journal of Immunology*, **2006**, 177, 6489-96	5.3	61