

Chetan P Hans

List of Publications by Citations

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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.

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	Endothelial nitric oxide signaling regulates Notch1 in aortic valve disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 60, 27-35	5.8	108
25	Inhibitory role of Notch1 in calcific aortic valve disease. <i>PLoS ONE</i> , 2011 , 6, e27743	3.7	87
24	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. <i>Circulation</i> , 2007 , 115, 2442-50	16.7	81
23	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. <i>Cellular Signalling</i> , 2008 , 20, 186-94	4.9	80
22	MicroRNA miR145 regulates TGFBR2 expression and matrix synthesis in vascular smooth muscle cells. <i>Circulation Research</i> , 2015 , 116, 23-34	15.7	64
21	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. <i>Journal of Immunology</i> , 2006 , 177, 6489-96	5.3	61
20	Inhibition of Notch1 signaling reduces abdominal aortic aneurysm in mice by attenuating macrophage-mediated inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 3012-23	9.4	55
19	Pharmacological inhibitor of notch signaling stabilizes the progression of small abdominal aortic aneurysm in a mouse model. <i>Journal of the American Heart Association</i> , 2014 , 3, e001064	6	38
18	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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 328, 150-8	4.7	35
17	Differential effects of PARP inhibition on vascular cell survival and ACAT-1 expression favouring atherosclerotic plaque stability. <i>Cardiovascular Research</i> , 2008 , 78, 429-39	9.9	34
16	Protective effects of PARP-1 knockout on dyslipidemia-induced autonomic and vascular dysfunction in ApoE mice: effects on eNOS and oxidative stress. <i>PLoS ONE</i> , 2009 , 4, e7430	3.7	30
15	Smooth muscle cell-specific Notch1 haploinsufficiency restricts the progression of abdominal aortic aneurysm by modulating CTGF expression. <i>PLoS ONE</i> , 2017 , 12, e0178538	3.7	30
14	Deficiency of IL12p40 (Interleukin 12 p40) Promotes Ang II (Angiotensin II)-Induced Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 212-223	9.4	26
13	Opposing roles of PARP-1 in MMP-9 and TIMP-2 expression and mast cell degranulation in dyslipidemic dilated cardiomyopathy. <i>Cardiovascular Pathology</i> , 2011 , 20, e57-68	3.8	18
12	Pharmacological inhibition of Notch signaling regresses pre-established abdominal aortic aneurysm. <i>Scientific Reports</i> , 2019 , 9, 13458	4.9	15
11	Transcriptomics Analysis Reveals New Insights into the Roles of Notch1 Signaling on Macrophage Polarization. <i>Scientific Reports</i> , 2019 , 9, 7999	4.9	13
10	Collagen fibril abnormalities in human and mice abdominal aortic aneurysm. <i>Acta Biomaterialia</i> , 2020 , 110, 129-140	10.8	10

9	AT2R agonist NP-6A4 mitigates aortic stiffness and proteolytic activity in mouse model of aneurysm. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 7393-7404	5.6	7
8	Interleukin 12p40 Deficiency Promotes Abdominal Aortic Aneurysm by Activating CCN2/MMP2 Pathways. <i>Journal of the American Heart Association</i> , 2021 , 10, e017633	6	6
7	Measurement of Pulse Propagation Velocity, Distensibility and Strain in an Abdominal Aortic Aneurysm Mouse Model. <i>Journal of Visualized Experiments</i> , 2020 ,	1.6	5
6	DAPT, a potent Notch inhibitor regresses actively growing abdominal aortic aneurysm via divergent pathways. <i>Clinical Science</i> , 2020 , 134, 1555-1572	6.5	3
5	Ultrastructural Imaging of Collagen Fibrils in Mouse Model of Abdominal Aortic Aneurysm. <i>Microscopy and Microanalysis</i> , 2016 , 22, 1196-1197	0.5	2
4	Siddha fasting in obese acute decompensated heart failure may improve hospital outcomes through empowerment and natural ketosis.. <i>Explore: the Journal of Science and Healing</i> , 2021 ,	1.4	1
3	Mathematical model of atherosclerotic aneurysm. <i>Mathematical Biosciences and Engineering</i> , 2021 , 18, 1465-1484	2.1	1
2	Differential Effects of Aging on MCL-1 And Caspase 3 Expression in Murine Small And Large Intestine. <i>FASEB Journal</i> , 2007 , 21, A808	0.9	
1	High fat diet induces airway remodeling in ApoE deficient mice: An association with an increase in circulatory and airway inflammatory factors. <i>FASEB Journal</i> , 2009 , 23, 572.3	0.9	