

# Imran N Mungrue

## List of Publications by Year in descending order

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33  
papers

2,751  
citations

361413

20  
h-index

526287

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

5092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Analysis of Proteome and Transcriptome Variation in Mouse. PLoS Genetics, 2011, 7, e1001393.	3.5	548
2	Thioredoxin-Interacting Protein. Diabetes, 2008, 57, 938-944.	0.6	295
3	CHAC1/MGC4504 Is a Novel Proapoptotic Component of the Unfolded Protein Response, Downstream of the ATF4-ATF3-CHOP Cascade. Journal of Immunology, 2009, 182, 466-476.	0.8	255
4	Cardiomyocyte overexpression of iNOS in mice results in peroxynitrite generation, heart block, and sudden death. Journal of Clinical Investigation, 2002, 109, 735-743.	8.2	220
5	Thioredoxin-interacting protein deficiency induces Akt/Bcl-2 signaling and pancreatic beta-cell mass and protects against diabetes. FASEB Journal, 2008, 22, 3581-3594.	0.5	194
6	Cardiac Function in Mice Lacking the Glucagon-Like Peptide-1 Receptor. Endocrinology, 2003, 144, 2242-2252.	2.8	182
7	Human CHAC1 Protein Degrades Glutathione, and mRNA Induction Is Regulated by the Transcription Factors ATF4 and ATF3 and a Bipartite ATF/CRE Regulatory Element. Journal of Biological Chemistry, 2015, 290, 15878-15891.	3.4	144
8	Cardiomyocyte overexpression of iNOS in mice results in peroxynitrite generation, heart block, and sudden death. Journal of Clinical Investigation, 2002, 109, 735-743.	8.2	132
9	Network for Activation of Human Endothelial Cells by Oxidized Phospholipids. Circulation Research, 2011, 109, e27-41.	4.5	117
10	nNOS at a glance: implications for brain and brawn. Journal of Cell Science, 2004, 117, 2627-2629.	2.0	94
11	Plasma Membrane Calcium ATPase Overexpression in Arterial Smooth Muscle Increases Vasomotor Responsiveness and Blood Pressure. Circulation Research, 2003, 93, 614-621.	4.5	82
12	Mechanisms of Biased $\beta$ -Arrestin-Mediated Signaling Downstream from the Cannabinoid 1 Receptor. Molecular Pharmacology, 2016, 89, 618-629.	2.3	82
13	The role of NOS in heart failure: lessons from murine genetic models. Heart Failure Reviews, 2002, 7, 407-422.	3.9	77
14	Calcineurin-independent regulation of plasma membrane $\text{Ca}^{2+}$ -ATPase-4 in the vascular smooth muscle cell cycle. American Journal of Physiology - Cell Physiology, 2003, 285, C88-C95.	4.6	49
15	ABCC6 Localizes to the Mitochondria-Associated Membrane. Circulation Research, 2012, 111, 516-520.	4.5	41
16	Effect of 9p21.3 Coronary Artery Disease Locus Neighboring Genes on Atherosclerosis in Mice. Circulation, 2012, 126, 1896-1906.	1.6	41
17	Conditional Expression of a Dominant-Negative c-Myb in Vascular Smooth Muscle Cells Inhibits Arterial Remodeling After Injury. Circulation Research, 2003, 92, 314-321.	4.5	40
18	<i>Abcc6</i> Deficiency Causes Increased Infarct Size and Apoptosis in a Mouse Cardiac Ischemia-Reperfusion Model. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2806-2812.	2.4	38

#	ARTICLE	IF	CITATIONS
19	Brain ACE2 overexpression reduces DOCA-salt hypertension independently of endoplasmic reticulum stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R370-R378.	1.8	33
20	CHAC1 Is Differentially Expressed in Normal and Cystic Fibrosis Bronchial Epithelial Cells and Regulates the Inflammatory Response Induced by <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Immunology</i> , 2018, 9, 2823.	4.8	25
21	Upregulation of LYAR induces neuroblastoma cell proliferation and survival. <i>Cell Death and Differentiation</i> , 2017, 24, 1645-1654.	11.2	15
22	The Janus Faces of iNOS. <i>Circulation Research</i> , 2003, 93, e74.	4.5	14
23	Lipase Maturation Factor 1 (Lmf1) Is Induced by Endoplasmic Reticulum Stress Through Activating Transcription Factor 6 $\pm$ (Atf6 $\pm$ ) Signaling. <i>Journal of Biological Chemistry</i> , 2014, 289, 24417-24427.	3.4	10
24	Multiple lithium-dependent Brugada syndrome unmasking events in a bipolar patient. <i>Clinical Case Reports (discontinued)</i> , 2015, 3, 14-18.	0.5	10
25	Abstract 324: Knockout of the Pro-apoptotic Er-stress Gene Chac1 in Mice Results in Embryonic Lethality and Activation of the Notch Pathway. <i>Circulation Research</i> , 2015, 117, .	4.5	6
26	Response to Pomozi et al's Research Commentary. <i>Circulation Research</i> , 2013, 112, e152-3.	4.5	3
27	The Role of NOS in Heart Failure: Lessons from Murine Genetic Models. , 2004, , 113-128.		2
28	A Role for CHAC1 in Acetaminophen Hepatotoxicity. <i>FASEB Journal</i> , 2015, 29, 937.9.	0.5	2
29	INDUCIBLE NITRIC OXIDE SYNTHASE OVER-EXPRESSION IN ARTERIAL MYOCYTES EXACERBATES NEOINTIMA FORMATION AND ATHEROSCLEROSIS. <i>Cardiovascular Pathology</i> , 2004, 13, 36.	1.6	0
30	Genetic inhibition of the UPR gene Chac1 preserves cardiac function in a murine model of pressure overload induced heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 112, 160.	1.9	0
31	Characterization of the 5' flanking region of the human and mouse CHAC1 genes. <i>Biochemistry and Biophysics Reports</i> , 2020, 24, 100834.	1.3	0
32	ACE2 inhibits Endoplasmic Reticulum stress and autophagy associated to neurogenic hypertension. <i>FASEB Journal</i> , 2013, 27, 929.1.	0.5	0
33	ABCC6 Out From the Cold: Identification of the ABCC6 Substrate as a Therapy for Pseudoxanthoma Elasticum and Cardiovascular Disease. <i>Austin Journal of Pharmacology and Therapeutics</i> , 2014, 2, .	0.0	0