S Jamal Mustafa

List of Publications by Citations

59 papers	689 citations	13 h-index	26 g-index
60 ext. papers	751 ext. citations	2.9 avg, IF	3.9 L-index

#	Paper	IF	Citations
59	Adenosine receptors and the heart: role in regulation of coronary blood flow and cardiac electrophysiology. *Handbook of Experimental Pharmacology*, **2009**, 161-88	3.2	167
58	Effect of a specific and selective A(2B) adenosine receptor antagonist on adenosine agonist AMP and allergen-induced airway responsiveness and cellular influx in a mouse model of asthma. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 320, 1246-51	4.7	86
57	Role of A1 adenosine receptors in regulation of vascular tone. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 288, H1411-6	5.2	74
56	Targeted deletion of adenosine A(3) receptors augments adenosine-induced coronary flow in isolated mouse heart. *American Journal of Physiology - Heart and Circulatory Physiology*, **2002**, 282, H2183-9	5.2	66
55	Involvement of COX-1 in A3 adenosine receptor-mediated contraction through endothelium in mice aorta. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 293, H3448-55	5.2	44
54	Binding of A1 adenosine receptor ligand [3H]8-cyclopentyl-1,3-dipropylxanthine in coronary smooth muscle. *Circulation Research*, **1995**, 77, 194-8	15.7	28
53	Mechanisms underlying uridine adenosine tetraphosphate-induced vascular contraction in mouse aorta: Role of thromboxane and purinergic receptors. *Vascular Pharmacology*, **2015**, 73, 78-85	5.9	23
52	Alteration of purinergic signaling in diabetes: Focus on vascular function. *Journal of Molecular and Cellular Cardiology*, **2020**, 140, 1-9	5.8	19
51	Angiotensin II stimulation alters vasomotor response to adenosine in mouse mesenteric artery: role for A1 and A2B adenosine receptors. *British Journal of Pharmacology*, **2015**, 172, 4959-69	8.6	19
50	Uridine adenosine tetraphosphate and purinergic signaling in cardiovascular system: An update. *Pharmacological Research*, **2019**, 141, 32-45	10.2	19
49	In vivo assessment of coronary flow and cardiac function after bolus adenosine injection in adenosine receptor knockout mice. *Physiological Reports*, **2016**, 4, e12818	2.6	16
48	Coronary vasodilation by adenosine: Receptor subtypes and mechanism(s) of action. *Drug Development Research*, **1996**, 39, 308-313	5.1	16
47	Role of endothelium in adenosine receptor-mediated vasorelaxation in hypertensive rats. *Fundamental and Clinical Pharmacology*, **2001**, 15, 325-34	3.1	15
46	Adenosine and adenosine receptor-mediated action in coronary microcirculation. *Basic Research in Cardiology*, **2021**, 116, 22	11.8	13
45	Enhanced A2A adenosine receptor-mediated increase in coronary flow in type I diabetic mice. *Journal of Molecular and Cellular Cardiology*, **2016**, 90, 30-7	5.8	12
44	Impaired Aortic Contractility to Uridine Adenosine Tetraphosphate in Angiotensin II-Induced Hypertensive Mice: Receptor Desensitization?. *American Journal of Hypertension*, **2017**, 30, 304-312	2.3	9
43	Functional changes in vascular reactivity to adenosine receptor activation in type I diabetic mice. *European Journal of Pharmacology*, **2018**, 820, 191-197	5.3	8

42	Role of Adenosine Receptor(s) in the Control of Vascular Tone in the Mouse Pudendal Artery. *Journal of Pharmacology and Experimental Therapeutics*, **2016**, 356, 673-80	4.7	8
41	Metabolic hyperemia requires ATP-sensitive K+ channels and H2O2 but not adenosine in isolated mouse hearts. *American Journal of Physiology - Heart and Circulatory Physiology*, **2014**, 307, H1046-55	5.2	8
40	Limonene-induced activation of A adenosine receptors reduces airway inflammation and reactivity in a mouse model of asthma. *Purinergic Signalling*, **2020**, 16, 415-426	3.8	7
39	Enhanced A adenosine receptor-induced vascular contractions in mesenteric artery and aorta of in L-NAME mouse model of hypertension. *European Journal of Pharmacology*, **2019**, 842, 111-117	5.3	7
38	Transcriptomic effects of adenosine 2A receptor deletion in healthy and endotoxemic murine myocardium. *Purinergic Signalling*, **2017**, 13, 27-49	3.8	6
37	Role of angiotensin II type 1 (AT1) and type 2 (AT2) receptors in airway reactivity and inflammation in an allergic mouse model of asthma. *Immunopharmacology and Immunotoxicology*, **2019**, 41, 428-437	3.2	5
36	Activation of adenosine A but not A receptors is involved in uridine adenosine tetraphosphate-induced porcine coronary smooth muscle relaxation. *Journal of Pharmacological Sciences*, **2019**, 141, 64-69	3.7	5
35	Divergent coronary flow responses to uridine adenosine tetraphosphate in atherosclerotic ApoE knockout mice. *Purinergic Signalling*, **2017**, 13, 591-600	3.8	4
34	Chronic salt loading and the expression of adenosine receptor subtypes. *Hypertension*, **1999**, 34, e18-9	8.5	3
33	Modulation of A2A adenosine receptor(s) by K+(ATP) channels in bovine brain striatal membranes. *Cell Biology International*, **1999**, 23, 519-22	4.5	2
32	Attenuation of adenosine receptor-mediated vasorelaxation by L-NAME in mouse aorta. *FASEB Journal*, **2006**, 20, LB17	0.9	
31	A2A Adenosine Receptor-Mediated Nitric Oxide Release Was Blunted in Knockout Mouse Heart. *FASEB Journal*, **2007**, 21, A1381	0.9	
30	Adenosine A2A receptor mediated aortic relaxation in mice fed high salt: role of CYP epoxygenase. *FASEB Journal*, **2007**, 21, A899	0.9	
29	Endothelium-mediated contraction by A3 adenosine receptor agonist and its relationship to COX-1/COX-2 in A3KO mouse aorta. *FASEB Journal*, **2007**, 21, A1381	0.9	
28	Effects of adenosine on vascular reactivity and inflammation in a murine model of allergic asthma. *FASEB Journal*, **2007**, 21, A805	0.9	
27	Role of CYP2C generated metabolites in adenosine-mediated relaxation using A2A AR/ mice. *FASEB Journal*, **2008**, 22, 964.23	0.9	
26	A1 adenosine receptor-activated protein kinase C signaling in A1 knock-out mice coronary artery smooth muscle cells. *FASEB Journal*, **2008**, 22, 1152.11	0.9	
25	Adenosine A2A receptor knock-out mice have impaired vasorelaxation and endothelial function. *FASEB Journal*, **2008**, 22, 1128.12	0.9	

24	Limonene-induced Activation of A2A Adenosine Receptors Reduces Airway Inflammation and Reactivity in a Mouse Model of Asthma. *FASEB Journal*, **2018**, 32, 701.2	0.9
23	Differential Effects of Limonene on Inflammation via Activation of A2A and A2B Adenosine Receptors in Asthma. *FASEB Journal*, **2019**, 33, 681.5	0.9
22	NADPH oxidase mediates altered vascular responses in allergic mice (1065.10). *FASEB Journal*, **2014** , 28, 1065.10	0.9
21	The Contribution of Adenosine Receptor Subtypes to Vascular Tone in Mouse Pudendal Artery. *FASEB Journal*, **2015**, 29, 627.1	0.9
20	Hydrogen Sulfide (H2S): A Novel Mediator in Adenosine A2A Receptor-induced Vasorelaxation. *FASEB Journal*, **2015**, 29, 640.7	0.9
19	Cytochrome P-450 epoxygenase 2J2 modulates adenosine receptor-mediated vascular response in mouse mesenteric arteries. *FASEB Journal*, **2015**, 29, 627.11	0.9
18	Understanding the role of A2B adenosine receptor using knockout in the regulation of coronary flow. *FASEB Journal*, **2009**, 23, 1032.2	0.9
17	Role of NADPH oxidase in A3 adenosine receptor-mediated contraction using knockout mouse aorta. *FASEB Journal*, **2009**, 23, 937.5	0.9
16	A2A Adenosine Receptor-Mediated Coronary Flow Increase Is Enhanced in Hyperlipidemic Mice. *FASEB Journal*, **2010**, 24, 1034.1	0.9
15	Evidence for the role of A2B adenosine receptor in the regulation of vascular tone using A2B KO mice. *FASEB Journal*, **2010**, 24, 958.2	0.9
14	Role of A1 adenosine receptors in vascular reactivity and inflammation in a murine model of allergic asthma. *FASEB Journal*, **2010**, 24, 958.1	0.9
13	Involvement of CYP4A-mediated MAPK pathway in vascular contraction in A2A adenosine receptor knockout mice. *FASEB Journal*, **2011**, 25, 1021.6	0.9
12	Selective activation of NADPH oxidase subunit 2 (NOX2) by A3 adenosine receptor in mouse aorta. *FASEB Journal*, **2011**, 25, lb366	0.9
11	Salt modulates vascular response through cyp-epoxygenases in the presence of A2A AR. *FASEB Journal*, **2012**, 26, 1115.6	0.9
10	Cyp-epoxygenases mediate adenosine A2A receptor induced vascular relaxation via KATP channels. *FASEB Journal*, **2012**, 26, 670.1	0.9
9	Role of L-type voltage dependent calcium and large conductance potassium channels in adenosine A1 receptor mediated vasoconstriction through Cyp4a. *FASEB Journal*, **2012**, 26, 870.17	0.9
8	Interactions between A2A adenosine receptor, hydrogen peroxide, and KATP channel in coronary reactive hyperemia. *FASEB Journal*, **2012**, 26, 863.6	0.9
7	Disruption of soluble epoxide hydrolase modulates adenosine-induced response: role of adenosine A2A receptor and cyp-epoxygenases. *FASEB Journal*, **2012**, 26, 684.1	0.9

6	Losartan improves impaired vascular and endothelial responses in mice with allergic asthma. *FASEB Journal*, **2013**, 27, 1107.19	0.9
5	Modulation of vascular response by high salt intake depends on the presence or absence of adenosine A2A receptor using A2A AR-null mice. *FASEB Journal*, **2013**, 27, 1092.4	0.9
4	Adenosine A1 receptor signaling inhibits BK channels. *FASEB Journal*, **2013**, 27, 877.1	0.9
3	Adenosine A2A receptor modulates vascular response in soluble epoxide hydrolase-null mice through cyp2j-epoxygenases and PPAR *FASEB Journal*, **2013**, 27, 1090.2	0.9
2	A1 Adenosine Receptor Negatively Modulates Coronary Reactive Hyperemia via Counteracting A2A-mediated H2O2 Production and Opening of KATP Channel in Isolated Mice Hearts. *FASEB Journal*, **2013**, 27, 1185.1	0.9
1	Increased basal and adenosine-mediated coronary flow in ex vivo hearts from type I diabetic mice (1051.16). *FASEB Journal*, **2014**, 28, 1051.16	0.9