Bunyen Teng

List of Publications by Year
in descending order

33 papers	749 citations	623734 14 h-index	552781 26 g-index
33 all docs	33 docs citations	33 times ranked	902 citing authors

#	Article	IF	Citations
1	Adenosine Receptors and the Heart: Role in Regulation of Coronary Blood Flow and Cardiac Electrophysiology. Handbook of Experimental Pharmacology, 2009, , 161-188.	1.8	203
2	Up-regulation of A2B adenosine receptor in A2A adenosine receptor knockout mouse coronary artery. Journal of Molecular and Cellular Cardiology, 2008, 44, 905-914.	1.9	58
3	Effects of targeted deletion of A1 adenosine receptors on postischemic cardiac function and expression of adenosine receptor subtypes. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H1875-H1882.	3.2	49
4	Contributions of A_{2A}and A_{2B}adenosine receptors in coronary flow responses in relation to the K_{ATP}channel using A_{2B}and A_{2A/2B}double-knockout mice. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H2322-H2333.	3.2	49
5	A1 adenosine receptor-mediated PKC and p42/p44 MAPK signaling in mouse coronary artery smooth muscle cells. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1032-H1039.	3.2	42
6	Isolation and characterization of coronary endothelial and smooth muscle cells from A₁adenosine receptor-knockout mice. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H1713-H1720.	3.2	36
7	Role of A1 adenosine receptor in the regulation of coronary flow. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H467-H472.	3.2	36
8	Involvement of p38-mitogen-activated protein kinase in adenosine receptor-mediated relaxation of coronary artery. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H2574-H2580.	3.2	31
9	Interactions between A_{2A} adenosine receptors, hydrogen peroxide, and K_{ATP} channels in coronary reactive hyperemia. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1294-H1301.	3.2	29
10	Functional and RNA Expression Profile of Adenosine Receptor Subtypes in Mouse Mesenteric Arteries. Journal of Cardiovascular Pharmacology, 2013, 61, 70-76.	1.9	26
11	A₁ adenosine receptor negatively modulates coronary reactive hyperemia via counteracting A_{2A}-mediated H₂O₂ production and K_{ATP} opening in isolated mouse hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H1668-H1679.	3.2	24
12	Involvement of NADPH oxidase in A2A adenosine receptor-mediated increase in coronary flow in isolated mouse hearts. Purinergic Signalling, 2015, 11, 263-273.	2.2	22
13	In vivo assessment of coronary flow and cardiac function after bolus adenosine injection in adenosine receptor knockout mice. Physiological Reports, 2016, 4, e12818.	1.7	20
14	Evidence for the involvement of NADPH oxidase in adenosine receptor-mediated control of coronary flow using A₁and A₃knockout mice. Physiological Reports, 2013, 1, e00070.	1.7	15
15	A1 adenosine receptor deficiency or inhibition reduces atherosclerotic lesions in apolipoprotein E deficient mice. Cardiovascular Research, 2014, 102, 157-165.	3.8	14
16	Sex Difference in Coronary Endothelial Dysfunction in Apolipoprotein E Knockout Mouse: Role of NO and A_{2A} Adenosine Receptor. Microcirculation, 2015, 22, 518-527.	1.8	14
17	Enhanced A2A adenosine receptor-mediated increase in coronary flow in type I diabetic mice. Journal of Molecular and Cellular Cardiology, 2016, 90, 30-37.	1.9	13
18	Enhanced A1 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.	3.5	13

#	Article	IF	Citations
19	Impaired Aortic Contractility to Uridine Adenosine Tetraphosphate in Angiotensin II-Induced Hypertensive Mice: Receptor Desensitization?. American Journal of Hypertension, 2017, 30, 304-312.	2.0	10
20	Transcriptomic effects of adenosine 2A receptor deletion in healthy and endotoxemic murine myocardium. Purinergic Signalling, 2017, 13, 27-49.	2.2	10
21	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-H1055.	3.2	9
22	Functional changes in vascular reactivity to adenosine receptor activation in type I diabetic mice. European Journal of Pharmacology, 2018, 820, 191-197.	3.5	9
23	A2A adenosine receptor-mediated increase in coronary flow in hyperlipidemic APOE–knockout mice. Journal of Experimental Pharmacology, 2011, 2011, 59.	3.2	6
24	Effects of xylazine on canine coronary artery vascular rings. American Journal of Veterinary Research, 2004, 65, 431-435.	0.6	5
25	Divergent coronary flow responses to uridine adenosine tetraphosphate in atherosclerotic ApoE knockout mice. Purinergic Signalling, 2017, 13, 591-600.	2.2	5
26	A1 adenosine receptorâ€activated protein kinase C signaling in A1 knockâ€out mice coronary artery smooth muscle cells. FASEB Journal, 2008, 22, 1152.11.	0.5	1
27	A _{2A} Adenosine Receptorâ€Mediated Nitric Oxide Release Was Blunted in Knockout Mouse Heart. FASEB Journal, 2007, 21, A1381.	0.5	0
28	Cardiovascular Effects of Adenosine in Hypercholesterolemia. FASEB Journal, 2008, 22, 924.2.	0.5	0
29	Understanding the role of A2B adenosine receptor using knockout in the regulation of coronary flow. FASEB Journal, 2009, 23, 1032.2.	0.5	0
30	A 2A Adenosine Receptorâ€Mediated Coronary Flow Increase Is Enhanced in Hyperlipidemic Mice. FASEB Journal, 2010, 24, 1034.1.	0.5	0
31	Interactions between A 2A adenosine receptor, hydrogen peroxide, and K ATP channel in coronary reactive hyperemia. FASEB Journal, 2012, 26, 863.6.	0.5	0
32	A 1 Adenosine Receptor Negatively Modulates Coronary Reactive Hyperemia via Counteracting A 2A â€mediated H 2 O 2 Production and Opening of K ATP Channel in Isolated Mice Hearts. FASEB Journal, 2013, 27, 1185.1.	0.5	0
33	Increased basal and adenosineâ€mediated coronary flow in ex vivo hearts from type I diabetic mice (1051.16). FASEB Journal, 2014, 28, 1051.16.	0.5	0