

S Jamal Mustafa

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

823
citations

623188

14
h-index

500791

28
g-index

60
all docs

60
docs citations

60
times ranked

999
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. | 0.9 | 203 |
| 2 | 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, 1246-1251. | 1.3 | 94 |
| 3 | Role of A ₁ adenosine receptors in regulation of vascular tone. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H1411-H1416. | 1.5 | 86 |
| 4 | 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-H2189. | 1.5 | 67 |
| 5 | Involvement of COX-1 in A ₃ adenosine receptor-mediated contraction through endothelium in mice aorta. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H3448-H3455. | 1.5 | 47 |
| 6 | Alteration of purinergic signaling in diabetes: Focus on vascular function. Journal of Molecular and Cellular Cardiology, 2020, 140, 1-9. | 0.9 | 31 |
| 7 | Binding of A ₁ Adenosine Receptor Ligand [³ H]8-Cyclopentyl-1,3-Dipropylxanthine in Coronary Smooth Muscle. Circulation Research, 1995, 77, 194-198. | 2.0 | 29 |
| 8 | Adenosine and adenosine receptor-mediated action in coronary microcirculation. Basic Research in Cardiology, 2021, 116, 22. | 2.5 | 27 |
| 9 | Mechanisms underlying uridine adenosine tetraphosphate-induced vascular contraction in mouse aorta: Role of thromboxane and purinergic receptors. Vascular Pharmacology, 2015, 73, 78-85. | 1.0 | 26 |
| 10 | Uridine adenosine tetraphosphate and purinergic signaling in cardiovascular system: An update. Pharmacological Research, 2019, 141, 32-45. | 3.1 | 26 |
| 11 | Angiotensin II stimulation alters vasomotor response to adenosine in mouse mesenteric artery: role for A ₁ and A _{2B} adenosine receptors. British Journal of Pharmacology, 2015, 172, 4959-4969. | 2.7 | 21 |
| 12 | In vivo assessment of coronary flow and cardiac function after bolus adenosine injection in adenosine receptor knockout mice. Physiological Reports, 2016, 4, e12818. | 0.7 | 20 |
| 13 | Coronary vasodilation by adenosine: Receptor subtypes and mechanism(s) of action. Drug Development Research, 1996, 39, 308-313. | 1.4 | 17 |
| 14 | Role of endothelium in adenosine receptor-mediated vasorelaxation in hypertensive rats. Fundamental and Clinical Pharmacology, 2001, 15, 325-334. | 1.0 | 15 |
| 15 | Enhanced A _{2A} adenosine receptor-mediated increase in coronary flow in type I diabetic mice. Journal of Molecular and Cellular Cardiology, 2016, 90, 30-37. | 0.9 | 13 |
| 16 | Enhanced A ₁ 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. | 1.7 | 13 |
| 17 | Limonene-induced activation of A _{2A} adenosine receptors reduces airway inflammation and reactivity in a mouse model of asthma. Purinergic Signalling, 2020, 16, 415-426. | 1.1 | 13 |
| 18 | Impaired Aortic Contractility to Uridine Adenosine Tetraphosphate in Angiotensin II-Induced Hypertensive Mice: Receptor Desensitization?. American Journal of Hypertension, 2017, 30, 304-312. | 1.0 | 10 |

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|----|---|-----|-----------|
| 19 | Transcriptomic effects of adenosine 2A receptor deletion in healthy and endotoxemic murine myocardium. <i>Purinergic Signalling</i> , 2017, 13, 27-49. | 1.1 | 10 |
| 20 | Metabolic hyperemia requires ATP-sensitive K ⁺ channels and H ₂ O ₂ but not adenosine in isolated mouse hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1046-H1055. | 1.5 | 9 |
| 21 | Role of Adenosine Receptor(s) in the Control of Vascular Tone in the Mouse Pudendal Artery. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 356, 673-680. | 1.3 | 9 |
| 22 | Functional changes in vascular reactivity to adenosine receptor activation in type I diabetic mice. <i>European Journal of Pharmacology</i> , 2018, 820, 191-197. | 1.7 | 9 |
| 23 | Activation of adenosine A2A but not A2B receptors is involved in uridine adenosine tetraphosphate-induced porcine coronary smooth muscle relaxation. <i>Journal of Pharmacological Sciences</i> , 2019, 141, 64-69. | 1.1 | 9 |
| 24 | Role of angiotensin II type 1 (AT1) and type 2 (AT2) receptors in airway reactivity and inflammation in an allergic mouse model of asthma. <i>Immunopharmacology and Immunotoxicology</i> , 2019, 41, 428-437. | 1.1 | 8 |
| 25 | Divergent coronary flow responses to uridine adenosine tetraphosphate in atherosclerotic ApoE knockout mice. <i>Purinergic Signalling</i> , 2017, 13, 591-600. | 1.1 | 5 |
| 26 | Chronic Salt Loading and the Expression of Adenosine Receptor Subtypes. <i>Hypertension</i> , 1999, 34, e18-9. | 1.3 | 3 |
| 27 | MODULATION OF A2A ADENOSINE RECEPTOR(S) BY K ⁺ ATP CHANNELS IN BOVINE BRAIN STRIATAL MEMBRANES. <i>Cell Biology International</i> , 1999, 23, 519-522. | 1.4 | 2 |
| 28 | A1 adenosine receptor-activated protein kinase C signaling in A1 knockout mice coronary artery smooth muscle cells. <i>FASEB Journal</i> , 2008, 22, 1152.11. | 0.2 | 1 |
| 29 | Attenuation of adenosine receptor-mediated vasorelaxation by L-NAME in mouse aorta. <i>FASEB Journal</i> , 2006, 20, LB17. | 0.2 | 0 |
| 30 | A _{2A} Adenosine Receptor-Mediated Nitric Oxide Release Was Blunted in Knockout Mouse Heart. <i>FASEB Journal</i> , 2007, 21, A1381. | 0.2 | 0 |
| 31 | Adenosine A2A receptor mediated aortic relaxation in mice fed high salt: role of CYP epoxygenase. <i>FASEB Journal</i> , 2007, 21, A899. | 0.2 | 0 |
| 32 | Endothelium-mediated contraction by A3 adenosine receptor agonist and its relationship to COX-1/COX-2 in A3KO mouse aorta. <i>FASEB Journal</i> , 2007, 21, A1381. | 0.2 | 0 |
| 33 | Effects of adenosine on vascular reactivity and inflammation in a murine model of allergic asthma. <i>FASEB Journal</i> , 2007, 21, A805. | 0.2 | 0 |
| 34 | Role of CYP2C generated metabolites in adenosine-mediated relaxation using A2A AR ^{-/-} mice. <i>FASEB Journal</i> , 2008, 22, 964.23. | 0.2 | 0 |
| 35 | Adenosine A2A receptor knockout mice have impaired vasorelaxation and endothelial function. <i>FASEB Journal</i> , 2008, 22, 1128.12. | 0.2 | 0 |
| 36 | Enhanced vascular relaxation through epoxygenase depends on ATP-sensitive K ⁺ channels via adenosine A2A receptor: Role of high salt diet. <i>FASEB Journal</i> , 2009, 23, . | 0.2 | 0 |

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|----|---|-----|-----------|
| 37 | Understanding the role of A2B adenosine receptor using knockout in the regulation of coronary flow. FASEB Journal, 2009, 23, 1032.2. | 0.2 | 0 |
| 38 | Role of NADPH oxidase in A3 adenosine receptor-mediated contraction using knockout mouse aorta. FASEB Journal, 2009, 23, 937.5. | 0.2 | 0 |
| 39 | A 2A Adenosine Receptor-Mediated Coronary Flow Increase Is Enhanced in Hyperlipidemic Mice. FASEB Journal, 2010, 24, 1034.1. | 0.2 | 0 |
| 40 | Evidence for the role of A2B adenosine receptor in the regulation of vascular tone using A2B KO mice. FASEB Journal, 2010, 24, 958.2. | 0.2 | 0 |
| 41 | Role of A1 adenosine receptors in vascular reactivity and inflammation in a murine model of allergic asthma. FASEB Journal, 2010, 24, 958.1. | 0.2 | 0 |
| 42 | Involvement of CYP4A-mediated MAPK pathway in vascular contraction in A2A adenosine receptor knockout mice. FASEB Journal, 2011, 25, 1021.6. | 0.2 | 0 |
| 43 | Selective activation of NADPH oxidase subunit 2 (NOX2) by A3 adenosine receptor in mouse aorta. FASEB Journal, 2011, 25, 1b366. | 0.2 | 0 |
| 44 | Salt modulates vascular response through cyp-epoxygenases in the presence of A2A AR. FASEB Journal, 2012, 26, 1115.6. | 0.2 | 0 |
| 45 | Cyp-epoxygenases mediate adenosine A2A receptor induced vascular relaxation via KATP channels. FASEB Journal, 2012, 26, 670.1. | 0.2 | 0 |
| 46 | 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. | 0.2 | 0 |
| 47 | Interactions between A2A adenosine receptor, hydrogen peroxide, and KATP channel in coronary reactive hyperemia. FASEB Journal, 2012, 26, 863.6. | 0.2 | 0 |
| 48 | Disruption of soluble epoxide hydrolase modulates adenosine-induced response: role of adenosine A2A receptor and cyp-epoxygenases. FASEB Journal, 2012, 26, 684.1. | 0.2 | 0 |
| 49 | Losartan improves impaired vascular and endothelial responses in mice with allergic asthma. FASEB Journal, 2013, 27, 1107.19. | 0.2 | 0 |
| 50 | 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. | 0.2 | 0 |
| 51 | Adenosine A1 receptor signaling inhibits BK channels. FASEB Journal, 2013, 27, 877.1. | 0.2 | 0 |
| 52 | Adenosine A2A receptor modulates vascular response in soluble epoxide hydrolase-null mice through cyp2j-epoxygenases and PPARI ³ . FASEB Journal, 2013, 27, 1090.2. | 0.2 | 0 |
| 53 | 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. | 0.2 | 0 |
| 54 | Increased basal and adenosine-mediated coronary flow in ex vivo hearts from type I diabetic mice (1051.16). FASEB Journal, 2014, 28, 1051.16. | 0.2 | 0 |

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|----|---|-----|-----------|
| 55 | NADPH oxidase mediates altered vascular responses in allergic mice (1065.10). FASEB Journal, 2014, 28, 1065.10. | 0.2 | 0 |
| 56 | The Contribution of Adenosine Receptor Subtypes to Vascular Tone in Mouse Pudendal Artery. FASEB Journal, 2015, 29, 627.1. | 0.2 | 0 |
| 57 | Hydrogen Sulfide (H ₂ S): A Novel Mediator in Adenosine A _{2A} Receptor-Induced Vasorelaxation. FASEB Journal, 2015, 29, 640.7. | 0.2 | 0 |
| 58 | Cytochrome P ₄₅₀ epoxygenase 2J2 modulates adenosine receptor-mediated vascular response in mouse mesenteric arteries. FASEB Journal, 2015, 29, 627.11. | 0.2 | 0 |
| 59 | Limonene-Induced Activation of A _{2A} Adenosine Receptors Reduces Airway Inflammation and Reactivity in a Mouse Model of Asthma. FASEB Journal, 2018, 32, 701.2. | 0.2 | 0 |
| 60 | Differential Effects of Limonene on Inflammation via Activation of A _{2A} and A _{2B} Adenosine Receptors in Asthma. FASEB Journal, 2019, 33, 681.5. | 0.2 | 0 |