Edwin K Jackson

List of Publications by Year
in descending order

400 papers	18,447 citations	13087 68 h-index	21521 114 g-index
403 all docs	403 docs citations	403 times ranked	16342 citing authors

#	Article	IF	Citations
1	A2A adenosine receptor protects tumors from antitumor T cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13132-13137.	3.3	837
2	Immunological mechanisms of the antitumor effects of supplemental oxygenation. Science Translational Medicine, 2015, 7, 277ra30.	5.8	458
3	Sex hormones and hypertension. Cardiovascular Research, 2002, 53, 688-708.	1.8	453
4	Caffeine protects Alzheimerâ€™s mice against cognitive impairment and reduces brain Î²-amyloid production. Neuroscience, 2006, 142, 941-952.	1.1	417
5	Clinical Implications of Prostaglandin and Thromboxane A₂Formation. New England Journal of Medicine, 1988, 319, 689-698.	13.9	415
6	Generation and Accumulation of Immunosuppressive Adenosine by Human CD4+CD25highFOXP3+ Regulatory T Cells. Journal of Biological Chemistry, 2010, 285, 7176-7186.	1.6	334
7	Nitric oxide inhibits angiotensin II-induced migration of rat aortic smooth muscle cell. Role of cyclic-nucleotides and angiotensin1 receptors.. Journal of Clinical Investigation, 1995, 96, 141-149.	3.9	301
8	Clinical Implications of Prostaglandin and Thromboxane A2Formation. New England Journal of Medicine, 1988, 319, 761-767.	13.9	290
9	Suppression of Lymphocyte Functions by Plasma Exosomes Correlates with Disease Activity in Patients with Head and Neck Cancer. Clinical Cancer Research, 2017, 23, 4843-4854.	3.2	275
10	Oxygenation Inhibits the Physiological Tissue-Protecting Mechanism and Thereby Exacerbates Acute Inflammatory Lung Injury. PLoS Biology, 2005, 3, e174.	2.6	253
11	Human CD4+CD39+ regulatory T cells produce adenosine upon co-expression of surface CD73 or contact with CD73+ exosomes or CD73+ cells. Clinical and Experimental Immunology, 2014, 177, 531-543.	1.1	220
12	Circulating Nitric Oxide (Nitrite/Nitrate) Levels in Postmenopausal Women Substituted With 17Î²-Estradiol and Norethisterone Acetate. Hypertension, 1995, 25, 848-853.	1.3	220
13	Adenosine production by human B cells and B cellâ€“mediated suppression of activated T cells. Blood, 2013, 122, 9-18.	0.6	217
14	Estrogen-induced cardiorenal protection: potential cellular, biochemical, and molecular mechanisms. American Journal of Physiology - Renal Physiology, 2001, 280, F365-F388.	1.3	208
15	Blast Exposure in Rats with Body Shielding Is Characterized Primarily by Diffuse Axonal Injury. Journal of Neurotrauma, 2011, 28, 947-959.	1.7	204
16	Vascular consequences of menopause and hormone therapy: Importance of timing of treatment and type of estrogen. Cardiovascular Research, 2005, 66, 295-306.	1.8	197
17	Reduction of myocardial reperfusion injury by intravenous adenosine administered during the early reperfusion period.. Circulation, 1991, 83, 237-247.	1.6	184
18	Amphotericin B nephrotoxicity in humans decreased by salt repletion. American Journal of Medicine, 1983, 75, 476-481.	0.6	172

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19	Adenosine A1 Receptor Knockout Mice Develop Lethal Status Epilepticus after Experimental Traumatic Brain Injury. Journal of Cerebral Blood Flow and Metabolism, 2006, 26, 565-575.	2.4	161
20	Systemic oxygenation weakens the hypoxia and hypoxia inducible factor 1Î±-dependent and extracellular adenosine-mediated tumor protection. Journal of Molecular Medicine, 2014, 92, 1283-1292.	1.7	159
21	17Î²-Estradiol, Its Metabolites, and Progesterone Inhibit Cardiac Fibroblast Growth. Hypertension, 1998, 31, 522-528.	1.3	153
22	Increased Ectonucleotidase Expression and Activity in Regulatory T Cells of Patients with Head and Neck Cancer. Clinical Cancer Research, 2009, 15, 6348-6357.	3.2	152
23	Circulating exosomes carrying an immunosuppressive cargo interfere with cellular immunotherapy in acute myeloid leukemia. Scientific Reports, 2017, 7, 14684.	1.6	152
24	Gs Protein-Coupled Adenosine Receptor Signaling and Lytic Function of Activated NK Cells. Journal of Immunology, 2005, 175, 4383-4391.	0.4	145
25	Human tumor-derived exosomes (TEX) regulate Treg functions via cell surface signaling rather than uptake mechanisms. OncoImmunology, 2017, 6, e1261243.	2.1	143
26	Adenosine and Prostaglandin E2 Cooperate in the Suppression of Immune Responses Mediated by Adaptive Regulatory T Cells. Journal of Biological Chemistry, 2010, 285, 27571-27580.	1.6	140
27	Estradiol Metabolites Inhibit Endothelin Synthesis by an Estrogen Receptor-Independent Mechanism. Hypertension, 2001, 37, 640-644.	1.3	138
28	Multiplex Assessment of Cytokine and Chemokine Levels in Cerebrospinal Fluid following Severe Pediatric Traumatic Brain Injury: Effects of Moderate Hypothermia. Journal of Neurotrauma, 2007, 24, 1707-1718.	1.7	137
29	Adenosine-Mediated Inhibition of the Cytotoxic Activity and Cytokine Production by Activated Natural Killer Cells. Cancer Research, 2006, 66, 7758-7765.	0.4	126
30	Phytoestrogens Inhibit Growth and MAP Kinase Activity in Human Aortic Smooth Muscle Cells. Hypertension, 1999, 33, 177-182.	1.3	123
31	Cardiovascular Pharmacology of Estradiol Metabolites. Journal of Pharmacology and Experimental Therapeutics, 2004, 308, 403-409.	1.3	122
32	Inhibition of Cytokine Production and Cytotoxic Activity of Human Antimelanoma Specific CD8+ and CD4+ T Lymphocytes by Adenosine-Protein Kinase A Type I Signaling. Cancer Research, 2007, 67, 5949-5956.	0.4	117
33	Adenosine Inhibits Collagen and Protein Synthesis in Cardiac Fibroblasts. Hypertension, 1998, 31, 943-948.	1.3	113
34	Exogenous and Endogenous Adenosine Inhibits Fetal Calf Serumâ€“Induced Growth of Rat Cardiac Fibroblasts. Circulation, 1997, 96, 2656-2666.	1.6	113
35	Invited Review: Cardiovascular protective effects of 17Î²-estradiol metabolites. Journal of Applied Physiology, 2001, 91, 1868-1883.	1.2	112
36	The effects of intravenous infusions of selective adenosine A1-receptor and A2-receptor agonists on myocardial reperfusion injury. American Heart Journal, 1992, 123, 332-338.	1.2	107

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37	Interstitial Adenosine, Inosine, and Hypoxanthine Are Increased after Experimental Traumatic Brain Injury in the Rat. Journal of Neurotrauma, 1998, 15, 163-170.	1.7	104
38	Application of the fast-evaporation sample preparation method for improving quantification of angiotensin II by matrix-assisted laser desorption/ionization. Rapid Communications in Mass Spectrometry, 1995, 9, 1164-1171.	0.7	102
39	Adenosine-Mediated Inhibition of Cytotoxic Activity and Cytokine Production by IL-2/NKp46-Activated NK cells: Involvement of Protein Kinase A Isozyme I (PKA I). Immunologic Research, 2006, 36, 91-100.	1.3	100
40	Emerging Therapies in Traumatic Brain Injury. Seminars in Neurology, 2015, 35, 083-100.	0.5	100
41	Phenotypic and functional characteristics of CD39^{high}human regulatory B cells (Breg). OncoImmunology, 2016, 5, e1082703.	2.1	99
42	Screening of Biochemical and Molecular Mechanisms of Secondary Injury and Repair in the Brain after Experimental Blast-Induced Traumatic Brain Injury in Rats. Journal of Neurotrauma, 2013, 30, 920-937.	1.7	96
43	Estrogen and Tamoxifen Metabolites Protect Smooth Muscle Cell Membrane Phospholipids Against Peroxidation and Inhibit Cell Growth. Circulation Research, 1999, 84, 229-239.	2.0	95
44	Continuous Versus Intermittent Cerebrospinal Fluid Drainage after Severe Traumatic Brain Injury in Children: Effect on Biochemical Markers. Journal of Neurotrauma, 2004, 21, 1113-1122.	1.7	93
45	Decreased Expression of Kv4.2 and Novel Kv4.3 K ⁺ Channel Subunit mRNAs in Ventricles of Renovascular Hypertensive Rats. Circulation Research, 1997, 81, 533-539.	2.0	93
46	Clinically Used Estrogens Differentially Inhibit Human Aortic Smooth Muscle Cell Growth and Mitogen-Activated Protein Kinase Activity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 964-972.	1.1	92
47	Role of Adenosine as Adjunctive Therapy in Acute Myocardial Infarction. Cardiovascular Drug Reviews, 2006, 24, 116-147.	4.4	91
48	Adenosine Inhibits Growth of Human Aortic Smooth Muscle Cells Via A _{2B} Receptors. Hypertension, 1998, 31, 516-521.	1.3	89
49	The Extracellular Cyclic AMP-Adenosine Pathway in Renal Physiology. Annual Review of Physiology, 2004, 66, 571-599.	5.6	89
50	Role of Renal Prostaglandins in Sympathetically Mediated Renin Release in the Rat. Journal of Clinical Investigation, 1979, 64, 448-456.	3.9	87
51	Role of the extracellular cAMP-adenosine pathway in renal physiology. American Journal of Physiology - Renal Physiology, 2001, 281, F597-F612.	1.3	85
52	Factors controlling growth and matrix production and matrix production in vascular smooth muscle and glomerular mesangial cell. Current Opinion in Nephrology and Hypertension, 1997, 6, 88-105.	1.0	83
53	Cerebrospinal Fluid Adenosine Concentration and Uncoupling of Cerebral Blood Flow and Oxidative Metabolism after Severe Head Injury in Humans. Neurosurgery, 1997, 41, 1284-1292.	0.6	83
54	Coronary vascular occlusion mediated via thromboxane A2-prostaglandin endoperoxide receptor activation in vivo.. Journal of Clinical Investigation, 1986, 77, 496-502.	3.9	83

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55	Adenosine attenuates reperfusion injury following regional myocardial ischaemia. Cardiovascular Research, 1993, 27, 9-17.	1.8	81
56	Hormone Replacement Therapy and Cardiovascular Disease. Hypertension, 2004, 44, 789-795.	1.3	81
57	Exosomes in HNSCC plasma as surrogate markers of tumour progression and immune competence. Clinical and Experimental Immunology, 2018, 194, 67-78.	1.1	81
58	Expression of adenosine receptors in the preglomerular microcirculation. American Journal of Physiology - Renal Physiology, 2002, 283, F41-F51.	1.3	80
59	Extracellular 2â€²,3â€²-cAMP Is a Source of Adenosine. Journal of Biological Chemistry, 2009, 284, 33097-33106.	1.6	80
60	A _{2B} Receptors Mediate the Antimitogenic Effects of Adenosine in Cardiac Fibroblasts. Hypertension, 2001, 37, 716-721.	1.3	78
61	2-Methoxyestradiol, an Estradiol Metabolite, Inhibits Neointima Formation and Smooth Muscle Cell Growth via Double Blockade of the Cell Cycle. Circulation Research, 2006, 99, 266-274.	2.0	78
62	Adenosine A₁ Receptor Activation as a Brake on the Microglial Response after Experimental Traumatic Brain Injury in Mice. Journal of Neurotrauma, 2010, 27, 901-910.	1.7	78
63	Methoxyestradiols Mediate the Antimitogenic Effects of Estradiol on Vascular Smooth Muscle Cells via Estrogen Receptor-Independent Mechanisms. Biochemical and Biophysical Research Communications, 2000, 278, 27-33.	1.0	77
64	A 2B Adenosine Receptors Stimulate Growth of Porcine and Rat Arterial Endothelial Cells. Hypertension, 2002, 39, 530-535.	1.3	75
65	2-Methoxyestradiol mediates the protective effects of estradiol in monocrotaline-induced pulmonary hypertension. Vascular Pharmacology, 2006, 45, 358-367.	1.0	74
66	A2BReceptors Mediate Antimitogenesis in Vascular Smooth Muscle Cells. Hypertension, 2000, 35, 267-272.	1.3	73
67	Tumor-derived exosomes promote angiogenesis via adenosine A2B receptor signaling. Angiogenesis, 2020, 23, 599-610.	3.7	73
68	Adenosine Inhibits Growth of Rat Aortic Smooth Muscle Cells. Hypertension, 1996, 27, 786-793.	1.3	73
69	Perfusion quantitation in transplanted rat kidney by MRI with arterial spin labeling. Kidney International, 1998, 53, 1783-1791.	2.6	71
70	Increased adenosine in cerebrospinal fluid after severe traumatic brain injury in infants and children: Association with severity of injury and excitotoxicity. Critical Care Medicine, 2001, 29, 2287-2293.	0.4	71
71	Effects of Long-Term Caffeine Consumption on Renal Function in Spontaneously Hypertensive Heart Failure Prone Rats. Journal of Cardiovascular Pharmacology, 1999, 33, 360-366.	0.8	71
72	1,3,7-Trimethylxanthine (Caffeine) May Exacerbate Acute Inflammatory Liver Injury by Weakening the Physiological Immunosuppressive Mechanism. Journal of Immunology, 2007, 179, 7431-7438.	0.4	69

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73	Methoxyestradiols Mediate Estradiol-Induced Antimitogenesis in Human Aortic SMCs. Hypertension, 2002, 39, 874-879.	1.3	67
74	Estradiol Metabolites Attenuate Monocrotaline-Induced Pulmonary Hypertension in Rats. Journal of Cardiovascular Pharmacology, 2005, 46, 430-437.	0.8	67
75	Enhanced renal angiotensin II subtype 1 receptor responses in the spontaneously hypertensive rat.. Hypertension, 1993, 21, 420-431.	1.3	66
76	EFFECTS OF DIPEPTIDYL PEPTIDASE IV INHIBITION ON ARTERIAL BLOOD PRESSURE. Clinical and Experimental Pharmacology and Physiology, 2008, 35, 29-34.	0.9	66
77	Effects of Estradiol and Its Metabolites on Glomerular Endothelial Nitric Oxide Synthesis and Mesangial Cell Growth. Hypertension, 2001, 37, 645-650.	1.3	65
78	Adenosine receptor expression and function in bladder uroepithelium. American Journal of Physiology - Cell Physiology, 2006, 291, C254-C265.	2.1	65
79	Effects of angiotensin subtype 1 and subtype 2 receptor antagonists in normotensive versus hypertensive rats.. Hypertension, 1991, 18, 774-782.	1.3	62
80	Reperfusion enhances the local release of endothelin after regional myocardial ischemia. American Heart Journal, 1994, 128, 441-451.	1.2	62
81	Cooperation of adenosine and prostaglandin E2 (PGE2) in amplification of cAMPâ€“PKA signaling and immunosuppression. Cancer Immunology, Immunotherapy, 2008, 57, 1611-1623.	2.0	62
82	Effect of intravenous adenosine on myocardial reperfusion injury in a model with low myocardial collateral blood flow. American Heart Journal, 1991, 122, 1283-1291.	1.2	61
83	CD26 expression and adenosine deaminase activity in regulatory T cells (Treg) and CD4⁺T effector cells in patients with head and neck squamous cell carcinoma. OncoImmunology, 2012, 1, 659-669.	2.1	60
84	Strong antiproliferative effects of baicalein in cultured rat hepatic stellate cells. European Journal of Pharmacology, 1999, 378, 129-135.	1.7	59
85	Interstitial brain adenosine and xanthine increase during jugular venous oxygen desaturations in humans after traumatic brain injury. Critical Care Medicine, 2001, 29, 399-404.	0.4	59
86	2-methoxyestradiol attenuates bleomycin-induced pulmonary hypertension and fibrosis in estrogen-deficient rats. Vascular Pharmacology, 2009, 51, 190-197.	1.0	59
87	Cold stress protein RBM3 responds to temperature change in an ultra-sensitive manner in young neurons. Neuroscience, 2015, 305, 268-278.	1.1	59
88	The Î²-blocker Nebivolol Is a GRK/Î²-arrestin Biased Agonist. PLoS ONE, 2013, 8, e71980.	1.1	58
89	Cyclic AMPâ€“Adenosine Pathway Inhibits Vascular Smooth Muscle Cell Growth. Hypertension, 1996, 28, 765-771.	1.3	58
90	The in situ blood perfused rat mesentery; A model for assessing modulation of adrenergic neurotranmission. European Journal of Pharmacology, 1980, 66, 217-224.	1.7	57

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91	Low dose intrarenal infusions of PGE2, PGI2, and 6-keto-PGE1 vasodilate the in vivo rat kidney.. Circulation Research, 1982, 51, 67-72.	2.0	57
92	Vascular Endothelial Growth Factor Is Increased in Cerebrospinal Fluid after Traumatic Brain Injury in Infants and Children. Neurosurgery, 2004, 54, 605-612.	0.6	57
93	CD39 expression by hepatic myeloid dendritic cells attenuates inflammation in liver transplant ischemia-reperfusion injury in mice. Hepatology, 2013, 58, 2163-2175.	3.6	57
94	Low-dose theophylline increases urine output in diuretic-dependent critically ill children. Intensive Care Medicine, 1998, 24, 1099-1105.	3.9	55
95	Cyclic AMP-Adenosine Pathway Induces Nitric Oxide Synthesis in Aortic Smooth Muscle Cells. Hypertension, 1998, 31, 296-302.	1.3	53
96	Estradiol Inhibits Smooth Muscle Cell Growth in Part by Activating the cAMP-Adenosine Pathway. Hypertension, 2000, 35, 262-266.	1.3	53
97	Endogenous Cyclic AMP-Adenosine Pathway Regulates Cardiac Fibroblast Growth. Hypertension, 2001, 37, 1095-1100.	1.3	53
98	Emergency Preservation and Resuscitation with Profound Hypothermia, Oxygen, and Glucose Allows Reliable Neurological Recovery after 3 h of Cardiac Arrest from Rapid Exsanguination in Dogs. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 302-311.	2.4	53
99	Adenosine and Prostaglandin E2 Production by Human Inducible Regulatory T Cells in Health and Disease. Frontiers in Immunology, 2013, 4, 212.	2.2	53
100	Amphotericin-b nephrotoxicity in humans decreased by sodium supplements with coadministration of ticarcillin or intravenous saline. Klinische Wochenschrift, 1987, 65, 500-506.	0.6	52
101	CYP450- and COMT-Derived Estradiol Metabolites Inhibit Activity of Human Coronary Artery SMCs. Hypertension, 2003, 41, 807-813.	1.3	51
102	Identification and Quantification of 2â€²,3â€²-cAMP Release by the Kidney. Journal of Pharmacology and Experimental Therapeutics, 2009, 328, 855-865.	1.3	51
103	Cardiac Fibroblasts Express the cAMP-Adenosine Pathway. Hypertension, 2000, 36, 337-342.	1.3	50
104	Role of Methoxyestradiols in the Growth Inhibitory Effects of Estradiol on Human Glomerular Mesangial Cells. Hypertension, 2002, 39, 418-424.	1.3	50
105	Long-term caffeine consumption exacerbates renal failure in obese, diabetic, ZSF1 (fa-facp) rats. Kidney International, 2002, 61, 1433-1444.	2.6	50
106	Sitagliptin Augments Sympathetic Enhancement of the Renovascular Effects of Angiotensin II in Genetic Hypertension. Hypertension, 2008, 51, 1637-1642.	1.3	50
107	Potential vascular actions of 2-methoxyestradiol. Trends in Endocrinology and Metabolism, 2009, 20, 374-379.	3.1	50
108	The brain in vivo expresses the 2â€²,3â€²â€cAMPâ€adenosine pathway. Journal of Neurochemistry, 2012, 122, 115-125.	2.1	50

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109	Proximal tubule apical endocytosis is modulated by fluid shear stress via an mTOR-dependent pathway. Molecular Biology of the Cell, 2017, 28, 2508-2517.	0.9	50
110	Genetic variation in the adenosine regulatory cycle is associated with posttraumatic epilepsy development. Epilepsia, 2015, 56, 1198-1206.	2.6	49
111	Smooth Muscle Cellâ€“Derived Adenosine Inhibits Cell Growth. Hypertension, 1996, 27, 766-773.	1.3	49
112	Methoxyestradiols Mediate the Antimitogenic Effects of 17Î²-Estradiol. Circulation, 2003, 108, 2974-2978.	1.6	48
113	2â€²,3â€²-cAMP, 3â€²-AMP, 2â€²-AMP and adenosine inhibit TNF-Î± and CXCL10 production from activated primary murine microglia via A2A receptors. Brain Research, 2015, 1594, 27-35.	1.1	47
114	Effect of aminophylline on renal vasoconstriction produced by amphotericin B in the rat. Naunyn-Schmiedeberg's Archives of Pharmacology, 1983, 324, 148-152.	1.4	45
115	The 2â€²,3â€²-cAMP-adenosine pathway. American Journal of Physiology - Renal Physiology, 2011, 301, F1160-F1167.	1.3	45
116	Increased Expression of the Sodium Transporter BSC-1 in Spontaneously Hypertensive Rats. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 1052-1061.	1.3	44
117	Cardiovascular and Renal Effects of Blocking A1 Adenosine Receptors. Journal of Cardiovascular Pharmacology, 1993, 21, 822-828.	0.8	43
118	CD4+CD73+ T cells are associated with lower T-cell activation and C reactive protein levels and are depleted in HIV-1 infection regardless of viral suppression. Aids, 2013, 27, 1545-1555.	1.0	43
119	Hemorrhagic Shock Shifts the Serum Cytokine Profile from Pro- to Anti-Inflammatory after Experimental Traumatic Brain Injury in Mice. Journal of Neurotrauma, 2014, 31, 1386-1395.	1.7	43
120	Increases in Cerebrospinal Fluid Caffeine Concentration are Associated with Favorable Outcome after Severe Traumatic Brain injury in Humans. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 395-401.	2.4	42
121	In Vivo Hypoxic Preconditioning Protects From Warm Liver Ischemia-Reperfusion Injury Through the Adenosine A2B Receptor. Transplantation, 2012, 94, 894-902.	0.5	42
122	Extracellular guanosine regulates extracellular adenosine levels. American Journal of Physiology - Cell Physiology, 2013, 304, C406-C421.	2.1	42
123	Purine Metabolites in Tumor-Derived Exosomes May Facilitate Immune Escape of Head and Neck Squamous Cell Carcinoma. Cancers, 2020, 12, 1602.	1.7	42
124	Activation of AMPâ€activated protein kinase during sepsis/inflammation improves survival by preserving cellular metabolic fitness. FASEB Journal, 2020, 34, 7036-7057.	0.2	42
125	Sodium status influences chronic amphotericin B nephrotoxicity in rats. Antimicrobial Agents and Chemotherapy, 1989, 33, 1222-1227.	1.4	41
126	Intravenous adenosine suppresses cardiac release of endothelin after myocardial ischaemia and reperfusion. Cardiovascular Research, 1993, 27, 121-128.	1.8	41

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127	Adenosine Inhibits Collagen and Total Protein Synthesis in Vascular Smooth Muscle Cells. Hypertension, 1999, 33, 190-194.	1.3	41
128	Angiotensin II Signaling to Phospholipase D in Renal Microvascular Smooth Muscle Cells in SHR. Hypertension, 2001, 37, 635-639.	1.3	41
129	cAMP-Adenosine Pathway in the Proximal Tubule. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 1219-1229.	1.3	41
130	Thromboxane Synthetase Inhibitor UK38,485 Lowers Blood Pressure in the Adult Spontaneously Hypertensive Rat. Journal of Cardiovascular Pharmacology, 1984, 6, 969-972.	0.8	40
131	Methoxyestradiols Mediate the Antimitogenic Effects of Locally Applied Estradiol on Cardiac Fibroblast Growth. Hypertension, 2002, 39, 412-417.	1.3	40
132	2-Hydroxyestradiol Attenuates Renal Disease in Chronic Puromycin Aminonucleoside Nephropathy. Journal of the American Society of Nephrology: JASN, 2002, 13, 2737-2747.	3.0	40
133	2-Hydroxyestradiol Is a Prodrug of 2-Methoxyestradiol. Journal of Pharmacology and Experimental Therapeutics, 2004, 309, 1093-1097.	1.3	40
134	Estradiol Metabolites Attenuate Renal and Cardiovascular Injury Induced by Chronic Nitric Oxide Synthase Inhibition. Journal of Cardiovascular Pharmacology, 2005, 46, 25-35.	0.8	40
135	2-Ethoxyestradiol is antimitogenic and attenuates monocrotaline-induced pulmonary hypertension and vascular remodeling. Vascular Pharmacology, 2008, 48, 174-183.	1.0	40
136	2-Methoxyestradiol and 2-Ethoxyestradiol Retard the Progression of Renal Disease in Aged, Obese, Diabetic ZSF1 Rats. Journal of Cardiovascular Pharmacology, 2007, 49, 56-63.	0.8	39
137	Endogenous adenosine restrains renin release in conscious rats.. Circulation Research, 1990, 66, 637-646.	2.0	38
138	Intraperitoneal, but not enteric, adenosine administration improves survival after volume-controlled hemorrhagic shock in rats. Critical Care Medicine, 2001, 29, 1767-1773.	0.4	38
139	Administration of adenosine receptor agonists or antagonists after controlled cortical impact in mice: effects on function and histopathology. Brain Research, 2002, 951, 191-201.	1.1	38
140	Estradiol Stimulates Capillary Formation by Human Endothelial Progenitor Cells. Hypertension, 2010, 56, 397-404.	1.3	38
141	Role of CNPase in the oligodendrocytic extracellular 2â€²,3â€²-cAMP-adenosine pathway. Glia, 2013, 61, 1595-1606.	2.5	38
142	Chronic caffeine administration exacerbates renovascular, but not genetic, hypertension in rats.. Journal of Clinical Investigation, 1986, 78, 1045-1050.	3.9	38
143	Attenuation of the development of hypertension in spontaneously hypertensive rats by the thromboxane synthetase inhibitor, 4â€²-(imidazol-1-yl) acetophenone. Prostaglandins, 1982, 24, 237-244.	1.2	36
144	Adenosine Biosynthesis in the Collecting Duct. Journal of Pharmacology and Experimental Therapeutics, 2003, 307, 888-896.	1.3	36

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145	A 1 Adenosine Receptor Upregulation Accompanies Decreasing Myocardial Adenosine Levels in Mice With Left Ventricular Dysfunction. Circulation, 2007, 115, 2307-2315.	1.6	36
146	Effect of Dipeptidyl Peptidase 4 Inhibition on Arterial Blood Pressure Is Context Dependent. Hypertension, 2015, 65, 238-249.	1.3	36
147	Angiotensin II-noradrenergic interactions in renovascular hypertensive rats.. Journal of Clinical Investigation, 1987, 80, 443-457.	3.9	36
148	Increased 2-Methoxyestradiol Production in Human Coronary Versus Aortic Vascular Cells. Hypertension, 2001, 37, 658-662.	1.3	35
149	Extracellular 2â€²,3â€²-Cyclic Adenosine Monophosphate Is a Potent Inhibitor of Preglomerular Vascular Smooth Muscle Cell and Mesangial Cell Growth. Hypertension, 2010, 56, 151-158.	1.3	35
150	Discovery and Roles of 2â€²,3â€²-cAMP in Biological Systems. Handbook of Experimental Pharmacology, 2015, 238, 229-252.	0.9	35
151	Attenuation of cisplatinum-induced nephrotoxicity in the rat by high salt diet, furosemide and acetazolamide. Naunyn-Schmiedeberg's Archives of Pharmacology, 1985, 329, 201-205.	1.4	34
152	Î±2-Adrenoceptors Potentiate Angiotensin II- and Vasopressin-Induced Renal Vasoconstriction in Spontaneously Hypertensive Rats. Journal of Pharmacology and Experimental Therapeutics, 2003, 305, 581-586.	1.3	34
153	Characterization of the Effects of Adenosine Receptor Agonists on Cerebral Blood Flow in Uninjured and Traumatically Injured Rat Brain using Continuous Arterial Spin-Labeled Magnetic Resonance Imaging. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 1596-1612.	2.4	34
154	Adenosine Inhibits PDGF-Induced Growth of Human Glomerular Mesangial Cells Via A 2B Receptors. Hypertension, 2005, 46, 628-634.	1.3	34
155	Expression of the 2â€²,3â€²â€cAMPâ€adenosine pathway in astrocytes and microglia. Journal of Neurochemistry, 2011, 118, 979-987.	2.1	34
156	NPY_{1â€“36}and PYY_{1â€“36}activate cardiac fibroblasts: an effect enhanced by genetic hypertension and inhibition of dipeptidyl peptidase 4. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1528-H1542.	1.5	34
157	Prevention of Skin Carcinogenesis by the Î²-Blocker Carvedilol. Cancer Prevention Research, 2015, 8, 27-36.	0.7	34
158	Indomethacin decreases arterial blood pressure and plasma renin activity in rats with aortic ligation.. Circulation Research, 1981, 49, 180-185.	2.0	33
159	Rat Models of the Metabolic Syndrome. , 2003, 86, 29-46.		33
160	Murine orthostatic response during prolonged vertical studies: Effect on cerebral blood flow measured by arterial spin-labeled MRI. Magnetic Resonance in Medicine, 2005, 54, 798-806.	1.9	33
161	Cytochromes 1A1/1B1- and Catechol-O-Methyltransferase-Derived Metabolites Mediate Estradiol-Induced Antimitogenesis in Human Cardiac Fibroblast. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 247-255.	1.8	33
162	CHRONIC NORADRENALINE INCREASES RENAL EXPRESSION OF NHE-3, NBC-1, BSC-1 AND AQUAPORIN-2. Clinical and Experimental Pharmacology and Physiology, 2008, 35, 594-600.	0.9	33

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