Michael Bader

List of Publications by Year
in descending order

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570 papers	34,284 citations	2675 95 h-index	6471 157 g-index
586 all docs	586 docs citations	586 times ranked	29819 citing authors

#	Article	IF	Citations
1	Angiotensin-(1â€“7) is an endogenous ligand for the G protein-coupled receptor Mas. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8258-8263.	7.1	1,555
2	Synthesis of Serotonin by a Second Tryptophan Hydroxylase Isoform. Science, 2003, 299, 76-76.	12.6	1,308
3	The ACE2/Angiotensin-(1â€“7)/MAS Axis of the Renin-Angiotensin System: Focus on Angiotensin-(1â€“7). Physiological Reviews, 2018, 98, 505-553.	28.8	756
4	Platelet-Derived Serotonin Mediates Liver Regeneration. Science, 2006, 312, 104-107.	12.6	701
5	A unique central tryptophan hydroxylase isoform. Biochemical Pharmacology, 2003, 66, 1673-1680.	4.4	614
6	Weight Loss and the Renin-Angiotensin-Aldosterone System. Hypertension, 2005, 45, 356-362.	2.7	554
7	Serotonylation of Small GTPases Is a Signal Transduction Pathway that Triggers Platelet Î±-Granule Release. Cell, 2003, 115, 851-862.	28.9	426
8	Angiotensin-converting enzyme 2, angiotensin-(1â€“7) and Mas: new players of the reninâ€“angiotensin system. Journal of Endocrinology, 2013, 216, R1-R17.	2.6	414
9	Lrp5 functions in bone to regulate bone mass. Nature Medicine, 2011, 17, 684-691.	30.7	404
10	Discovery and Characterization of Alamandine. Circulation Research, 2013, 112, 1104-1111.	4.5	323
11	Growth retardation and altered autonomic control in mice lacking brain serotonin. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10332-10337.	7.1	305
12	Intracellular Serotonin Modulates Insulin Secretion from Pancreatic Î²-Cells by Protein Serotonylation. PLoS Biology, 2009, 7, e1000229.	5.6	298
13	Histone serotonylation is a permissive modification that enhances TFIID binding to H3K4me3. Nature, 2019, 567, 535-539.	27.8	292
14	Preimplantation-stage stem cells induce long-term allogeneic graft acceptance without supplementary host conditioning. Nature Medicine, 2002, 8, 171-178.	30.7	290
15	Tissue Renin-Angiotensin-Aldosterone Systems: Targets for Pharmacological Therapy. Annual Review of Pharmacology and Toxicology, 2010, 50, 439-465.	9.4	281
16	Expression of nitric oxide synthase in kidney macula densa cells. Kidney International, 1992, 42, 1017-1019.	5.2	269
17	Platelet serotonin promotes the recruitment of neutrophils to sites of acute inflammation in mice. Blood, 2013, 121, 1008-1015.	1.4	260
18	Axonal transcription factors signal retrogradely in lesioned peripheral nerve. EMBO Journal, 2012, 31, 1350-1363.	7.8	241

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19	Update on tissue reninâ€“angiotensin systems. Journal of Molecular Medicine, 2008, 86, 615-621.	3.9	235
20	Impaired Endothelium-Derived Hyperpolarizing Factor-Mediated Dilations and Increased Blood Pressure in Mice Deficient of the Intermediate-Conductance Ca 2+ -Activated K + Channel. Circulation Research, 2006, 99, 537-544.	4.5	231
21	Tissue renin-angiotensin systems: new insights from experimental animal models in hypertension research. Journal of Molecular Medicine, 2001, 79, 76-102.	3.9	230
22	Aggravation of viral hepatitis by platelet-derived serotonin. Nature Medicine, 2008, 14, 756-761.	30.7	222
23	Differential use of importin-Î± isoforms governs cell tropism and host adaptation of influenza virus. Nature Communications, 2011, 2, 156.	12.8	222
24	Serotonin Regulates Mammary Gland Development via an Autocrine-Paracrine Loop. Developmental Cell, 2004, 6, 193-203.	7.0	219
25	Mas Deficiency in FVB/N Mice Produces Marked Changes in Lipid and Glycemic Metabolism. Diabetes, 2008, 57, 340-347.	0.6	219
26	The renin-angiotensin system: going beyond the classical paradigms. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H958-H970.	3.2	218
27	Prorenin and Renin-Induced Extracellular Signal-Regulated Kinase 1/2 Activation in Monocytes Is Not Blocked by Aliskiren or the Handle-Region Peptide. Hypertension, 2008, 51, 682-688.	2.7	212
28	Central control of fever and female body temperature by RANKL/RANK. Nature, 2009, 462, 505-509.	27.8	212
29	Impairment of In Vitro and In Vivo Heart Function in Angiotensin-(1-7) Receptor Mas Knockout Mice. Hypertension, 2006, 47, 996-1002.	2.7	211
30	Angiotensin(1-7) Blunts Hypertensive Cardiac Remodeling by a Direct Effect on the Heart. Circulation Research, 2008, 103, 1319-1326.	4.5	206
31	Elevated Blood Pressure and Heart Rate in Human Renin Receptor Transgenic Rats. Hypertension, 2006, 47, 552-556.	2.7	196
32	Combining Mass Spectrometry and Pull-Down Techniques for the Study of Receptor Heteromerization. Direct Epitopeâ^'Epitope Electrostatic Interactions between Adenosine A2Aand Dopamine D2Receptors. Analytical Chemistry, 2004, 76, 5354-5363.	6.5	195
33	SDF-1Î± as a therapeutic stem cell homing factor in myocardial infarction. , 2011, 129, 97-108.		192
34	Prorenin is the endogenous agonist of the (pro)renin receptor. Binding kinetics of renin and prorenin in rat vascular smooth muscle cells overexpressing the human (pro)renin receptor. Journal of Hypertension, 2007, 25, 2441-2453.	0.5	189
35	Sustained Long Term Potentiation and Anxiety in Mice Lacking theMas Protooncogene. Journal of Biological Chemistry, 1998, 273, 11867-11873.	3.4	185
36	Serotonin Is Required for Exercise-Induced Adult Hippocampal Neurogenesis. Journal of Neuroscience, 2013, 33, 8270-8275.	3.6	185

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37	Direct Angiotensin II Type 2 Receptor Stimulation Acts Anti-Inflammatory Through Epoxyeicosatrienoic Acid and Inhibition of Nuclear Factor Î¹B. Hypertension, 2010, 55, 924-931.	2.7	182
38	Prorenin Receptor Is Essential for Podocyte Autophagy and Survival. Journal of the American Society of Nephrology: JASN, 2011, 22, 2193-2202.	6.1	179
39	Endothelial Dysfunction and Elevated Blood Pressure in Mas Gene-Deleted Mice. Hypertension, 2008, 51, 574-580.	2.7	178
40	Expression of an angiotensin-(1â€“7)-producing fusion protein produces cardioprotective effects in rats. Physiological Genomics, 2004, 17, 292-299.	2.3	169
41	The transcription factor grainyhead-like 2 regulates the molecular composition of the epithelial apical junctional complex. Development (Cambridge), 2010, 137, 3835-3845.	2.5	169
42	Overview on 5-HT receptors and their role in physiology and pathology of the central nervous system. Pharmacological Reports, 2009, 61, 761-777.	3.3	167
43	Transgenic Angiotensin-Converting Enzyme 2 Overexpression in Vessels of SHRSP Rats Reduces Blood Pressure and Improves Endothelial Function. Hypertension, 2008, 52, 967-973.	2.7	166
44	Mass-Spectrometric Identification of a Novel Angiotensin Peptide in Human Plasma. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 297-302.	2.4	165
45	Evidence for a Functional Interaction of the Angiotensin-(1â€“7) Receptor Mas With AT 1 and AT 2 Receptors in the Mouse Heart. Hypertension, 2005, 46, 937-942.	2.7	158
46	Nonpeptide AVE 0991 Is an Angiotensin-(1â€“7) Receptor Mas Agonist in the Mouse Kidney. Hypertension, 2004, 44, 490-496.	2.7	155
47	Ang II (Angiotensin II) Conversion to Angiotensin-(1-7) in the Circulation Is POP (Prolyloligopeptidase)-Dependent and ACE2 (Angiotensin-Converting Enzyme 2)-Independent. Hypertension, 2020, 75, 173-182.	2.7	155
48	Decreased Liver Fatty Acid Binding Capacity and Altered Liver Lipid Distribution in Mice Lacking the Liver Fatty Acid-binding Protein Gene. Journal of Biological Chemistry, 2003, 278, 21429-21438.	3.4	150
49	Platelets and platelet-derived serotonin promote tissue repair after normothermic hepatic ischemia in mice. Hepatology, 2007, 45, 369-376.	7.3	150
50	Anti-Inflammatory Effects of the Activation of the Angiotensin-(1â€“7) Receptor, Mas, in Experimental Models of Arthritis. Journal of Immunology, 2010, 185, 5569-5576.	0.8	150
51	Molecular Mechanisms Involved in the Angiotensin-(1-7)/Mas Signaling Pathway in Cardiomyocytes. Hypertension, 2008, 52, 542-548.	2.7	147
52	Mas and Its Related G Proteinâ€“Coupled Receptors, Mrgprs. Pharmacological Reviews, 2014, 66, 1080-1105.	16.0	147
53	Serotonin Mediates Oxidative Stress and Mitochondrial Toxicity in a Murine Model of Nonalcoholic Steatohepatitis. Gastroenterology, 2007, 133, 608-618.	1.3	143
54	Improved Lipid and Glucose Metabolism in Transgenic Rats With Increased Circulating Angiotensin-(1-7). Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 953-961.	2.4	143

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55	Restoration of muscle strength in dystrophic muscle by angiotensin-1-7 through inhibition of TGF-Î² signalling. Human Molecular Genetics, 2014, 23, 1237-1249.	2.9	143
56	Blood pressure response to chronic episodic hypoxia: the renin-angiotensin system. Journal of Applied Physiology, 2002, 92, 627-633.	2.5	142
57	Smooth-muscle contraction without smooth-muscle myosin. Nature Cell Biology, 2000, 2, 371-375.	10.3	141
58	ACE2â€“angiotensin-(1â€“7)â€“Mas axis and oxidative stress in cardiovascular disease. Hypertension Research, 2011, 34, 154-160.	2.7	141
59	Emergence and evolution of the reninâ€“angiotensinâ€–aldosterone system. Journal of Molecular Medicine, 2012, 90, 495-508.	3.9	138
60	Blockade of Bradykinin Receptor B1 but Not Bradykinin Receptor B2 Provides Protection From Cerebral Infarction and Brain Edema. Stroke, 2009, 40, 285-293.	2.0	136
61	Inhibition of pressure natriuresis in mice lacking the AT2 receptor. Kidney International, 2000, 57, 191-202.	5.2	134
62	ACE2, angiotensin-(1â€“7), and Mas: the other side of the coin. Pflugers Archiv European Journal of Physiology, 2013, 465, 79-85.	2.8	133
63	Age-related shift in LTD is dependent on neuronal adenosine A2A receptors interplay with mGluR5 and NMDA receptors. Molecular Psychiatry, 2020, 25, 1876-1900.	7.9	129
64	The Antithrombotic Effect of Angiotensin-(1-7) Involves Mas-Mediated NO Release from Platelets. Molecular Medicine, 2008, 14, 28-35.	4.4	128
65	Intrarenal Renin Angiotensin System Revisited. Journal of Biological Chemistry, 2010, 285, 41935-41946.	3.4	128
66	Renal effects of Tamm-Horsfall protein (uromodulin) deficiency in mice. American Journal of Physiology - Renal Physiology, 2005, 288, F559-F567.	2.7	127
67	Selected Contribution: Altered vascular reactivity in arterioles of chronic intermittent hypoxic rats. Journal of Applied Physiology, 2001, 90, 2007-2013.	2.5	126
68	Prorenin and Its Ancient Receptor. Hypertension, 2006, 48, 549-551.	2.7	125
69	Genetic deletion of the angiotensin-(1â€“7) receptor Mas leads to glomerular hyperfiltration and microalbuminuria. Kidney International, 2009, 75, 1184-1193.	5.2	125
70	Expression of the mouse and ratmasproto-oncogene in the brain and peripheral tissues. FEBS Letters, 1995, 357, 27-32.	2.8	124
71	In vivo bradykinin B2 receptor activation reduces renal fibrosis. Journal of Clinical Investigation, 2002, 110, 371-379.	8.2	123
72	Characterization of the Han:SPRD rat model for hereditary polycystic kidney disease. Kidney International, 1994, 46, 134-152.	5.2	121

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73	Blood Pressureâ€“Independent Effects in Rats With Human Renin and Angiotensinogen Genes. Hypertension, 2000, 35, 587-594.	2.7	120
74	Glucoâ€•and mineralocorticoid receptorâ€•mediated regulation of neurotrophic factor gene expression in the dorsal hippocampus and the neocortex of the rat. European Journal of Neuroscience, 2000, 12, 2918-2934.	2.6	119
75	Bradykinin-Induced Microglial Migration Mediated by B₁-Bradykinin Receptors Depends on Ca²⁺Influx via Reverse-Mode Activity of the Na⁺/Ca²⁺Exchanger. Journal of Neuroscience, 2007, 27, 13065-13073.	3.6	119
76	Genetically altered animal models for Mas and angiotensinâ€(1â€“7). Experimental Physiology, 2008, 93, 528-537.	2.0	119
77	Serotonin Regulates Macrophage-Mediated Angiogenesis in a Mouse Model of Colon Cancer Allografts. Cancer Research, 2008, 68, 5152-5158.	0.9	119
78	Cardiac hypertrophy in transgenic rats expressing a dominant-negative mutant of the natriuretic peptide receptor B. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 4735-4740.	7.1	118
79	Overexpression of the C-type natriuretic peptide (CNP) is associated with overgrowth and bone anomalies in an individual with balanced t(2;7) translocation. Human Mutation, 2007, 28, 724-731.	2.5	118
80	Activation of kinin receptor B1 limits encephalitogenic T lymphocyte recruitment to the central nervous system. Nature Medicine, 2009, 15, 788-793.	30.7	118
81	Working memory deficits in transgenic rats overexpressing human adenosine A2A receptors in the brain. Neurobiology of Learning and Memory, 2007, 87, 42-56.	1.9	115
82	Transgenic activation of the kallikreinâ€kinin system inhibits intramyocardial inflammation, endothelial dysfunction, and oxidative stress in experimental diabetic cardiomyopathy. FASEB Journal, 2005, 19, 2057-2059.	0.5	114
83	Targeting Kinin B1Receptor for Therapeutic Neovascularization. Circulation, 2002, 105, 360-366.	1.6	113
84	The Endothelium-Dependent Vasodilator Effect of the Nonpeptide Ang(1-7) Mimic AVE 0991 Is Abolished in the Aorta of Mas-Knockout Mice. Journal of Cardiovascular Pharmacology, 2005, 46, 274-279.	1.9	113
85	Connective Tissue Growth Factor Overexpression in Cardiomyocytes Promotes Cardiac Hypertrophy and Protection against Pressure Overload. PLoS ONE, 2009, 4, e6743.	2.5	113
86	Reduced cardiac hypertrophy and altered blood pressure control in transgenic rats with the human tissue kallikrein gene. FASEB Journal, 2000, 14, 1858-1860.	0.5	112
87	Evidence for the participation of kinins in Freund's adjuvant-induced inflammatory and nociceptive responses in kinin B1 and B2 receptor knockout mice. Neuropharmacology, 2001, 41, 1006-1012.	4.1	112
88	Angiotensin-(1-7) Prevents Cardiomyocyte Pathological Remodeling Through a Nitric Oxide/Guanosine 3â€²,5â€²-Cyclic Monophosphateâ€“Dependent Pathway. Hypertension, 2010, 55, 153-160.	2.7	112
89	ACE2 in Brain Physiology and Pathophysiology: Evidence from Transgenic Animal Models. Neurochemical Research, 2019, 44, 1323-1329.	3.3	112
90	Apoptosis Repressor With Caspase Recruitment Domain Is Required for Cardioprotection in Response to Biomechanical and Ischemic Stress. Circulation, 2006, 113, 1203-1212.	1.6	109

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91	Stretchâ€“Activation of Angiotensin II Type 1 _a Receptors Contributes to the Myogenic Response of Mouse Mesenteric and Renal Arteries. Circulation Research, 2014, 115, 263-272.	4.5	108
92	Vascular Relaxation, Antihypertensive Effect, and Cardioprotection of a Novel Peptide Agonist of the Mas Receptor. Hypertension, 2010, 56, 112-120.	2.7	106
93	Effect of Tryptophan Hydroxylase 1 Deficiency on the Development of Hypoxia-Induced Pulmonary Hypertension. Hypertension, 2007, 49, 232-236.	2.7	105
94	Life without brain serotonin: Reevaluation of serotonin function with mice deficient in brain serotonin synthesis. Behavioural Brain Research, 2015, 277, 78-88.	2.2	104
95	Gene Deletion of the Kinin Receptor B1 Attenuates Cardiac Inflammation and Fibrosis During the Development of Experimental Diabetic Cardiomyopathy. Diabetes, 2009, 58, 1373-1381.	0.6	102
96	Ischemic injury in experimental stroke depends on angiotensin II. FASEB Journal, 2002, 16, 169-176.	0.5	99
97	Prevention of cardiac fibrosis and left ventricular dysfunction in diabetic cardiomyopathy in rats by transgenic expression of the human tissue kallikrein gene. FASEB Journal, 2004, 18, 828-835.	0.5	97
98	The use of kinin B1 and B2 receptor knockout mice and selective antagonists to characterize the nociceptive responses caused by kinins at the spinal level. Neuropharmacology, 2002, 43, 1188-1197.	4.1	96
99	Mice deficient for both kinin receptors are normotensive and protected from endotoxinâ€induced hypotension. FASEB Journal, 2007, 21, 1689-1698.	0.5	96
100	Inhibition of Bradykinin Receptor B1 Protects Mice from Focal Brain Injury by Reducing Bloodâ€“Brain Barrier Leakage and Inflammation. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1477-1486.	4.3	96
101	Dynamics of DNAâ€demethylation in early mouse and rat embryos developed in vivo and in vitro. Molecular Reproduction and Development, 2007, 74, 1255-1261.	2.0	94
102	CXCL5 limits macrophage foam cell formation in atherosclerosis. Journal of Clinical Investigation, 2013, 123, 1343-1347.	8.2	94
103	Angiotensin II receptor blockade in TGR(mREN2)27: effects of renin???angiotensin-system gene expression and cardiovascular functions. Journal of Hypertension, 1995, 13, 891-899.	0.5	91
104	Molecular Cloning and Functional Characterization of a Mouse Bradykinin B1 Receptor Gene. Biochemical and Biophysical Research Communications, 1996, 220, 219-225.	2.1	91
105	The Brain Renin-Angiotensin System Modulates Angiotensin IIâ€“Induced Hypertension and Cardiac Hypertrophy. Hypertension, 2000, 35, 409-412.	2.7	90
106	Angiotensin typeÂ2 receptor (AT2R) and receptor Mas: a complex liaison. Clinical Science, 2015, 128, 227-234.	4.3	89
107	An orally active formulation of angiotensin-(1-7) produces an antithrombotic effect. Clinics, 2011, 66, 837-841.	1.5	89
108	Trypanosoma cruzi induces edematogenic responses in mice and invades cardiomyocytes and endothelial cells in vitro by activating distinct kinin receptor subtypes (B1/B2). FASEB Journal, 2003, 17, 73-75.	0.5	88

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109	Aliskiren-Binding Increases the Half Life of Renin and Prorenin in Rat Aortic Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1151-1157.	2.4	88
110	Diabetic Hypertensive Leptin Receptorâ€“Deficient db/db Mice Develop Cardioregulatory Autonomic Dysfunction. Hypertension, 2009, 53, 387-392.	2.7	88
111	Role of the Local Reninâ€“angiotensin System in Cardiac Damage: a Minireview Focussing on Transgenic Animal Models. Journal of Molecular and Cellular Cardiology, 2002, 34, 1455-1462.	1.9	87
112	Evidence for Heterodimerization and Functional Interaction of the Angiotensin Type 2 Receptor and the Receptor MAS. Hypertension, 2017, 69, 1128-1135.	2.7	87
113	Transposonâ€mediated transgenesis, transgenic rescue, and tissueâ€specific gene expression in rodents and rabbits. FASEB Journal, 2013, 27, 930-941.	0.5	86
114	The past, present and future of angiotensin II type 2 receptor stimulation. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2010, 11, 67-73.	1.7	83
115	A Novel Inflammatory Pathway Involved in Leukocyte Recruitment: Role for the Kinin B1 Receptor and the Chemokine CXCL5. Journal of Immunology, 2007, 179, 4849-4856.	0.8	82
116	Down-regulation of Catalase and Oxidative Modification of Protein Kinase CK2 Lead to the Failure of Apoptosis Repressor with Caspase Recruitment Domain to Inhibit Cardiomyocyte Hypertrophy. Journal of Biological Chemistry, 2008, 283, 5996-6004.	3.4	82
117	Converging Evidence in Support of the Serotonin Hypothesis of Dexfenfluramine-Induced Pulmonary Hypertension With Novel Transgenic Mice. Circulation, 2008, 117, 2928-2937.	1.6	82
118	REVIEW: Behavioral evidence for the significance of serotoninergic (5â€HT) receptors in cocaine addiction. Addiction Biology, 2010, 15, 227-249.	2.6	82
119	Alterations in Blood Pressure and Heart Rate Variability in Transgenic Rats With Low Brain Angiotensinogen. Hypertension, 2001, 37, 408-413.	2.7	81
120	Interactions Between Angiotensin-(1-7), Kinins, and Angiotensin II in Kidney and Blood Vessels. Hypertension, 2001, 38, 660-664.	2.7	79
121	Role of Bradykinin B2 and B1 Receptors in the Local, Remote, and Systemic Inflammatory Responses That Follow Intestinal Ischemia and Reperfusion Injury. Journal of Immunology, 2004, 172, 2542-2548.	0.8	79
122	Physiology of the (pro)renin receptor: Wnt of change?. Kidney International, 2010, 78, 246-256.	5.2	77
123	Reduced Nerve Injury-Induced Neuropathic Pain in Kinin B1 Receptor Knock-Out Mice. Journal of Neuroscience, 2005, 25, 2405-2412.	3.6	76
124	The Role of Bradykinin B₁ and B₂ Receptors for Secondary Brain Damage after Traumatic Brain Injury in Mice. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 130-139.	4.3	76
125	Overexpression of Adenosine A2A Receptors in Rats: Effects on Depression, Locomotion, and Anxiety. Frontiers in Psychiatry, 2014, 5, 67.	2.6	76
126	Angiotensin-(1â€“7)/Mas axis integrity is required for the expression of object recognition memory. Neurobiology of Learning and Memory, 2012, 97, 113-123.	1.9	74

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127	Oral administration of angiotensin-(1â€“7) ameliorates type 2 diabetes in rats. Journal of Molecular Medicine, 2014, 92, 255-265.	3.9	74
128	Peripheral Serotonin Synthesis as a New Drug Target. Trends in Pharmacological Sciences, 2018, 39, 560-572.	8.7	74
129	Increased circulating angiotensin-(1â€“7) protects white adipose tissue against development of a proinflammatory state stimulated by a high-fat diet. Regulatory Peptides, 2012, 178, 64-70.	1.9	73
130	Regulation of renin: new evidence from cultured cells and genetically modified mice. Journal of Molecular Medicine, 2000, 78, 130-139.	3.9	72
131	Altered Neutrophil Homeostasis in Kinin B1 Receptor-Deficient Mice. Biological Chemistry, 2001, 382, 91-5.	2.5	71
132	Postnatal Growth Defects in Mice with Constitutive Depletion of Central Serotonin. ACS Chemical Neuroscience, 2013, 4, 171-181.	3.5	71
133	Interaction Between Mas and the Angiotensin AT1 Receptor in the Amygdala. Journal of Neurophysiology, 2000, 83, 2012-2021.	1.8	70
134	Neprilysin is a Mediator of Alternative Renin-Angiotensin-System Activation in the Murine and Human Kidney. Scientific Reports, 2016, 6, 33678.	3.3	70
135	Brain Reninâ€“Angiotensin System. Hypertension, 2017, 69, 1136-1144.	2.7	69
136	Tryptophan Hydroxylase as Novel Target for the Treatment of Depressive Disorders. Pharmacology, 2010, 85, 95-109.	2.2	68
137	Larger Anastomoses in Angiotensinogen-Knockout Mice Attenuate Early Metabolic Disturbances after Middle Cerebral Artery Occlusion. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 1092-1098.	4.3	66
138	Mechanisms of the anti-inflammatory actions of the angiotensin type 1 receptor antagonist losartan in experimental models of arthritis. Peptides, 2013, 46, 53-63.	2.4	66
139	Proteomic Analysis Reveals Alterations in the Renal Kallikrein Pathway during Hypoxia-Induced Hypertension. Journal of Biological Chemistry, 2002, 277, 34708-34716.	3.4	65
140	Specification and differentiation of serotonergic neurons. Stem Cell Reviews and Reports, 2006, 2, 5-10.	5.6	65
141	Loss of Myocardial Ischemic Postconditioning in Adenosine A ₁ and Bradykinin B ₂ Receptors Gene Knockout Mice. Circulation, 2008, 118, S32-7.	1.6	65
142	Role of the receptor Mas in macrophage-mediated inflammation in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14109-14114.	7.1	65
143	Angiotensin-(1-7) attenuates disuse skeletal muscle atrophy via the Mas receptor. DMM Disease Models and Mechanisms, 2016, 9, 441-9.	2.4	65
144	In vivo bradykinin B2 receptor activation reduces renal fibrosis. Journal of Clinical Investigation, 2002, 110, 371-379.	8.2	64

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145	Ablation of angiotensin (1-7) receptor Mas in C57Bl/6 mice causes endothelial dysfunction. Journal of the American Society of Hypertension, 2008, 2, 418-424.	2.3	63
146	Normal Blood Pressure and Renal Function in Mice Lacking the Bradykinin B ₂ Receptor. Hypertension, 2001, 37, 1473-1479.	2.7	61
147	Kinin B1 Receptor Deficiency Leads to Leptin Hypersensitivity and Resistance to Obesity. Diabetes, 2008, 57, 1491-1500.	0.6	61
148	A Grhl2-dependent gene network controls trophoblast branching morphogenesis. Development (Cambridge), 2015, 142, 1125-1136.	2.5	61
149	Alternative Splicing and Extensive RNA Editing of Human TPH2 Transcripts. PLoS ONE, 2010, 5, e8956.	2.5	61
150	Crosstalk between the reninâ€“angiotensin, complement and kallikreinâ€“kinin systems in inflammation. Nature Reviews Immunology, 2022, 22, 411-428.	22.7	61
151	Angiotensin peptides acting at rostral ventrolateral medulla contribute to hypertension of TGR(mREN2)27 rats. Physiological Genomics, 2000, 2, 137-142.	2.3	60
152	Accelerated Mitochondrial Adenosine Diphosphate/Adenosine Triphosphate Transport Improves Hypertension-Induced Heart Disease. Circulation, 2007, 115, 333-344.	1.6	60
153	Detrimental implication of B1 receptors in myocardial ischemia: evidence from pharmacological blockade and gene knockout mice. International Immunopharmacology, 2002, 2, 815-822.	3.8	59
154	Role of the B1Kinin Receptor in the Regulation of Cardiac Function and Remodeling After Myocardial Infarction. Hypertension, 2005, 45, 747-753.	2.7	59
155	Expression of an angiotensin-(1-7)-producing fusion protein in rats induced marked changes in regional vascular resistance. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H2485-H2490.	3.2	59
156	The Angiotensin-Melatonin Axis. International Journal of Hypertension, 2013, 2013, 1-7.	1.3	58
157	Bradykinin B₁Receptor Expression Induced by Tissue Damage in the Rat Portal Vein. Circulation Research, 2004, 94, 1375-1382.	4.5	57
158	Beneficial Effects of the Activation of the Angiotensin-(1â€“7) Mas Receptor in a Murine Model of Adriamycin-Induced Nephropathy. PLoS ONE, 2013, 8, e66082.	2.5	57
159	Kinin B1 receptors as a therapeutic target for inflammation. Expert Opinion on Therapeutic Targets, 2018, 22, 31-44.	3.4	56
160	Differential Gene Expression of Renin and Angiotensinogen in the TGR(mREN-2)27 Transgenic Rat. Hypertension, 1995, 25, 570-580.	2.7	56
161	Human volunteer study on the inhalational and dermal absorption of N-methyl-2-pyrrolidone (NMP) from the vapour phase. Archives of Toxicology, 2008, 82, 13-20.	4.2	55
162	A Novel KCNJ5-insT149 Somatic Mutation Close to, but Outside, the Selectivity Filter Causes Resistant Hypertension by Loss of Selectivity for Potassium. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1765-E1773.	3.6	55

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163	The caffeine-binding adenosine A2A receptor induces age-like HPA-axis dysfunction by targeting glucocorticoid receptor function. Scientific Reports, 2016, 6, 31493.	3.3	55
164	Alamandine acts via MrgD to induce AMPK/NO activation against ANG II hypertrophy in cardiomyocytes. American Journal of Physiology - Cell Physiology, 2018, 314, C702-C711.	4.6	55
165	The synthesis and distribution of the kinin B1 and B2 receptors are modified in the hippocampus of rats submitted to pilocarpine model of epilepsy. Brain Research, 2004, 1006, 114-125.	2.2	54
166	Impairment of the angiotensin-converting enzyme 2â€“angiotensin-(1-7)-Mas axis contributes to the acceleration of two-kidney, one-clip Goldblatt hypertension. Journal of Hypertension, 2009, 27, 1988-2000.	0.5	54
167	The FunGenES Database: A Genomics Resource for Mouse Embryonic Stem Cell Differentiation. PLoS ONE, 2009, 4, e6804.	2.5	54
168	The Vesicular Monoamine Content Regulates VMAT2 Activity through GÎ±q in Mouse Platelets. Journal of Biological Chemistry, 2003, 278, 15850-15858.	3.4	53
169	Evidence that the vasodilator angiotensin-(1â€“7)-Mas axis plays an important role in erectile function. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H2588-H2596.	3.2	53
170	Depletion of angiotensin-converting enzyme 2 reduces brain serotonin and impairs the running-induced neurogenic response. Cellular and Molecular Life Sciences, 2018, 75, 3625-3634.	5.4	53
171	Abolition of Hypertension-Induced End-Organ Damage by Androgen Receptor Blockade in Transgenic Rats Harboring the Mouse Ren-2 Gene. Journal of the American Society of Nephrology: JASN, 2002, 13, 2681-2687.	6.1	52
172	Genetic Deletion of ACE2 Induces Vascular Dysfunction in C57BL/6 Mice: Role of Nitric Oxide Imbalance and Oxidative Stress. PLoS ONE, 2016, 11, e0150255.	2.5	52
173	Reduction of cardiac hypertrophy in TGR(mREN2)27 by angiotensin II receptor blockade. Molecular and Cellular Biochemistry, 1996, 163-164, 217-221.	3.1	51
174	Renoprotective Effects of AVE0991, a Nonpeptide Mas Receptor Agonist, in Experimental Acute Renal Injury. International Journal of Hypertension, 2012, 2012, 1-8.	1.3	51
175	Abolition of End-Organ Damage by Antiandrogen Treatment in Female Hypertensive Transgenic Rats. Hypertension, 2003, 41, 830-833.	2.7	50
176	Isolation of Oct4-Expressing Extraembryonic Endoderm Precursor Cell Lines. PLoS ONE, 2009, 4, e7216.	2.5	50
177	Neutrophil-Derived Proteinase 3 Induces Kallikrein-Independent Release of a Novel Vasoactive Kinin. Journal of Immunology, 2009, 182, 7906-7915.	0.8	50
178	The role of angiotensinâ€(1â€“7) receptor Mas in spermatogenesis in mice and rats. Journal of Anatomy, 2009, 214, 736-743.	1.5	50
179	Locally synthesized angiotensin modulates pineal melatonin generation. Journal of Neurochemistry, 2002, 80, 328-334.	3.9	49
180	Tissue kallikrein protects against pressure overload-induced cardiac hypertrophy through kinin B2 receptor and glycogen synthase kinase-3Î² activationâ˜†. Cardiovascular Research, 2007, 73, 130-142.	3.8	49

#	Article	IF	Citations
181	Serotonylation: Serotonin Signaling and Epigenetics. Frontiers in Molecular Neuroscience, 2019, 12, 288.	2.9	49
182	Comparison between PMSG- and FSH-induced superovulation for the generation of transgenic rats. Molecular Reproduction and Development, 2002, 63, 177-182.	2.0	48
183	Effects of genetic deletion of angiotensin-(1â€“7) receptor Mas on cardiac function during ischemia/reperfusion in the isolated perfused mouse heart. Life Sciences, 2006, 80, 264-268.	4.3	48
184	Angiotensin-(1-7) attenuates the anxiety and depression-like behaviors in transgenic rats with low brain angiotensinogen. Behavioural Brain Research, 2013, 257, 25-30.	2.2	48
185	Lower Expression of the TWIK-Related Acid-Sensitive K+ Channel 2 (TASK-2) Gene Is a Hallmark of Aldosterone-Producing Adenoma Causing Human Primary Aldosteronism. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E674-E682.	3.6	48
186	Myocardial bradykinin B2-receptor expression at different time points after induction of myocardial infarction. Journal of Hypertension, 2000, 18, 223-228.	0.5	47
187	Brain angiotensin and anxiety-related behavior: The transgenic rat TGR(ASrAOGEN)680. Brain Research, 2005, 1046, 145-156.	2.2	47
188	Lack of weight gain after angiotensin <scp>AT</scp>₁ receptor blockade in dietâ€induced obesity is partly mediated by an angiotensinâ€(1â€“7)/<scp>M</scp>asâ€dependent pathway. British Journal of Pharmacology, 2015, 172, 3764-3778.	5.4	47
189	Embryonic stem cells share immune-privileged features relevant for tolerance induction. Journal of Molecular Medicine, 2002, 80, 343-350.	3.9	46
190	Rat Models of Cardiovascular Diseases. Methods in Molecular Biology, 2010, 597, 403-414.	0.9	46
191	Attenuation of isoproterenol-induced cardiac fibrosis in transgenic rats harboring an angiotensin-(1-7)-producing fusion protein in the heart. Therapeutic Advances in Cardiovascular Disease, 2010, 4, 83-96.	2.1	46
192	The Meaning of Mas. Hypertension, 2018, 72, 1072-1075.	2.7	46
193	Central angiotensin II controls alcohol consumption via its AT1 receptor. FASEB Journal, 2005, 19, 1474-1481.	0.5	45
194	Kinin B2receptor regulates chemokines CCL2 and CCL5 expression and modulates leukocyte recruitment and pathology in experimental autoimmune encephalomyelitis (EAE) in mice. Journal of Neuroinflammation, 2008, 5, 49.	7.2	45
195	Therapeutic targeting of the angiotensin-converting enzyme 2/Angiotensin-(1-7)/Mas cascade in the reninâ€angiotensin system: a patent review. Expert Opinion on Therapeutic Patents, 2012, 22, 567-574.	5.0	45
196	Effects of ACE2 deficiency on physical performance and physiological adaptations of cardiac and skeletal muscle to exercise. Hypertension Research, 2016, 39, 506-512.	2.7	45
197	Importin Î±3 regulates chronic pain pathways in peripheral sensory neurons. Science, 2020, 369, 842-846.	12.6	45
198	Functional Domains of Human Tryptophan Hydroxylase 2 (hTPH2). Journal of Biological Chemistry, 2006, 281, 28105-28112.	3.4	44

#	Article	IF	Citations
199	Angiotensin-Converting Enzyme Inhibition After Experimental Myocardial Infarct. Hypertension, 2008, 51, 1352-1357.	2.7	44
200	Postinfarct sympathetic hyperactivity differentially stimulates expression of tyrosine hydroxylase and norepinephrine transporter. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H99-H106.	3.2	44
201	SORLA/SORL1 Functionally Interacts with SPAK To Control Renal Activation of Na⁺-K⁺-Cl^{â^'} Cotransporter 2. Molecular and Cellular Biology, 2010, 30, 3027-3037.	2.3	44
202	Development of Parthenogenetic Rat Embryos1. Biology of Reproduction, 2003, 68, 829-836.	2.7	43
203	Rat corin gene: molecular cloning and reduced expression in experimental heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1516-H1521.	3.2	43
204	Glial angiotensinogen regulates brain angiotensin II receptors in transgenic rats TGR(ASrAOGEN). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R233-R240.	1.8	42
205	Angiotensin II induces peroxisome proliferator-activated receptor gamma in PC12W cells via angiotensin type 2 receptor activation. Journal of Neurochemistry, 2005, 94, 1395-1401.	3.9	42
206	Community-Wide Experimental Evaluation of the PROSS Stability-Design Method. Journal of Molecular Biology, 2021, 433, 166964.	4.2	42
207	Functional rescue of a defective angiotensin II AT1 receptor mutant by the Mas protooncogene. Regulatory Peptides, 2007, 141, 159-167.	1.9	41
208	Differential role of kinin B1 and B2 receptors in ischemia-induced apoptosis and ventricular remodeling. Peptides, 2007, 28, 1383-1389.	2.4	41
209	Exposure to ultrafine carbon particles at levels below detectable pulmonary inflammation affects cardiovascular performance in spontaneously hypertensive rats. Particle and Fibre Toxicology, 2008, 5, 19.	6.2	41
210	Local reninâ€“angiotensin system and the brainâ€”A continuous quest for knowledge. Peptides, 2011, 32, 1083-1086.	2.4	41
211	Neurolysin Knockout Mice Generation and Initial Phenotype Characterization. Journal of Biological Chemistry, 2014, 289, 15426-15440.	3.4	41
212	Inhibition of serotonin synthesis: A novel therapeutic paradigm. , 2020, 205, 107423.		41
213	Itâ€™s Renin in the Brain. Circulation Research, 2002, 90, 8-10.	4.5	41
214	Sex specific behavioural alterations in Mas-deficient mice. Behavioural Brain Research, 2000, 107, 105-109.	2.2	40
215	Normal brain development in importin-Î±5 deficient-mice. Nature Cell Biology, 2007, 9, 1337-1338.	10.3	40
216	Prolylcarboxypeptidase deficiency is associated with increased blood pressure, glomerular lesions, and cardiac dysfunction independent of altered circulating and cardiac angiotensin II. Journal of Molecular Medicine, 2017, 95, 473-486.	3.9	40

#	Article	IF	Citations
217	Absence of diabetic hyperalgesia in bradykinin B1 receptor-knockout mice. Regulatory Peptides, 2005, 127, 245-248.	1.9	39
218	ACE Activity Is Modulated by Kinin B 2 Receptor. Hypertension, 2008, 51, 689-695.	2.7	39
219	The kinin B₁ receptor contributes to the cardioprotective effect of angiotensinâ€converting enzyme inhibitors and angiotensin receptor blockers in mice. Experimental Physiology, 2009, 94, 322-329.	2.0	39
220	The Dual Role of Serotonin in Colorectal Cancer. Trends in Endocrinology and Metabolism, 2020, 31, 611-625.	7.1	39
221	Local reninâ€“angiotensin system in the pineal gland. Molecular Brain Research, 1998, 54, 237-242.	2.3	38
222	Serotonin synthesis in murine embryonic stem cells. Molecular Brain Research, 1999, 68, 55-63.	2.3	38
223	Transient inflammatory response induced by apoptotic cells is an important mediator of melanoma cell engraftment and growth. International Journal of Cancer, 2005, 114, 356-363.	5.1	38
224	Arteriogenesis Is Modulated By Bradykinin Receptor Signaling. Circulation Research, 2011, 109, 524-533.	4.5	38
225	Angioprotectin: an angiotensin IIâ€like peptide causing vasodilatory effects. FASEB Journal, 2011, 25, 2987-2995.	0.5	38
226	Angiotensin-(1-7) receptor Mas is an essential modulator of extracellular matrix protein expression in the heart. Regulatory Peptides, 2012, 175, 30-42.	1.9	38
227	Angiotensin 1â€“7 Reduces Mortality and Rupture of Intracranial Aneurysms in Mice. Hypertension, 2014, 64, 362-368.	2.7	38
228	The role of kinin B₁receptor and the effect of angiotensin I-converting enzyme inhibition on acute gout attacks in rodents. Annals of the Rheumatic Diseases, 2016, 75, 260-268.	0.9	38
229	Karyopherin Î±-3 is a key protein in the pathogenesis of spinocerebellar ataxia type 3 controlling the nuclear localization of ataxin-3. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2624-E2633.	7.1	38
230	Impaired Nociception and Peripheral Opioid Antinociception in Mice Lacking Both Kinin B1 and B2 Receptors. Anesthesiology, 2012, 116, 448-457.	2.5	38
231	Importin Î±7 Is Essential for Zygotic Genome Activation and Early Mouse Development. PLoS ONE, 2011, 6, e18310.	2.5	38
232	Increased kallikrein expression protects against cardiac ischemia. FASEB Journal, 2000, 14, 1861-1863.	0.5	37
233	Alcohol consumption is controlled by angiotensin II. FASEB Journal, 2001, 15, 1640-1642.	0.5	37
234	Cell Type-specific Expression of the Mas Proto-oncogene in Testis. Journal of Histochemistry and Cytochemistry, 2002, 50, 691-695.	2.5	37

#	Article	IF	Citations
235	Inducible Transgenic Rat Model for Diabetes Mellitus Based on shRNA-Mediated Gene Knockdown. PLoS ONE, 2009, 4, e5124.	2.5	37
236	Mas receptors in modulating relaxation induced by perivascular adipose tissue. Life Sciences, 2011, 89, 467-472.	4.3	37
237	Angiotensin-(1â€“7) Mas-receptor deficiency decreases peroxisome proliferator-activated receptor gamma expression in adipocytes. Peptides, 2012, 33, 174-177.	2.4	37
238	Cardiovascular responses evoked by activation or blockade of GABAA receptors in the hypothalamic PVN are attenuated in transgenic rats with low brain angiotensinogen. Brain Research, 2012, 1448, 101-110.	2.2	37
239	Chronic dexamethasone treatment suppresses hypertension development in the transgenic rat TGR(mREN2)27. Journal of Hypertension, 1995, 13, 637-645.	0.5	36
240	Learning and anxiety in angiotensin-deficient mice. Behavioural Brain Research, 1999, 100, 1-4.	2.2	36
241	Genetic deletion of angiotensin AT2 receptor leads to increased cell numbers in different brain structures of mice. Regulatory Peptides, 2001, 99, 209-216.	1.9	36
242	Reduced hypertension-induced end-organ damage in mice lacking cardiac and renal angiotensinogen synthesis. Journal of Molecular Medicine, 2002, 80, 359-366.	3.9	36
243	Spotlight on Renin. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2007, 8, 205-208.	1.7	36
244	Natriuretic peptide receptor B signaling in the cardiovascular system: protection from cardiac hypertrophy. Journal of Molecular Medicine, 2007, 85, 797-810.	3.9	36
245	Increased susceptibility to endotoxic shock in transgenic rats with endothelial overexpression of kinin B1 receptors. Journal of Molecular Medicine, 2008, 86, 791-798.	3.9	36
246	Defective cellular trafficking of missense NPR-B mutants is the major mechanism underlying acromesomelic dysplasia-type Maroteaux. Human Molecular Genetics, 2008, 18, 267-277.	2.9	36
247	The continued need for animals to advance brain research. Neuron, 2021, 109, 2374-2379.	8.1	36
248	Myocardial expression of rat bradykinin receptors and two tissue kallikrein genes in experimental diabetes. Immunopharmacology, 1999, 44, 35-42.	2.0	35
249	Organ-specific mRNA distribution of C-type natriuretic peptide in neonatal and adult mice. Regulatory Peptides, 2000, 95, 81-85.	1.9	35
250	Role of kinin B1 and B2 receptors in the development of pilocarpine model of epilepsy. Brain Research, 2004, 1013, 30-39.	2.2	35
251	Strain Differences in Superovulatory Response, Embryo Development and Efficiency of Transgenic Rat Production. Transgenic Research, 2005, 14, 729-738.	2.4	35
252	A transgenic rat expressing human APP with the Swedish Alzheimerâ€™s disease mutation. Biochemical and Biophysical Research Communications, 2007, 358, 777-782.	2.1	35

#	Article	IF	Citations
253	Predisposition to atherosclerosis and aortic aneurysms in mice deficient in kinin B1 receptor and apolipoprotein E. Journal of Molecular Medicine, 2009, 87, 953-963.	3.9	35
254	Knockout of Angiotensin 1â€“7 Receptor Mas Worsens the Course of Two-Kidney, One-Clip Goldblatt Hypertension: Roles of Nitric Oxide Deficiency and Enhanced Vascular Responsiveness to Angiotensin II. Kidney and Blood Pressure Research, 2010, 33, 476-488.	2.0	35
255	Identification of Membrane-bound Variant of Metalloendopeptidase Neurolysin (EC 3.4.24.16) as the Non-angiotensin Type 1 (Non-AT1), Non-AT2 Angiotensin Binding Site. Journal of Biological Chemistry, 2012, 287, 114-122.	3.4	35
256	Decreased hepatic gluconeogenesis in transgenic rats with increased circulating angiotensin-(1-7). Peptides, 2012, 37, 247-251.	2.4	35
257	Altered regional blood flow distribution in Mas-deficient mice. Therapeutic Advances in Cardiovascular Disease, 2012, 6, 201-211.	2.1	35
258	Adaptive changes in serotonin metabolism preserve normal behavior in mice with reduced TPH2 activity. Neuropharmacology, 2014, 85, 73-80.	4.1	35
259	Identification of protein phosphatase involvement in the AT2 receptor-induced activation of endothelial nitric oxide synthase. Clinical Science, 2018, 132, 777-790.	4.3	35
260	Importin Î±1 is required for nuclear import of herpes simplex virus proteins and capsid assembly in fibroblasts and neurons. PLoS Pathogens, 2018, 14, e1006823.	4.7	35
261	Genetic deletion of the alamandine receptor MRGD leads to dilated cardiomyopathy in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H123-H133.	3.2	35
262	Phosphodiesterase 3A and Arterial Hypertension. Circulation, 2020, 142, 133-149.	1.6	35
263	Genetically altered animal models in the kallikrein-kinin system. Biological Chemistry, 2006, 387, 119-26.	2.5	34
264	Diabetic Endothelin B Receptorâ€“Deficient Rats Develop Severe Hypertension and Progressive Renal Failure. Journal of the American Society of Nephrology: JASN, 2006, 17, 1082-1089.	6.1	34
265	Role of the kinin B1 receptor in insulin homeostasis and pancreatic islet function. Biological Chemistry, 2006, 387, 431-436.	2.5	34
266	Role of 3-Acetyl-11-Keto-Beta-Boswellic Acid in Counteracting LPS-Induced Neuroinflammation via Modulation of miRNA-155. Molecular Neurobiology, 2018, 55, 5798-5808.	4.0	34
267	Calcineurin inhibitor cyclosporine A activates renal Na-K-Cl cotransporters via local and systemic mechanisms. American Journal of Physiology - Renal Physiology, 2017, 312, F489-F501.	2.7	33
268	Urinary Renin in Patients and Mice With Diabetic Kidney Disease. Hypertension, 2019, 74, 83-94.	2.7	33
269	The role of kinin B1 receptors in the nociception produced by peripheral protein kinase C activation in mice. Neuropharmacology, 2008, 54, 597-604.	4.1	32
270	New therapeutic pathways in the RAS. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2012, 13, 505-508.	1.7	32

#	Article	IF	Citations
271	Blocking of Bradykinin Receptor B1 Protects from Focal Closed Head Injury in Mice by Reducing Axonal Damage and Astroglia Activation. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 1747-1756.	4.3	32
272	Exercise induces reninâ€“angiotensin system unbalance and high collagen expression in the heart of Mas-deficient mice. Peptides, 2012, 38, 54-61.	2.4	32
273	Measurement of Plasma, Serum, and Platelet Serotonin in Individuals With High Bone Mass and Mutations in LRP5. Journal of Bone and Mineral Research, 2014, 29, 976-981.	2.8	32
274	Genotype-Phenotype Correlation of 2q37 Deletions Including NPPC Gene Associated with Skeletal Malformations. PLoS ONE, 2013, 8, e66048.	2.5	32
275	Renal function in transgenic rats expressing an angiotensin-(1â€“7)-producing fusion protein. Regulatory Peptides, 2006, 137, 128-133.	1.9	31
276	Alterations in gene expression in the testis of angiotensin-(1â€“7)-receptor Mas-deficient mice. Regulatory Peptides, 2007, 138, 51-55.	1.9	31
277	Altered cardiovascular reflexes responses in conscious Angiotensin-(1-7) receptor Mas-knockout mice. Peptides, 2010, 31, 1934-1939.	2.4	31
278	Angiotensin II Binding to Angiotensin Iâ€“Converting Enzyme Triggers Calcium Signaling. Hypertension, 2011, 57, 965-972.	2.7	31
279	Receptor Mas Protects Mice Against Hypothermia and Mortality Induced By Endotoxemia. Shock, 2014, 41, 331-336.	2.1	31
280	Prednicarbate versus conventional topical glucocorticoids: pharmacodynamic characterization in vitro. Pharmaceutical Research, 1997, 14, 1744-1749.	3.5	30
281	In vitro formation of tetraploid rat blastocysts after fusion of two-cell embryos. Molecular Reproduction and Development, 2002, 61, 460-465.	2.0	30
282	Human experimental exposure study on the uptake and urinary elimination of N-methyl-2-pyrrolidone (NMP) during simulated workplace conditions. Archives of Toxicology, 2007, 81, 335-346.	4.2	30
283	Functional Cross-Talk Between Aldosterone and Angiotensin-(1-7) in Ventricular Myocytes. Hypertension, 2013, 61, 425-430.	2.7	30
284	Diabetes Mellitus in Pregnancy Leads to Growth Restriction and Epigenetic Modification of the Srebf2 Gene in Rat Fetuses. Hypertension, 2018, 71, 911-920.	2.7	30
285	Structure of the mammalian kinin receptor gene locus. International Immunopharmacology, 2002, 2, 1721-1727.	3.8	29
286	Increased expression of (pro)renin receptor does not cause hypertension or cardiac and renal fibrosis in mice. Laboratory Investigation, 2014, 94, 863-872.	3.7	29
287	Brain serotonin deficiency leads to social communication deficits in mice. Biology Letters, 2015, 11, 20150057.	2.3	29
288	Chronic allergic pulmonary inflammation is aggravated in angiotensin-(1â€“7) Mas receptor knockout mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L1141-L1148.	2.9	29

#	Article	IF	Citations
289	Striatal adenosineâ€“cannabinoid receptor interactions in rats overâ€expressing adenosine A_{2A} receptors. Journal of Neurochemistry, 2016, 136, 907-917.	3.9	29
290	Renin-Angiotensin System in Diabetes. Protein and Peptide Letters, 2017, 24, 833-840.	0.9	29
291	Alternative Splicing of the mRNA Coding for the Human Endothelial Angiotensin-Converting Enzyme: A New Mechanism for Solubilization. Biochemical and Biophysical Research Communications, 1998, 247, 466-472.	2.1	28
292	Transgenic Animals in Cardiovascular Disease Research. Experimental Physiology, 2000, 85, 713-731.	2.0	28
293	Functional characterization of the human atrial essential myosin light chain (hALC-1) in a transgenic rat model. Journal of Molecular Medicine, 2004, 82, 265-274.	3.9	28
294	Kinin B1 Receptor in Adipocytes Regulates Glucose Tolerance and Predisposition to Obesity. PLoS ONE, 2012, 7, e44782.	2.5	28
295	Brain Reninâ€“Angiotensin System in Hypertension, Cardiac Hypertrophy, and Heart Failure. Frontiers in Physiology, 2011, 2, 115.	2.8	28
296	Mas receptor deficiency is associated with worsening of lipid profile and severe hepatic steatosis in ApoE-knockout mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R1323-R1330.	1.8	28
297	Alterations of the renin-angiotensin system at the RVLM of transgenic rats with low brain angiotensinogen. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R428-R433.	1.8	27
298	Brain Renin-Angiotensin System. Neuroendocrinology, 2003, 78, 253-259.	2.5	27
299	Improvement of defective sarcoplasmic reticulum Ca 2+ transport in diabetic heart of transgenic rats expressing the human kallikreinâ€1 gene. FASEB Journal, 2004, 18, 1967-1969.	0.5	27
300	Blockade of Endothelin Receptors Attenuates End-Organ Damage in Homozygous Hypertensive Ren-2 Transgenic Rats. Kidney and Blood Pressure Research, 2004, 27, 248-258.	2.0	27
301	Ambient monitoring and biomonitoring of workers exposed to N-methyl-2-pyrrolidone in an industrial facility. International Archives of Occupational and Environmental Health, 2006, 79, 357-364.	2.3	27
302	The mTPH2 C1473G single nucleotide polymorphism is not responsible for behavioural differences between mouse strains. Neuroscience Letters, 2008, 431, 21-25.	2.1	27
303	Leptin regulates ACE activity in mice. Journal of Molecular Medicine, 2010, 88, 899-907.	3.9	27
304	Controlling cardiomyocyte length: the role of renin and PPAR-Î³. Cardiovascular Research, 2011, 89, 344-352.	3.8	27
305	Bradykinin inhibits hepatic gluconeogenesis in obese mice. Laboratory Investigation, 2012, 92, 1419-1427.	3.7	27
306	Cardiac angiotensin-(1â€“12) expression and systemic hypertension in rats expressing the human angiotensinogen gene. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H995-H1002.	3.2	27

#	Article	IF	Citations
307	C-type natriuretic peptide and natriuretic peptide receptor B signalling inhibits cardiac sympathetic neurotransmission and autonomic function. Cardiovascular Research, 2016, 112, 637-644.	3.8	27
308	7-hydroxytryptophan, a novel, specific, cytotoxic agent for carcinoids and other serotonin-producing tumors. Cancer, 2002, 94, 3135-3140.	4.1	26
309	Dermal absorption and urinary elimination of N-methyl-2-pyrrolidone. International Archives of Occupational and Environmental Health, 2005, 78, 673-676.	2.3	26
310	Kinin B1 receptor participates in the control of cardiac function in mice. Life Sciences, 2007, 81, 814-822.	4.3	26
311	Emerging drugs which target the reninâ€“angiotensinâ€“aldosterone system. Expert Opinion on Emerging Drugs, 2011, 16, 619-630.	2.4	26
312	Derivation, Characterization, and Stable Transfection of Induced Pluripotent Stem Cells from Fischer344 Rats. PLoS ONE, 2011, 6, e27345.	2.5	26
313	Altered Glucose Homeostasis and Hepatic Function in Obese Mice Deficient for Both Kinin Receptor Genes. PLoS ONE, 2012, 7, e40573.	2.5	26
314	Reply to Lrp5 regulation of bone mass and gut serotonin synthesis. Nature Medicine, 2014, 20, 1229-1230.	30.7	26
315	Serotonin synthesis protects the mouse colonic crypt from DNA damage and colorectal tumorigenesis. Journal of Pathology, 2019, 249, 102-113.	4.5	26
316	Differential effects of angiotensin II and angiotensin-(1-7) at the nucleus tractus solitarii of transgenic rats with low brain angiotensinogen. Journal of Hypertension, 2002, 20, 919-925.	0.5	25
317	Sexâ€dependent differences in renal angiotensinogen as an early marker of diabetic nephropathy. Acta Physiologica, 2015, 213, 740-746.	3.8	25
318	Importin Î±5 Regulates Anxiety through MeCP2 and Sphingosine Kinase 1. Cell Reports, 2018, 25, 3169-3179.e7.	6.4	25
319	Effects of angiotensin II and IV on geniculate activity in nontransgenic and transgenic rats. European Journal of Pharmacology, 1997, 332, 53-63.	3.5	24
320	Reduced isoproterenol-induced renin-angiotensin changes and extracellular matrix deposition in hearts of TGR(A1â€“7)3292 rats. Journal of the American Society of Hypertension, 2008, 2, 341-348.	2.3	24
321	Increased Angiotensin II Contraction of the Uterine Artery at Early Gestation in a Transgenic Model of Hypertensive Pregnancy Is Reduced by Inhibition of Endocannabinoid Hydrolysis. Hypertension, 2014, 64, 619-625.	2.7	24
322	The brain reninâ€angiotensin system plays a crucial role in regulating body weight in dietâ€induced obesity in rats. British Journal of Pharmacology, 2016, 173, 1602-1617.	5.4	24
323	Transcriptional Regulation of the Rat Renin Gene by Regulatory Elements in Intron I. Hypertension, 1999, 33, 303-311.	2.7	23
324	Cardiac function and remodeling is attenuated in transgenic rats expressing the human kallikrein-1 gene after myocardial infarction. European Journal of Pharmacology, 2006, 550, 143-148.	3.5	23

#	Article	IF	Citations
325	Cell divisions are not essential for the direct conversion of fibroblasts into neuronal cells. Cell Cycle, 2015, 14, 1188-1196.	2.6	23
326	Doxorubicin cardiomyopathy-induced inflammation and apoptosis are attenuated by gene deletion of the kinin B1 receptor. Biological Chemistry, 2008, 389, 713-718.	2.5	22
327	Stable maintenance of de novo assembled human artificial chromosomes in embryonic stem cells and their differentiated progeny in mice. Cell Cycle, 2015, 14, 1268-1273.	2.6	22
328	MATE-1 modulation by kinin B1 receptor enhances cisplatin efflux from renal cells. Molecular and Cellular Biochemistry, 2017, 428, 101-108.	3.1	22
329	Caloric Restriction Is More Efficient than Physical Exercise to Protect from Cisplatin Nephrotoxicity via PPAR-Alpha Activation. Frontiers in Physiology, 2017, 8, 116.	2.8	22
330	Structure and expression of two kininogen genes in mice. Biological Chemistry, 2004, 385, 295-301.	2.5	21
331	Follow-up biomonitoring after accidental exposure to acrylonitrileâ€"Implications for protein adducts as a dose monitor for short-term exposures. Toxicology Letters, 2006, 162, 125-131.	0.8	21
332	Animal Models for Hypertension/Blood Pressure Recording. , 2006, 129, 115-126.		21
333	Post-infarct cardiac sympathetic hyperactivity regulates galanin expression. Neuroscience Letters, 2008, 436, 163-166.	2.1	21
334	Novel Insights Into the Critical Role of Bradykinin and the Kinin B2 Receptor for Vascular Recruitment of Circulating Endothelial Repairâ€"Promoting Mononuclear Cell Subsets. Circulation, 2013, 127, 594-603.	1.6	21
335	Serotonin regulates prostate growth through androgen receptor modulation. Scientific Reports, 2017, 7, 15428.	3.3	21
336	Somatosensory BOLD fMRI reveals close link between salient blood pressure changes and the murine neuromatrix. NeuroImage, 2018, 172, 562-574.	4.2	21
337	TPH2 Deficiency Influences Neuroplastic Mechanisms and Alters the Response to an Acute Stress in a Sex Specific Manner. Frontiers in Molecular Neuroscience, 2018, 11, 389.	2.9	21
338	Thimet Oligopeptidase (EC 3.4.24.15) Key Functions Suggested by Knockout Mice Phenotype Characterization. Biomolecules, 2019, 9, 382.	4.0	21
339	Restricted mobility of Dnmt1 in preimplantation embryos: implications for epigenetic reprogramming. BMC Developmental Biology, 2005, 5, 18.	2.1	20
340	Identification of Importin Î± 7 Specific Transport Cargoes Using a Proteomic Screening Approach. Molecular and Cellular Proteomics, 2014, 13, 1286-1298.	3.8	20
341	Adenosine (A)2A receptor modulation of nicotine-induced locomotor sensitization. A pharmacological and transgenic approach. Neuropharmacology, 2014, 81, 318-326.	4.1	20
342	Systemic Outcomes of (Pyr1)-Apelin-13 Infusion at Mid-Late Pregnancy in a Rat Model with Preeclamptic Features. Scientific Reports, 2019, 9, 8579.	3.3	20

#	Article	IF	Citations
343	It's renin in the brain: transgenic animals elucidate the brain renin angiotensin system. Circulation Research, 2002, 90, 8-10.	4.5	20
344	Differential regulation of central vasopressin receptors in transgenic rats with low brain angiotensinogen. Regulatory Peptides, 2004, 119, 177-182.	1.9	19
345	Induction and Analysis of Cardiac Hypertrophy in Transgenic Animal Models. , 2005, 112, 339-352.		19
346	Altered circadian rhythm reentrainment to light phase shifts in rats with low levels of brain angiotensinogen. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R1122-R1127.	1.8	19
347	The bradykinin B2 receptor in the early immune response against Listeria infection. Medical Microbiology and Immunology, 2009, 198, 39-46.	4.8	19
348	Validation of commercial Mas receptor antibodies for utilization in Western Blotting, immunofluorescence and immunohistochemistry studies. PLoS ONE, 2017, 12, e0183278.	2.5	19
349	Angiotensin-(1-7) induces beige fat thermogenesis through the Mas receptor. Metabolism: Clinical and Experimental, 2020, 103, 154048.	3.4	19
350	Transcriptional regulatory elements in the rat bradykinin B2 receptor gene. Immunopharmacology, 1996, 33, 36-41.	2.0	18
351	Imprinting of the Murine Mas Protooncogene Is Restricted to Its Antisense RNA. Biochemical and Biophysical Research Communications, 2002, 290, 1072-1078.	2.1	18
352	Kallikreinâ€“Kinin System in Neovascularization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 617-619.	2.4	18
353	Efficient production of nuclear transferred rat embryos by modified methods of reconstruction. Molecular Reproduction and Development, 2009, 76, 208-216.	2.0	18
354	Stress sensitivity is increased in transgenic rats with low brain angiotensinogen. Journal of Endocrinology, 2010, 204, 85-92.	2.6	18
355	Pro renin receptor subcellular localizations and functions. Frontiers in Bioscience - Elite, 2013, E5, 500-508.	1.8	18
356	Deletion of Kinin B2 Receptor Alters Muscle Metabolism and Exercise Performance. PLoS ONE, 2015, 10, e0134844.	2.5	18
357	Cardiomyocyte-derived CXCL12 is not involved in cardiogenesis but plays a crucial role in myocardial infarction. Journal of Molecular Medicine, 2016, 94, 1005-1014.	3.9	18
358	Characterization of Trophoblast and Extraembryonic Endoderm Cell Lineages Derived from Rat Preimplantation Embryos. PLoS ONE, 2010, 5, e9794.	2.5	18
359	Molecular Interactions of Vasoactive Systems in Cardiovascular Damage. Journal of Cardiovascular Pharmacology, 2001, 38, S7-S9.	1.9	17
360	Transcriptional Regulation of the Rat Bradykinin B2 Receptor Gene: Identification of a Silencer Element. Molecular Pharmacology, 2002, 62, 1344-1355.	2.3	17

#	Article	IF	Citations
361	Tonin expression in the rat brain and tonin-mediated central production of angiotensin II. Physiology and Behavior, 2002, 76, 327-333.	2.1	17
362	Androgen receptor independent cardiovascular action of the antiandrogen flutamide. Journal of Molecular Medicine, 2003, 81, 420-427.	3.9	17
363	Tonin in rat heart with experimental hypertrophy. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 284, H2263-H2268.	3.2	17
364	Efficiency of transgenic rat production is independent of transgene-construct and overnight embryo culture. Theriogenology, 2004, 61, 1441-1453.	2.1	17
365	Matrix Reloaded. Hypertension, 2006, 47, 640-641.	2.7	17
366	Full-Term Development of Rat after Transfer of Nuclei from Two-Cell Stage Embryos1. Biology of Reproduction, 2006, 75, 524-530.	2.7	17
367	Generation and characterization of a GFP transgenic rat line for embryological research. Transgenic Research, 2008, 17, 955-963.	2.4	17
368	Autonomic dysregulation in ob/ob mice is improved by inhibition of angiotensin-converting enzyme. Journal of Molecular Medicine, 2010, 88, 383-390.	3.9	17
369	Forced Expression of LIM Homeodomain Transcription Factor 1b Enhances Differentiation of Mouse Embryonic Stem Cells into Serotonergic Neurons. Stem Cells and Development, 2011, 20, 301-311.	2.1	17
370	ACE activity is modulated by the enzyme Î±-galactosidase A. Journal of Molecular Medicine, 2011, 89, 65-74.	3.9	17
371	Assessment of long-term health risks after accidental exposure using haemoglobin adducts of epichlorohydrin. Toxicology Letters, 2014, 231, 378-386.	0.8	17
372	(Pro)renin receptor and V-ATPase: from Drosophila to humans. Clinical Science, 2014, 126, 529-536.	4.3	17
373	Mas receptor deficiency exacerbates lipopolysaccharide-induced cerebral and systemic inflammation in mice. Immunobiology, 2015, 220, 1311-1321.	1.9	17
374	Demonstration of the functional impact of vasopressin signaling in the thick ascending limb by a targeted transgenic rat approach. American Journal of Physiology - Renal Physiology, 2016, 311, F411-F423.	2.7	17
375	Kinin receptors in skin wound healing. Journal of Dermatological Science, 2016, 82, 95-105.	1.9	17
376	Genetic deletion of the angiotensin-(1â€“7) receptor Mas leads to alterations in gut villi length modulating TLR4/PI3K/AKT and produces microbiome dysbiosis. Neuropeptides, 2020, 82, 102056.	2.2	17
377	The Role of the Renin-Angiotensin System in Cardiovascular Disease.. Hypertension Research, 1994, 17, 1-16.	2.7	17
378	Evidence in favor of the essentiality of human cell membrane-bound ACE2 and against soluble ACE2 for SARS-CoV-2 infectivity. Cell, 2022, 185, 1837-1839.	28.9	17

#	Article	IF	Citations
379	Derivation, Maintenance, and Characterization of Rat Embryonic Stem Cells In Vitro. , 2006, 329, 45-58.		16
380	Role of the Multidomain Protein Spinophilin in Blood Pressure and Cardiac Function Regulation. Hypertension, 2008, 52, 702-707.	2.7	16
381	Quantification of N-(3-chloro-2-hydroxypropyl)valine in human haemoglobin as a biomarker of epichlorohydrin exposure by gas chromatographyâ€“tandem mass spectrometry with stable-isotope dilutionâ˜†. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 1402-1415.	2.3	16
382	Low immunogenicity of endothelial derivatives from rat embryonic stem cell-like cells. Cell Research, 2009, 19, 507-518.	12.0	16
383	B1 and B2 kinin receptor participation in hyperproliferative and inflammatory skin processes in mice. Journal of Dermatological Science, 2011, 64, 23-30.	1.9	16
384	Effect of Culture Conditions on Viability of Mouse and Rat Embryos Developed in Vitro. Genes, 2011, 2, 332-344.	2.4	16
385	Aliskiren accumulation in the kidney. Journal of Hypertension, 2013, 31, 713-719.	0.5	16
386	Regulation of hippocampal synaptic plasticity thresholds and changes in exploratory and learning behavior in dominant negative NPR-B mutant rats. Frontiers in Molecular Neuroscience, 2014, 7, 95.	2.9	16
387	Identification of a Novel Agonist-Like Autoantibody in Preeclamptic Patients. American Journal of Hypertension, 2016, 29, 405-412.	2.0	16
388	Karyopherin Alpha 1 Regulates Satellite Cell Proliferation and Survival by Modulating Nuclear Import. Stem Cells, 2016, 34, 2784-2797.	3.2	16
389	Adverse left ventricular remodeling by glycoprotein nonmetastatic melanoma protein B in myocardial infarction. FASEB Journal, 2017, 31, 556-568.	0.5	16
390	Rat Model for Dominant Dystrophic Epidermolysis Bullosa: Glycine Substitution Reduces Collagen VII Stability and Shows Gene-Dosage Effect. PLoS ONE, 2013, 8, e64243.	2.5	16
391	Upregulation of the cardiac bradykinin B2 receptors after myocardial infarction. Immunopharmacology, 1999, 44, 111-117.	2.0	15
392	Plasma and kidney angiotensin II levels and renal functional responses to AT1 receptor blockade in hypertensive Ren-2 transgenic rats. Journal of Hypertension, 2004, 22, 819-825.	0.5	15
393	Stemâ€cell research: the state of the art. EMBO Reports, 2005, 6, 297-300.	4.5	15
394	Regulation of Karyopherin Î±1 and Nuclear Import by Mammalian Target of Rapamycin. Journal of Biological Chemistry, 2012, 287, 14325-14335.	3.4	15
395	Normothermic Mouse Functional MRI of Acute Focal Thermostimulation for Probing Nociception. Scientific Reports, 2016, 6, 17230.	3.3	15
396	Dual deficiency of angiotensinâ€converting enzymeâ€2 and Mas receptor enhances angiotensin Iâ€induced hypertension and hypertensive nephropathy. Journal of Cellular and Molecular Medicine, 2020, 24, 13093-13103.	3.6	15

#	Article	IF	Citations
397	The non-peptide kinin receptor antagonists FR 173657 and SSR 240612: Preclinical evidence for the treatment of skin inflammation. Regulatory Peptides, 2009, 152, 67-72.	1.9	14
398	Visinin-like protein 1 regulates natriuretic peptide receptor B in the heart. Regulatory Peptides, 2010, 161, 51-57.	1.9	14
399	Evidence that kinin B2 receptor expression is upregulated by endothelial overexpression of B1 receptors. Peptides, 2013, 42, 1-7.	2.4	14
400	Discovering the mechanisms underlying serotonin (5â€‹scp›HT‹/scp›)‹sub›2A‹/sub› and 5â€‹scp›HT‹/scp›‹sub›2C‹/sub› receptor regulation following nicotine withdrawal in rats. Journal of Neurochemistry, 2015, 134, 704-716.	3.9	14
401	Exon Skipping in a Dysf-Missense Mutant Mouse Model. Molecular Therapy - Nucleic Acids, 2018, 13, 198-207.	5.1	14
402	Differential effect of hemin-controlled eIF-2alpha kinases from mouse erythroleukemia cells on protein synthesis. FEBS Journal, 1989, 183, 137-143.	0.2	13
403	Forced Homodimerization by Site-Directed Mutagenesis Alters Guanylyl Cyclase Activity of Natriuretic Peptide Receptor B. Hypertension, 2004, 43, 460-465.	2.7	13
404	Pravastatin prolongs graft survival in an allogeneic rat model of orthotopic single lung transplantationâ˜†. European Journal of Cardio-thoracic Surgery, 2006, 30, 515-524.	1.4	13
405	Increased blood pressure and water intake in transgenic mice expressing rat tonin in the brain. Biological Chemistry, 2010, 391, 435-41.	2.5	13
406	Altered Gene Expression in Pulmonary Tissue of Tryptophan Hydroxylase-1 Knockout Mice: Implications for Pulmonary Arterial Hypertension. PLoS ONE, 2011, 6, e17735.	2.5	13
407	Functional changes in the uterine artery precede the hypertensive phenotype in a transgenic model of hypertensive pregnancy. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E811-E817.	3.5	13
408	CD36/Sirtuin 1 Axis Impairment Contributes to Hepatic Steatosis in ACE2-Deficient Mice. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-11.	4.0	13
409	Rats overexpressing the dopamine transporter display behavioral and neurobiological abnormalities with relevance to repetitive disorders. Scientific Reports, 2016, 6, 39145.	3.3	13
410	Apelinergic system in the kidney: implications for diabetic kidney disease. Physiological Reports, 2018, 6, e13939.	1.7	13
411	Permanent Inhibition of Angiotensinogen Synthesis by Antisense RNA Expression. Hypertension, 1996, 27, 508-513.	2.7	13
412	Activation of the PTHRP/adenylate cyclase pathway promotes differentiation of rat XEN cells into parietal endoderm, whereas Wnt/Î²-catenin signaling promotes differentiation into visceral endoderm. Journal of Cell Science, 2013, 126, 128-138.	2.0	12
413	Role of kinin B2 receptors in opioid-induced hyperalgesia in inflammatory pain in mice. Biological Chemistry, 2013, 394, 361-368.	2.5	12
414	Increased aortic intimal proliferation due to MasR deletion ‹i›in vitro‹/i›. International Journal of Experimental Pathology, 2015, 96, 183-187.	1.3	12

#	Article	IF	Citations
415	Acute hypothalamo-pituitary-adrenal axis response to LPS-induced endotoxemia: expression pattern of kinin type B1 and B2 receptors. Biological Chemistry, 2016, 397, 97-109.	2.5	12
416	Neuronal adenosine A2A receptor overexpression is neuroprotective towards 3-nitropropionic acid-induced striatal toxicity: a rat model of Huntingtonâ€™s disease. Purinergic Signalling, 2018, 14, 235-243.	2.2	12
417	Nitric Oxide Synthase and Renin-Angiotensin System Gene Expression in Salt-Sensitive and Salt-Resistant Sabra Rats. Hypertension, 1997, 30, 409-415.	2.7	12
418	Myogenic Vasoconstriction Requires Canonical G _{q/11} Signaling of the Angiotensin II Type 1 Receptor. Journal of the American Heart Association, 2022, 11, e022070.	3.7	12
419	Binding of mRNA by an oligopeptide containing an evolutionarily conserved sequence from RNA binding proteins. FEBS Letters, 1989, 251, 117-120.	2.8	11
420	Production of Transgenic Models in Hypertension. , 2005, 108, 033-050.		11
421	Roles of Nitric Oxide and Oxidative Stress in the Regulation of Blood Pressure and Renal Function in Prehypertensive Ren-2 Transgenic Rats. Kidney and Blood Pressure Research, 2005, 28, 117-126.	2.0	11
422	Renal gene expression profiling using kinin B1 and B2 receptor knockout mice reveals comparable modulation of functionally related genes. Biological Chemistry, 2006, 387, 15-22.	2.5	11
423	Baroreflex control of heart rate and renal sympathetic nerve activity in rats with low brain angiotensinogen. Neuropeptides, 2008, 42, 159-168.	2.2	11
424	Effects of electric field on early preimplantation development in vitro in mice and rats. Human Reproduction, 2011, 26, 662-670.	0.9	11
425	Increased vascular sympathetic modulation in mice with Mas receptor deficiency. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2016, 17, 147032031664364.	1.7	11
426	Cellular Importin-Î±3 Expression Dynamics in the Lung Regulate Antiviral Response Pathways against Influenza A Virus Infection. Cell Reports, 2020, 31, 107549.	6.4	11
427	Phenylalanine hydroxylase contributes to serotonin synthesis in mice. FASEB Journal, 2021, 35, e21648.	0.5	11
428	Kpna6 deficiency causes infertility in male mice by disrupting spermatogenesis. Development (Cambridge), 2021, 148, .	2.5	11
429	Alamandine but not angiotensin-(1â€“7) produces cardiovascular effects at the rostral insular cortex. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R513-R521.	1.8	11
430	Transgenic animals in cardiovascular disease research. Experimental Physiology, 2000, 85, 713-731.	2.0	11
431	Tonin and Kallikrein in the Brain of Transgenic Rat Line Expressing Human Tissue Kallikrein. Hypertension, 2002, 39, 229-232.	2.7	10
432	Importin-Î±7 Is Involved in the Formation of Ebola Virus Inclusion Bodies but Is Not Essential for Pathogenicity in Mice. Journal of Infectious Diseases, 2015, 212, S316-S321.	4.0	10

#	Article	IF	Citations
433	Maternal Forced Swimming Reduces Cell Proliferation in the Postnatal Dentate Gyrus of Mouse Offspring. Frontiers in Neuroscience, 2016, 10, 402.	2.8	10
434	The TetO rat as a new translational model for type 2 diabetic retinopathy by inducible insulin receptor knockdown. Diabetologia, 2017, 60, 202-211.	6.3	10
435	Mast Cells and Serotonin Synthesis Modulate Chagas Disease in the Colon: Clinical and Experimental Evidence. Digestive Diseases and Sciences, 2018, 63, 1473-1484.	2.3	10
436	Bradykinin B2 receptor is essential to running-induced cell proliferation in the adult mouse hippocampus. Brain Structure and Function, 2018, 223, 3901-3907.	2.3	10
437	TGR(mREN2)27 rats develop non-alcoholic fatty liver disease-associated portal hypertension responsive to modulations of Janus-kinase 2 and Mas receptor. Scientific Reports, 2019, 9, 11598.	3.3	10
438	The effect of ageing and cerebral serotonin deficit on the activity of cytochrome P450 2D (CYP2D) in the brain and liver of male rats. Neurochemistry International, 2020, 141, 104884.	3.8	10
439	A (re)initiation-dependent cell-free protein-synthesis system from mouse erythroleukemia cells. FEBS Journal, 1986, 161, 103-109.	0.2	9
440	Molecular Structure and Alternative Splicing of the Human Carboxypeptidase M Gene. Biological Chemistry, 2002, 383, 263-9.	2.5	9
441	Increased adult neurogenesis in mice with a permanent overexpression of the postsynaptic 5-HT 1A receptor. Neuroscience Letters, 2016, 633, 246-251.	2.1	9
442	High aminopeptidase A activity contributes to blood pressure control in ob/ob mice by AT2 receptor-dependent mechanism. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H437-H445.	3.2	9
443	ATP6AP2 over-expression causes morphological alterations in the hippocampus and in hippocampus-related behaviour. Brain Structure and Function, 2018, 223, 2287-2302.	2.3	9
444	Cardioprotective effect of thyroid hormone is mediated by AT2 receptor and involves nitric oxide production via Akt activation in mice. Heart and Vessels, 2018, 33, 671-681.	1.2	9
445	Targeted Manipulation of Brain Serotonin: RNAi-Mediated Knockdown of Tryptophan Hydroxylase 2 in Rats. ACS Chemical Neuroscience, 2019, 10, 3207-3217.	3.5	9
446	Distinct roles of angiotensin receptors in autonomic dysreflexia following high-level spinal cord injury in mice. Experimental Neurology, 2019, 311, 173-181.	4.1	9
447	Paternal exercise protects against liver steatosis in the male offspring of mice submitted to high fat diet. Life Sciences, 2020, 263, 118583.	4.3	9
448	Targeting angiotensin type-2 receptors located on pressor neurons in the nucleus of the solitary tract to relieve hypertension in mice. Cardiovascular Research, 2022, 118, 883-896.	3.8	9
449	A 60-kDa protein from rabbit reticulocytes specifically recognizes the capped 5' end of beta-globin mRNA. FEBS Journal, 1991, 201, 139-145.	0.2	8
450	Molecular structure and transcriptional regulation by nuclear factor-Î¹B of the mouse kinin B1 receptor gene. Biological Chemistry, 2005, 386, 515-22.	2.5	8

#	Article	IF	Citations
451	Endothelium dependent expression and underlying mechanisms of des-Arg9-bradykinin-induced B1R-mediated vasoconstriction in rat portal vein. Peptides, 2012, 37, 216-224.	2.4	8
452	Avosentan is protective in hypertensive nephropathy at doses not causing fluid retention. Pharmacological Research, 2014, 80, 9-13.	7.1	8
453	Kinin B1 and B2 receptor deficiency protects against obesity induced by a high-fat diet and improves glucose tolerance in mice. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2015, 8, 399.	2.4	8
454	Improved cardiovascular autonomic modulation in transgenic rats expressing an Ang-(1-7)-producing fusion protein. Canadian Journal of Physiology and Pharmacology, 2017, 95, 993-998.	1.4	8
455	The activity of the Striatalâ€enriched protein tyrosine phosphatase in neuronal cells is modulated by adenosine A 2A receptor. Journal of Neurochemistry, 2020, 152, 284-298.	3.9	8
456	Effects of empagliflozin and target-organ damage in a novel rodent model of heart failure induced by combined hypertension and diabetes. Scientific Reports, 2020, 10, 14061.	3.3	8
457	Angiotensin-(1-7) Prevents Lipopolysaccharide-Induced Autophagy via the Mas Receptor in Skeletal Muscle. International Journal of Molecular Sciences, 2020, 21, 9344.	4.1	8
458	B 1 and B 2 kinin receptor blockade improves psoriasisâ€like disease. British Journal of Pharmacology, 2020, 177, 3535-3551.	5.4	8
459	Relevance of angiotensin-(1-7) and its receptor Mas in pneumonia caused by influenza virus and post-influenza pneumococcal infection. Pharmacological Research, 2021, 163, 105292.	7.1	8
460	Laser Fusion of Mouse Embryonic Cells and Intra-Embryonic Fusion of Blastomeres without Affecting the Embryo Integrity. PLoS ONE, 2012, 7, e50029.	2.5	8
461	Cytochrome P450 2D (CYP2D) enzyme dysfunction associated with aging and serotonin deficiency in the brain and liver of female Dark Agouti rats. Neurochemistry International, 2022, 152, 105223.	3.8	8
462	Serotonin limits generation of chromaffin cells during adrenal organ development. Nature Communications, 2022, 13, .	12.8	8
463	Transgenic animal models for the functional analysis of vasoactive peptides. Brazilian Journal of Medical and Biological Research, 1998, 31, 1171-1183.	1.5	7
464	Acute Effects of Cyclooxygenase-2 Inhibition on Renal Function in Heterozygous Ren-2-Transgenic Rats on Normal or Low Sodium Intake. Kidney and Blood Pressure Research, 2004, 27, 203-210.	2.0	7
465	(+)-Norfenfluramine-Induced Arterial Contraction Is Not Dependent on Endogenous 5-Hydroxytryptamine or 5-Hydroxytryptamine Transporter. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 953-960.	2.5	7
466	Autonomic control in rats with overactivity of tissue reninâ€“angiotensin or kallikreinâ€“kinin system. Regulatory Peptides, 2005, 129, 155-159.	1.9	7
467	Enhanced isoproterenol-induced cardiac hypertrophy in transgenic rats with low brain angiotensinogen. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H2371-H2376.	3.2	7
468	Deficiency of Bradykinin Receptor B2 Is not Detrimental in Experimental Stroke. Hypertension, 2008, 51, e41; author reply e42-3.	2.7	7

#	Article	IF	Citations
469	Cross talk between kinin and angiotensin II receptors in mouse abdominal aorta. Biological Chemistry, 2009, 390, 907-913.	2.5	7
470	Overexpression of Full-Length Centrobin Rescues Limb Malformation but Not Male Fertility of the Hypodactylous (hd) Rats. PLoS ONE, 2013, 8, e60859.	2.5	7
471	Elastase-2, a Tissue Alternative Pathway for Angiotensin II Generation, Plays a Role in Circulatory Sympathovagal Balance in Mice. Frontiers in Physiology, 2017, 8, 170.	2.8	7
472	Development of obesity can be prevented in rats by chronic icv infusions of AngII but less by Ang(1â€“7). Pflugers Archiv European Journal of Physiology, 2018, 470, 867-881.	2.8	7
473	Genetic deletion of the Angiotensin-(1â€“7) receptor Mas leads to a reduced ovulatory rate. Peptides, 2018, 107, 83-88.	2.4	7
474	Short-Term Western Diet Aggravates Non-Alcoholic Fatty Liver Disease (NAFLD) With Portal Hypertension in TGR(mREN2)27 Rats. International Journal of Molecular Sciences, 2020, 21, 3308.	4.1	7
475	The Absence of Serotonin in the Brain Alters Acute Stress Responsiveness by Interfering With the Genomic Function of the Glucocorticoid Receptors. Frontiers in Cellular Neuroscience, 2020, 14, 128.	3.7	7
476	Increased angiotensin II formation in the brain modulates cardiovascular homeostasis and erythropoiesis. Clinical Science, 2021, 135, 1353-1367.	4.3	7
477	The (pro)renin receptor (ATP6ap2) facilitates receptor-mediated endocytosis and lysosomal function in the renal proximal tubule. Pflugers Archiv European Journal of Physiology, 2021, 473, 1229-1246.	2.8	7
478	ACE2, a multifunctional protein â€“ from cardiovascular regulation to COVID-19. Clinical Science, 2020, 134, 3229-3232.	4.3	7
479	Serotonin is required for pharyngeal arch morphogenesis in zebrafish. ScienceOpen Research, 2014, .	0.6	7
480	Basic methodology in the molecular characterization of genes. Journal of Hypertension, 1992, 10, 9-16.	0.5	6
481	Delayed Maturation of Catecholamine Phenotype in Nucleus Tractus Solitarius of Rats With Glial Angiotensinogen Depletion. Hypertension, 2003, 42, 978-984.	2.7	6
482	Excessive Hypertension and End-organ Damage in a Transgenic Mouse Line Carrying the Rat Angiotensinogen Gene. Journal of Cardiovascular Pharmacology, 2009, 53, 38-43.	1.9	6
483	Bradykinin B2 Receptor Agonism: A Novel Therapeutic Strategy for Myocardial Infarction?. American Journal of Hypertension, 2010, 23, 459-459.	2.0	6
484	Effect of Angiotensin(1-7) on Heart Function in an Experimental Rat Model of Obesity. Frontiers in Physiology, 2015, 6, 392.	2.8	6
485	Glucagon-producing cells are increased in Mas-deficient mice. Endocrine Connections, 2017, 6, 27-32.	1.9	6
486	Renin-Angiotensin System in Aortic Aneurysm. Hypertension, 2018, 72, 579-581.	2.7	6

#	Article	IF	Citations
487	Brain serotonin critically contributes to the biological effects of electroconvulsive seizures. European Archives of Psychiatry and Clinical Neuroscience, 2018, 268, 861-864.	3.2	6
488	Angiotensin-(1-7) Receptor Mas in Hemodynamic and Thermoregulatory Dysfunction After High-Level Spinal Cord Injury in Mice: A Pilot Study. Frontiers in Physiology, 2018, 9, 1930.	2.8	6
489	Endothelial B2â€receptor overexpression as an alternative animal model for hereditary angioedema. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1998-2002.	5.7	6
490	Bradykinin B2 Receptor Signaling Increases Glucose Uptake and Oxidation: Evidence and Open Questions. Frontiers in Pharmacology, 2020, 11, 1162.	3.5	6
491	The serotonin-free brain: behavioral consequences of Tph2 deficiency in animal models. Handbook of Behavioral Neuroscience, 2020, 31, 601-607.	0.7	6
492	Dorsal raphe serotonin neurotransmission is required for the expression of nursing behavior and for pup survival. Scientific Reports, 2021, 11, 6004.	3.3	6
493	The coming together of allosteric and phosphorylation mechanisms in the molecular integration of A2A heteroreceptor complexes in the dorsal and ventral striatal-pallidal GABA neurons. Pharmacological Reports, 2021, 73, 1096-1108.	3.3	6
494	Diabetic pregnancy as a novel risk factor for cardiac dysfunction in the offspringâ€"the heart as a target for fetal programming in rats. Diabetologia, 2021, 64, 2829-2842.	6.3	6
495	Anti-inflammatory role of Gpnmb in adipose tissue of mice. Scientific Reports, 2021, 11, 19614.	3.3	6
496	Peripheral Serotonin Deficiency Affects Anxiety-like Behavior and the Molecular Response to an Acute Challenge in Rats. International Journal of Molecular Sciences, 2022, 23, 4941.	4.1	6
497	Expression of the mouse ren-2 gene in the small intestine is regulated by food intake. Pflugers Archiv European Journal of Physiology, 1993, 424, 199-202.	2.8	5
498	Transgenic Animal Models for Neuropharmacology. Reviews in the Neurosciences, 2000, 11, 27-36.	2.9	5
499	Essential role of TM V and VI for binding the C-terminal sequences of Des-Arg-kinins. International Immunopharmacology, 2008, 8, 282-288.	3.8	5
500	398 EVIDENCE OF A DIRECT MAS-AT2 RECEPTOR DIMERIZATION. Journal of Hypertension, 2012, 30, e117.	0.5	5
501	Receptors, G proteins, and integration of calcium signalling. Journal of Molecular Medicine, 2015, 93, 937-940.	3.9	5
502	Locus Coeruleus Dysfunction in Transgenic Rats with Low Brain Angiotensinogen. CNS Neuroscience and Therapeutics, 2016, 22, 230-237.	3.9	5
503	Continuous Blood Glucose Monitoring Reveals Enormous Circadian Variations in Pregnant Diabetic Rats. Frontiers in Endocrinology, 2018, 9, 271.	3.5	5
504	Nephropathy in Hypertensive Animals Is Linked to M2 Macrophages and Increased Expression of the YM1/Chi3l3 Protein. Mediators of Inflammation, 2019, 2019, 1-14.	3.0	5

#	Article	IF	Citations
505	Angiotensin II type 2 receptor mediates high fat diet-induced cardiomyocyte hypertrophy and hypercholesterolemia. Molecular and Cellular Endocrinology, 2019, 498, 110576.	3.2	5
506	Interactions between carboxypeptidase M and kinin B1 receptor in endothelial cells. Inflammation Research, 2019, 68, 845-855.	4.0	5
507	The antiobese effect of AT1 receptor blockade is augmented in mice lacking Mas. Naunyn-Schmiedeberg's Archives of Pharmacology, 2019, 392, 865-877.	3.0	5
508	Angiotensin-Converting Enzyme Inhibitor Protects Against Cisplatin Nephrotoxicity by Modulating Kinin B1 Receptor Expression and Aminopeptidase P Activity in Mice. Frontiers in Molecular Biosciences, 2020, 7, 96.	3.5	5
509	Induction of hippocampal glial cells expressing basic fibroblast growth factor RNA by corticosterone. NeuroReport, 2001, 12, 141-145.	1.2	4
510	Cloning of Rats. , 2002, , 403-415.		4
511	Development of antithrombotic miniribozymes that target peripheral tryptophan hydroxylase. Molecular and Cellular Biochemistry, 2007, 295, 205-215.	3.1	4
512	Signal transduction in CHO cells stably transfected with domain-selective forms of murine ACE. Biological Chemistry, 2010, 391, 235-244.	2.5	4
513	Antinociceptive response in transgenic mice expressing rat tonin. European Journal of Pharmacology, 2013, 713, 1-5.	3.5	4
514	Evaluation of Endothelial Dysfunction In Vivo. Methods in Molecular Biology, 2017, 1527, 355-367.	0.9	4
515	Targeted genomic integration of EGFP under tubulin beta 3 class III promoter and mEos2 under tryptophan hydroxylase 2 promoter does not produce sufficient levels of reporter gene expression. Journal of Cellular Biochemistry, 2019, 120, 17208-17218.	2.6	4
516	The (pro)renin receptor: whatâ€™s in a name?. Nature Reviews Nephrology, 2020, 16, 304-304.	9.6	4
517	3-Amino-1,2,4-Triazole Induces Quick and Strong Fat Loss in Mice with High Fat-Induced Metabolic Syndrome. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-14.	4.0	4
518	Intrauterine Exposure to Diabetic Milieu Does Not Induce Diabetes and Obesity in Male Adulthood in a Novel Rat Model. Hypertension, 2021, 77, 202-215.	2.7	4
519	AT1 and AT2 Receptor Knockout Changed Osteonectin and Bone Density in Mice in Periodontal Inflammation Experimental Model. International Journal of Molecular Sciences, 2021, 22, 5217.	4.1	4
520	Cortisol Dose-Dependently Impairs Migration and Tube-like Formation in a Trophoblast Cell Line and Modulates Inflammatory and Angiogenic Genes. Biomedicines, 2021, 9, 980.	3.2	4
521	Hemodynamic phenotyping of transgenic rats with ubiquitous expression of an angiotensin-(1-7)-producing fusion protein. Clinical Science, 2021, 135, 2197-2216.	4.3	4
522	Specification and Differentiation of Serotonergic Neurons. Stem Cell Reviews and Reports, 2006, 2, 5-10.	5.6	4

#	Article	IF	Citations
523	Tph2 Gene Expression Defines Ethanol Drinking Behavior in Mice. Cells, 2022, 11, 874.	4.1	4
524	Mouse Knockout Models of Hypertension. , 2005, 108, 017-032.		3
525	Distribution of Non-AT1, Non-AT2 Binding of 125I-Sarcosine1, Isoleucine8 Angiotensin II in Neurolysin Knockout Mouse Brains. PLoS ONE, 2014, 9, e105762.	2.5	3
526	Investigating the link between MCP-1 A-2518G, RANTES G-403A, CX3CR1 V249I and MTHFR C677T gene polymorphisms and the risk of acute myocardial infarction among Egyptians. Meta Gene, 2017, 11, 181-188.	0.6	3
527	Of Mice and Renin. Hypertension, 2017, 70, 35-37.	2.7	3
528	Chronic Overexpression of Bradykinin in Kidney Causes Polyuria and Cardiac Hypertrophy. Frontiers in Medicine, 2018, 5, 338.	2.6	3
529	Cardiovascular magnetic resonance detects microvascular dysfunction in a mouse model of hypertrophic cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 63.	3.3	3
530	Urinary Pentachlorophenol in Painters and Bricklayers in a Four-Years Time Interval after the PCP Prohibition Ordinance in Germany. Industrial Health, 2007, 45, 338-342.	1.0	3
531	Cardiac Morphofunctional Characteristics of Transgenic Rats With Overexpression of the Bradykinin B1 Receptor in the Endothelium. Physiological Research, 2017, 66, 925-932.	0.9	3
532	Genetically altered animals in the study of the metabolic functions of peptide hormone systems. Current Opinion in Nephrology and Hypertension, 2008, 17, 11-17.	2.0	2
533	Blood pressure and reninâ€“angiotensin system resetting in transgenic rats with elevated plasma Val5-angiotensinogen. Journal of Hypertension, 2012, 30, 1597-1605.	0.5	2
534	Kinin B1 receptor gene ablation affects hypothalamic CART production^b. Biological Chemistry, 2013, 394, 901-908.	2.5	2
535	Increased Ethanol Consumption and Locomotion Develop upon Ethanol Deprivation in Rats Overexpressing the Adenosine (A)2A Receptor. Neuroscience, 2019, 418, 133-148.	2.3	2
536	Knockout of aminopeptidase A in mice causes functional alterations and morphological glomerular basement membrane changes in the kidneys. Kidney International, 2021, 99, 900-913.	5.2	2
537	1 Kinins: History and outlook. , 2011, , 1-6.		2
538	Alterations in BDNF Protein Concentrations in the Hippocampus do not Explain the Pro-Neurogenic Effect of Citalopram on Adult Neurogenesis. Pharmacopsychiatry, 2021, 54, 101-105.	3.3	2
539	Enduring Effects of Conditional Brain Serotonin Knockdown, Followed by Recovery, on Adult Rat Neurogenesis and Behavior. Cells, 2021, 10, 3240.	4.1	2
540	The Receptor AT1 Appears to Be Important for the Maintenance of Bone Mass and AT2 Receptor Function in Periodontal Bone Loss Appears to Be Regulated by AT1 Receptor. International Journal of Molecular Sciences, 2021, 22, 12849.	4.1	2

#	Article	IF	Citations
541	In Vivo Renin Activity Imaging in the Kidney of Progeroid Ercc1 Mutant Mice. International Journal of Molecular Sciences, 2021, 22, 12433.	4.1	2
542	Carbon-mixed dental cement for fixing fiber optic ferrules prevents visually triggered locomotive enhancement in mice upon optogenetic stimulation. Heliyon, 2022, 8, e08692.	3.2	2
543	Role of Gpnmb in atherosclerosis of female mice. Biochemical and Biophysical Research Communications, 2022, 621, 20-24.	2.1	2
544	Altered renal response to acute volume expansion in transgenic rats harboring the human tissue kallikrein gene. Regulatory Peptides, 2005, 124, 127-135.	1.9	1
545	Functional expression of angiotensinogen depends on splicing enhancers in exon 2. Molecular and Cellular Endocrinology, 2011, 332, 228-233.	3.2	1
546	Multiple non-coding exons and alternative splicing in the mouse Mas protooncogene. Gene, 2015, 568, 155-164.	2.2	1
547	Angiotensinâ€ receptor type Ia does not contribute to cardiac atrophy following highâ€thoracic spinal cord injury in mice. Experimental Physiology, 2020, 105, 1316-1325.	2.0	1
548	Angiotensin-(1â€“7) Receptor Mas Deficiency Does Not Exacerbate Cardiac Atrophy Following High-Level Spinal Cord Injury in Mice. Frontiers in Physiology, 2020, 11, 203.	2.8	1
549	Angiotensin 1â€“7 prevents the excessive force loss resulting from 14- and 28-day denervation in mouse EDL and soleus muscle. Journal of General Physiology, 2021, 153, .	1.9	1
550	Characterization of an inhibitor of protein synthesis initiation from mouse erythroleukemia cells. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1989, 1009, 61-69.	2.4	0
551	Brain angiotensins in the cardiovascular regulation: usefulness of transgenic animals. Fundamental and Clinical Pharmacology, 1997, 11, 53s.	1.9	0
552	Role of Local Renin Angiotensin Systems in Cardiac Damage. , 2006, , 47-62.		0
553	An old couple: the reninâ€“angiotensin system (RAS) and the Journal of Molecular Medicine (JMolMed). Journal of Molecular Medicine, 2008, 86, 609-610.	3.9	0
554	Highlights of the 13th Annual Meeting of the European Council for Cardiovascular Research. Future Cardiology, 2009, 5, 23-25.	1.2	0
555	Response to Letter by Tsuda. Stroke, 2009, 40, .	2.0	0
556	Animal Models with a Genetic Alteration of the ACE2/Ang-(1-7)/Mas Axis. , 2015, , 161-168.		0
557	[16-OR]. Pregnancy Hypertension, 2015, 5, 8.	1.4	0
558	Phenotype of Mice Lacking Tryptophan Hydroxylase 1. , 2019, , 167-179.		0

#	Article	IF	Citations
559	Reninâ€“Angiotensinâ€“Aldosterone System. , 2021, , 1-6.		0
560	Receptors | Bradykinin Receptors. , 2021, , 126-131.		0
561	Differential Effects of Angiotensin II and Angiotensin-(1-7) at the Nucleus Tractus Solitarii of Transgenic Rats with Low Brain Angiotensinogen. Hypertension, 2000, 36, 700-700.	2.7	0
562	Renin. , 2007, , 1-10.		0
563	Activation of the PTHRP/adenylate cyclase pathway promotes differentiation of rat XEN cells into parietal endoderm, whereas Wnt/Î²-catenin signaling promotes differentiation into visceral endoderm. Development (Cambridge), 2013, 140, e807-e807.	2.5	0
564	Reduction of cardiac hypertrophy in TGR(mREN2)27 by angiotensin II receptor blockade. , 1996, , 217-221.		0
565	Characterization of a novel transgenic rat model for imaging brain vascular dynamics in vivo using confocal endomicroscopy (686.27). FASEB Journal, 2014, 28, 686.27.	0.5	0
566	Genetic Models. , 2019, , 35-51.		0
567	Reninâ€“Angiotensinâ€“Aldosterone System. , 2021, , 1353-1358.		0
568	(Pro)renin Receptor Inhibition Reduces Plasma Cholesterol and Triglycerides but Does Not Attenuate Atherosclerosis in Atherosclerotic Mice. Frontiers in Cardiovascular Medicine, 2021, 8, 725203.	2.4	0
569	Kinins. , 0, , 101-123.		0
570	Alterations of Central Vasopressinergic System in Transgenic Rats with Low Brain Angiotensinogen. Hypertension, 2000, 36, 727-727.	2.7	0