

# Michael Bader

## List of Publications by Citations

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g-index

586  
ext. papers

31,476  
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6.95  
L-index

#	Paper	IF	Citations
553	Angiotensin-(1-7) is an endogenous ligand for the G protein-coupled receptor Mas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 8258-63	11.5	1368
552	Synthesis of serotonin by a second tryptophan hydroxylase isoform. <i>Science</i> , <b>2003</b> , 299, 76	33.3	1080
551	Platelet-derived serotonin mediates liver regeneration. <i>Science</i> , <b>2006</b> , 312, 104-7	33.3	598
550	A unique central tryptophan hydroxylase isoform. <i>Biochemical Pharmacology</i> , <b>2003</b> , 66, 1673-80	6	527
549	The ACE2/Angiotensin-(1-7)/MAS Axis of the Renin-Angiotensin System: Focus on Angiotensin-(1-7). <i>Physiological Reviews</i> , <b>2018</b> , 98, 505-553	47.9	494
548	Weight loss and the renin-angiotensin-aldosterone system. <i>Hypertension</i> , <b>2005</b> , 45, 356-62	8.5	480
547	Serotonylation of small GTPases is a signal transduction pathway that triggers platelet alpha-granule release. <i>Cell</i> , <b>2003</b> , 115, 851-62	56.2	363
546	Angiotensin-converting enzyme 2, angiotensin-(1-7) and Mas: new players of the renin-angiotensin system. <i>Journal of Endocrinology</i> , <b>2013</b> , 216, R1-R17	4.7	349
545	Lrp5 functions in bone to regulate bone mass. <i>Nature Medicine</i> , <b>2011</b> , 17, 684-91	50.5	345
544	Preimplantation-stage stem cells induce long-term allogeneic graft acceptance without supplementary host conditioning. <i>Nature Medicine</i> , <b>2002</b> , 8, 171-8	50.5	261
543	Growth retardation and altered autonomic control in mice lacking brain serotonin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 10332-7	11.5	254
542	Discovery and characterization of alamandine: a novel component of the renin-angiotensin system. <i>Circulation Research</i> , <b>2013</b> , 112, 1104-11	15.7	250
541	Tissue renin-angiotensin-aldosterone systems: Targets for pharmacological therapy. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2010</b> , 50, 439-65	17.9	240
540	Intracellular serotonin modulates insulin secretion from pancreatic beta-cells by protein serotonylation. <i>PLoS Biology</i> , <b>2009</b> , 7, e1000229	9.7	235
539	Expression of nitric oxide synthase in kidney macula densa cells. <i>Kidney International</i> , <b>1992</b> , 42, 1017-9	9.9	222
538	Impaired endothelium-derived hyperpolarizing factor-mediated dilations and increased blood pressure in mice deficient of the intermediate-conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channel. <i>Circulation Research</i> , <b>2006</b> , 99, 537-44	15.7	209
537	Axonal transcription factors signal retrogradely in lesioned peripheral nerve. <i>EMBO Journal</i> , <b>2012</b> , 31, 1350-63	13	205

536	Tissue renin-angiotensin systems: new insights from experimental animal models in hypertension research. <i>Journal of Molecular Medicine</i> , <b>2001</b> , 79, 76-102	5.5	205
535	Update on tissue renin-angiotensin systems. <i>Journal of Molecular Medicine</i> , <b>2008</b> , 86, 615-21	5.5	204
534	Platelet serotonin promotes the recruitment of neutrophils to sites of acute inflammation in mice. <i>Blood</i> , <b>2013</b> , 121, 1008-15	2.2	203
533	Mas deficiency in FVB/N mice produces marked changes in lipid and glycemic metabolism. <i>Diabetes</i> , <b>2008</b> , 57, 340-7	0.9	198
532	Aggravation of viral hepatitis by platelet-derived serotonin. <i>Nature Medicine</i> , <b>2008</b> , 14, 756-61	50.5	192
531	Impairment of in vitro and in vivo heart function in angiotensin-(1-7) receptor MAS knockout mice. <i>Hypertension</i> , <b>2006</b> , 47, 996-1002	8.5	189
530	Serotonin regulates mammary gland development via an autocrine-paracrine loop. <i>Developmental Cell</i> , <b>2004</b> , 6, 193-203	10.2	189
529	Angiotensin(1-7) blunts hypertensive cardiac remodeling by a direct effect on the heart. <i>Circulation Research</i> , <b>2008</b> , 103, 1319-26	15.7	188
528	Prorenin and renin-induced extracellular signal-regulated kinase 1/2 activation in monocytes is not blocked by aliskiren or the handle-region peptide. <i>Hypertension</i> , <b>2008</b> , 51, 682-8	8.5	186
527	Elevated blood pressure and heart rate in human renin receptor transgenic rats. <i>Hypertension</i> , <b>2006</b> , 47, 552-6	8.5	183
526	Differential use of importin- $\beta$ isoforms governs cell tropism and host adaptation of influenza virus. <i>Nature Communications</i> , <b>2011</b> , 2, 156	17.4	182
525	Combining mass spectrometry and pull-down techniques for the study of receptor heteromerization. Direct epitope-epitope electrostatic interactions between adenosine A2A and dopamine D2 receptors. <i>Analytical Chemistry</i> , <b>2004</b> , 76, 5354-63	7.8	181
524	Central control of fever and female body temperature by RANKL/RANK. <i>Nature</i> , <b>2009</b> , 462, 505-9	50.4	173
523	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. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 2441-53	1.9	168
522	Histone serotonylation is a permissive modification that enhances TFIID binding to H3K4me3. <i>Nature</i> , <b>2019</b> , 567, 535-539	50.4	166
521	SDF-1 $\beta$ s a therapeutic stem cell homing factor in myocardial infarction. <i>Pharmacology &amp; Therapeutics</i> , <b>2011</b> , 129, 97-108	13.9	162
520	Sustained long term potentiation and anxiety in mice lacking the Mas protooncogene. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 11867-73	5.4	160
519	Prorenin receptor is essential for podocyte autophagy and survival. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2011</b> , 22, 2193-202	12.7	156

518	Endothelial dysfunction and elevated blood pressure in MAS gene-deleted mice. <i>Hypertension</i> , <b>2008</b> , 51, 574-80	8.5	156
517	Expression of an angiotensin-(1-7)-producing fusion protein produces cardioprotective effects in rats. <i>Physiological Genomics</i> , <b>2004</b> , 17, 292-9	3.6	156
516	Direct angiotensin II type 2 receptor stimulation acts anti-inflammatory through epoxyeicosatrienoic acid and inhibition of nuclear factor kappaB. <i>Hypertension</i> , <b>2010</b> , 55, 924-31	8.5	153
515	Transgenic angiotensin-converting enzyme 2 overexpression in vessels of SHRSP rats reduces blood pressure and improves endothelial function. <i>Hypertension</i> , <b>2008</b> , 52, 967-73	8.5	149
514	Evidence for a functional interaction of the angiotensin-(1-7) receptor Mas with AT1 and AT2 receptors in the mouse heart. <i>Hypertension</i> , <b>2005</b> , 46, 937-42	8.5	145
513	Serotonin is required for exercise-induced adult hippocampal neurogenesis. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 8270-5	6.6	143
512	The transcription factor grainyhead-like 2 regulates the molecular composition of the epithelial apical junctional complex. <i>Development (Cambridge)</i> , <b>2010</b> , 137, 3835-45	6.6	142
511	Nonpeptide AVE 0991 is an angiotensin-(1-7) receptor Mas agonist in the mouse kidney. <i>Hypertension</i> , <b>2004</b> , 44, 490-6	8.5	141
510	Mass-spectrometric identification of a novel angiotensin peptide in human plasma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 297-302	9.4	139
509	Overview on 5-HT receptors and their role in physiology and pathology of the central nervous system. <i>Pharmacological Reports</i> , <b>2009</b> , 61, 761-77	3.9	135
508	The renin-angiotensin system: going beyond the classical paradigms. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 316, H958-H970	5.2	134
507	Platelets and platelet-derived serotonin promote tissue repair after normothermic hepatic ischemia in mice. <i>Hepatology</i> , <b>2007</b> , 45, 369-76	11.2	133
506	Improved lipid and glucose metabolism in transgenic rats with increased circulating angiotensin-(1-7). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2010</b> , 30, 953-61	9.4	130
505	Anti-inflammatory effects of the activation of the angiotensin-(1-7) receptor, MAS, in experimental models of arthritis. <i>Journal of Immunology</i> , <b>2010</b> , 185, 5569-76	5.3	130
504	Molecular mechanisms involved in the angiotensin-(1-7)/Mas signaling pathway in cardiomyocytes. <i>Hypertension</i> , <b>2008</b> , 52, 542-8	8.5	126
503	Decreased liver fatty acid binding capacity and altered liver lipid distribution in mice lacking the liver fatty acid-binding protein gene. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 21429-38	5.4	126
502	Blood pressure response to chronic episodic hypoxia: the renin-angiotensin system. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 627-33	3.7	125
501	Inhibition of pressure natriuresis in mice lacking the AT2 receptor. <i>Kidney International</i> , <b>2000</b> , 57, 191-203	3.9	123

500	Restoration of muscle strength in dystrophic muscle by angiotensin-1-7 through inhibition of TGF- $\beta$ signalling. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 1237-49	5.6	122
499	Blockade of bradykinin receptor B1 but not bradykinin receptor B2 provides protection from cerebral infarction and brain edema. <i>Stroke</i> , <b>2009</b> , 40, 285-93	6.7	120
498	Serotonin mediates oxidative stress and mitochondrial toxicity in a murine model of nonalcoholic steatohepatitis. <i>Gastroenterology</i> , <b>2007</b> , 133, 608-18	13.3	119
497	Smooth-muscle contraction without smooth-muscle myosin. <i>Nature Cell Biology</i> , <b>2000</b> , 2, 371-5	23.4	118
496	Altered vascular reactivity in arterioles of chronic intermittent hypoxic rats. <i>Journal of Applied Physiology</i> , <b>2001</b> , 90, 2007-13; discussion 2000	3.7	118
495	ACE2-angiotensin-(1-7)-Mas axis and oxidative stress in cardiovascular disease. <i>Hypertension Research</i> , <b>2011</b> , 34, 154-60	4.7	117
494	Genetic deletion of the angiotensin-(1-7) receptor Mas leads to glomerular hyperfiltration and microalbuminuria. <i>Kidney International</i> , <b>2009</b> , 75, 1184-1193	9.9	113
493	Blood pressure-independent effects in rats with human renin and angiotensinogen genes. <i>Hypertension</i> , <b>2000</b> , 35, 587-94	8.5	113
492	Expression of the mouse and rat mas proto-oncogene in the brain and peripheral tissues. <i>FEBS Letters</i> , <b>1995</b> , 357, 27-32	3.8	113
491	Renal effects of Tamm-Horsfall protein (uromodulin) deficiency in mice. <i>American Journal of Physiology - Renal Physiology</i> , <b>2005</b> , 288, F559-67	4.3	112
490	MAS and its related G protein-coupled receptors, Mrgprs. <i>Pharmacological Reviews</i> , <b>2014</b> , 66, 1080-105	22.5	110
489	Ang II (Angiotensin II) Conversion to Angiotensin-(1-7) in the Circulation Is POP (Prolyl oligopeptidase)-Dependent and ACE2 (Angiotensin-Converting Enzyme 2)-Independent. <i>Hypertension</i> , <b>2020</b> , 75, 173-182	8.5	110
488	Bradykinin-induced microglial migration mediated by B1-bradykinin receptors depends on Ca <sup>2+</sup> influx via reverse-mode activity of the Na <sup>+</sup> /Ca <sup>2+</sup> exchanger. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 13065-73	6.6	107
487	In vivo bradykinin B2 receptor activation reduces renal fibrosis. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 110, 371-379	15.9	107
486	Cardiac hypertrophy in transgenic rats expressing a dominant-negative mutant of the natriuretic peptide receptor B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 4735-40	11.5	106
485	Intrarenal renin angiotensin system revisited: role of megalin-dependent endocytosis along the proximal nephron. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 41935-46	5.4	105
484	Genetically altered animal models for Mas and angiotensin-(1-7). <i>Experimental Physiology</i> , <b>2008</b> , 93, 528-34	3.7	105
483	The antithrombotic effect of angiotensin-(1-7) involves mas-mediated NO release from platelets. <i>Molecular Medicine</i> , <b>2008</b> , 14, 28-35	6.2	105

482	Overexpression of the C-type natriuretic peptide (CNP) is associated with overgrowth and bone anomalies in an individual with balanced t(2;7) translocation. <i>Human Mutation</i> , <b>2007</b> , 28, 724-31	4.7	105
481	Targeting kinin B(1) receptor for therapeutic neovascularization. <i>Circulation</i> , <b>2002</b> , 105, 360-6	16.7	105
480	ACE2, angiotensin-(1 $\bar{7}$ ), and Mas: the other side of the coin. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2013</b> , 465, 79-85	4.6	103
479	The endothelium-dependent vasodilator effect of the nonpeptide Ang(1-7) mimic AVE 0991 is abolished in the aorta of mas-knockout mice. <i>Journal of Cardiovascular Pharmacology</i> , <b>2005</b> , 46, 274-9	3.1	103
478	Emergence and evolution of the renin-angiotensin-aldosterone system. <i>Journal of Molecular Medicine</i> , <b>2012</b> , 90, 495-508	5.5	102
477	Connective tissue growth factor overexpression in cardiomyocytes promotes cardiac hypertrophy and protection against pressure overload. <i>PLoS ONE</i> , <b>2009</b> , 4, e6743	3.7	102
476	Serotonin regulates macrophage-mediated angiogenesis in a mouse model of colon cancer allografts. <i>Cancer Research</i> , <b>2008</b> , 68, 5152-8	10.1	98
475	Glucocorticoid and mineralocorticoid receptor-mediated regulation of neurotrophic factor gene expression in the dorsal hippocampus and the neocortex of the rat. <i>European Journal of Neuroscience</i> , <b>2000</b> , 12, 2918-34	3.5	98
474	Evidence for the participation of kinins in Freund's adjuvant-induced inflammatory and nociceptive responses in kinin B1 and B2 receptor knockout mice. <i>Neuropharmacology</i> , <b>2001</b> , 41, 1006-12	5.5	98
473	Transgenic activation of the kallikrein-kinin system inhibits intramyocardial inflammation, endothelial dysfunction and oxidative stress in experimental diabetic cardiomyopathy. <i>FASEB Journal</i> , <b>2005</b> , 19, 2057-9	0.9	97
472	Reduced cardiac hypertrophy and altered blood pressure control in transgenic rats with the human tissue kallikrein gene. <i>FASEB Journal</i> , <b>2000</b> , 14, 1858-60	0.9	97
471	Apoptosis repressor with caspase recruitment domain is required for cardioprotection in response to biomechanical and ischemic stress. <i>Circulation</i> , <b>2006</b> , 113, 1203-12	16.7	96
470	Working memory deficits in transgenic rats overexpressing human adenosine A2A receptors in the brain. <i>Neurobiology of Learning and Memory</i> , <b>2007</b> , 87, 42-56	3.1	94
469	Characterization of the Han:SPRD rat model for hereditary polycystic kidney disease. <i>Kidney International</i> , <b>1994</b> , 46, 134-52	9.9	94
468	Activation of kinin receptor B1 limits encephalitogenic T lymphocyte recruitment to the central nervous system. <i>Nature Medicine</i> , <b>2009</b> , 15, 788-93	50.5	93
467	Effect of tryptophan hydroxylase 1 deficiency on the development of hypoxia-induced pulmonary hypertension. <i>Hypertension</i> , <b>2007</b> , 49, 232-6	8.5	93
466	Ischemic injury in experimental stroke depends on angiotensin II. <i>FASEB Journal</i> , <b>2002</b> , 16, 169-76	0.9	93
465	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. <i>Neuropharmacology</i> , <b>2002</b> , 43, 1188-97	5.5	91

464	Angiotensin-(1-7) prevents cardiomyocyte pathological remodeling through a nitric oxide/guanosine 3',5'-cyclic monophosphate-dependent pathway. <i>Hypertension</i> , <b>2010</b> , 55, 153-60	8.5	89
463	Dynamics of DNA-demethylation in early mouse and rat embryos developed in vivo and in vitro. <i>Molecular Reproduction and Development</i> , <b>2007</b> , 74, 1255-61	2.6	87
462	Vascular relaxation, antihypertensive effect, and cardioprotection of a novel peptide agonist of the MAS receptor. <i>Hypertension</i> , <b>2010</b> , 56, 112-20	8.5	86
461	Stretch-activation of angiotensin II type 1a receptors contributes to the myogenic response of mouse mesenteric and renal arteries. <i>Circulation Research</i> , <b>2014</b> , 115, 263-72	15.7	84
460	Gene deletion of the kinin receptor B1 attenuates cardiac inflammation and fibrosis during the development of experimental diabetic cardiomyopathy. <i>Diabetes</i> , <b>2009</b> , 58, 1373-81	0.9	84
459	Aliskiren-binding increases the half life of renin and prorenin in rat aortic vascular smooth muscle cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2008</b> , 28, 1151-7	9.4	82
458	ACE2 in Brain Physiology and Pathophysiology: Evidence from Transgenic Animal Models. <i>Neurochemical Research</i> , <b>2019</b> , 44, 1323-1329	4.6	82
457	Prevention of cardiac fibrosis and left ventricular dysfunction in diabetic cardiomyopathy in rats by transgenic expression of the human tissue kallikrein gene. <i>FASEB Journal</i> , <b>2004</b> , 18, 828-35	0.9	81
456	Molecular cloning and functional characterization of a mouse bradykinin B1 receptor gene. <i>Biochemical and Biophysical Research Communications</i> , <b>1996</b> , 220, 219-25	3.4	81
455	Angiotensin type 2 receptor (AT2R) and receptor Mas: a complex liaison. <i>Clinical Science</i> , <b>2015</b> , 128, 227-34	8.5	80
454	Life without brain serotonin: reevaluation of serotonin function with mice deficient in brain serotonin synthesis. <i>Behavioural Brain Research</i> , <b>2015</b> , 277, 78-88	3.4	80
453	Diabetic hypertensive leptin receptor-deficient db/db mice develop cardiorespiratory autonomic dysfunction. <i>Hypertension</i> , <b>2009</b> , 53, 387-92	8.5	79
452	CXCL5 limits macrophage foam cell formation in atherosclerosis. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 1343-7	15.9	79
451	Behavioral evidence for the significance of serotonergic (5-HT) receptors in cocaine addiction. <i>Addiction Biology</i> , <b>2010</b> , 15, 227-49	4.6	77
450	Angiotensin II receptor blockade in TGR(mREN2)27: effects of renin-angiotensin-system gene expression and cardiovascular functions. <i>Journal of Hypertension</i> , <b>1995</b> , 13, 891-9	1.9	77
449	Inhibition of bradykinin receptor B1 protects mice from focal brain injury by reducing blood-brain barrier leakage and inflammation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2010</b> , 30, 1477-86	7.3	76
448	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. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 5996-6004	5.4	76
447	Mice deficient for both kinin receptors are normotensive and protected from endotoxin-induced hypotension. <i>FASEB Journal</i> , <b>2007</b> , 21, 1689-98	0.9	76

446	Trypanosoma cruzi induces edematogenic responses in mice and invades cardiomyocytes and endothelial cells in vitro by activating distinct kinin receptor (B1/B2) subtypes. <i>FASEB Journal</i> , <b>2003</b> , 17, 73-5	0.9	75
445	The brain renin-angiotensin system modulates angiotensin II-induced hypertension and cardiac hypertrophy. <i>Hypertension</i> , <b>2000</b> , 35, 409-12	8.5	75
444	Transposon-mediated transgenesis, transgenic rescue, and tissue-specific gene expression in rodents and rabbits. <i>FASEB Journal</i> , <b>2013</b> , 27, 930-41	0.9	74
443	Converging evidence in support of the serotonin hypothesis of dexfenfluramine-induced pulmonary hypertension with novel transgenic mice. <i>Circulation</i> , <b>2008</b> , 117, 2928-37	16.7	74
442	Role of the local renin-angiotensin system in cardiac damage: a minireview focussing on transgenic animal models. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2002</b> , 34, 1455-62	5.8	74
441	The past, present and future of angiotensin II type 2 receptor stimulation. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , <b>2010</b> , 11, 67-73	3	73
440	Role of bradykinin B2 and B1 receptors in the local, remote, and systemic inflammatory responses that follow intestinal ischemia and reperfusion injury. <i>Journal of Immunology</i> , <b>2004</b> , 172, 2542-8	5.3	73
439	Alterations in blood pressure and heart rate variability in transgenic rats with low brain angiotensinogen. <i>Hypertension</i> , <b>2001</b> , 37, 408-13	8.5	72
438	Age-related shift in LTD is dependent on neuronal adenosine A receptors interplay with mGluR5 and NMDA receptors. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 1876-1900	15.1	71
437	An orally active formulation of angiotensin-(1-7) produces an antithrombotic effect. <i>Clinics</i> , <b>2011</b> , 66, 837-41	2.3	70
436	Evidence for Heterodimerization and Functional Interaction of the Angiotensin Type 2 Receptor and the Receptor MAS. <i>Hypertension</i> , <b>2017</b> , 69, 1128-1135	8.5	69
435	Angiotensin-(1-7)/Mas axis integrity is required for the expression of object recognition memory. <i>Neurobiology of Learning and Memory</i> , <b>2012</b> , 97, 113-23	3.1	66
434	Reduced nerve injury-induced neuropathic pain in kinin B1 receptor knock-out mice. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 2405-12	6.6	66
433	Physiology of the (pro)renin receptor: Wnt of change?. <i>Kidney International</i> , <b>2010</b> , 78, 246-56	9.9	65
432	Regulation of renin: new evidence from cultured cells and genetically modified mice. <i>Journal of Molecular Medicine</i> , <b>2000</b> , 78, 130-9	5.5	65
431	Interaction between Mas and the angiotensin AT1 receptor in the amygdala. <i>Journal of Neurophysiology</i> , <b>2000</b> , 83, 2012-21	3.2	65
430	A novel inflammatory pathway involved in leukocyte recruitment: role for the kinin B1 receptor and the chemokine CXCL5. <i>Journal of Immunology</i> , <b>2007</b> , 179, 4849-56	5.3	64
429	Larger anastomoses in angiotensinogen-knockout mice attenuate early metabolic disturbances after middle cerebral artery occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1999</b> , 19, 1092-8	7.3	63

428	Oral administration of angiotensin-(1-7) ameliorates type 2 diabetes in rats. <i>Journal of Molecular Medicine</i> , <b>2014</b> , 92, 255-65	5.5	62
427	Increased circulating angiotensin-(1-7) protects white adipose tissue against development of a proinflammatory state stimulated by a high-fat diet. <i>Regulatory Peptides</i> , <b>2012</b> , 178, 64-70		62
426	The role of bradykinin B(1) and B(2) receptors for secondary brain damage after traumatic brain injury in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2010</b> , 30, 130-9	7.3	62
425	Loss of myocardial ischemic postconditioning in adenosine A1 and bradykinin B2 receptors gene knockout mice. <i>Circulation</i> , <b>2008</b> , 118, S32-7	16.7	62
424	Postnatal growth defects in mice with constitutive depletion of central serotonin. <i>ACS Chemical Neuroscience</i> , <b>2013</b> , 4, 171-81	5.7	60
423	Specification and differentiation of serotonergic neurons. <i>Stem Cell Reviews and Reports</i> , <b>2006</b> , 2, 5-10	6.4	59
422	Angiotensin peptides acting at rostral ventrolateral medulla contribute to hypertension of TGR(mREN2)27 rats. <i>Physiological Genomics</i> , <b>2000</b> , 2, 137-42	3.6	59
421	Altered neutrophil homeostasis in kinin B1 receptor-deficient mice. <i>Biological Chemistry</i> , <b>2001</b> , 382, 91-54.5		58
420	Ablation of angiotensin (1-7) receptor Mas in C57Bl/6 mice causes endothelial dysfunction. <i>Journal of the American Society of Hypertension</i> , <b>2008</b> , 2, 418-24		56
419	Overexpression of Adenosine A2A Receptors in Rats: Effects on Depression, Locomotion, and Anxiety. <i>Frontiers in Psychiatry</i> , <b>2014</b> , 5, 67	5	55
418	Tryptophan hydroxylase as novel target for the treatment of depressive disorders. <i>Pharmacology</i> , <b>2010</b> , 85, 95-109	2.3	55
417	Expression of an angiotensin-(1-7)-producing fusion protein in rats induced marked changes in regional vascular resistance. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H2485-90	5.2	55
416	Interactions between angiotensin-(1-7), kinins, and angiotensin II in kidney and blood vessels. <i>Hypertension</i> , <b>2001</b> , 38, 660-4	8.5	55
415	Mechanisms of the anti-inflammatory actions of the angiotensin type 1 receptor antagonist losartan in experimental models of arthritis. <i>Peptides</i> , <b>2013</b> , 46, 53-63	3.8	54
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413	Role of the B1 kinin receptor in the regulation of cardiac function and remodeling after myocardial infarction. <i>Hypertension</i> , <b>2005</b> , 45, 747-53	8.5	52
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