Michael Bader

List of Publications by Year in Descending Order

553 papers	28,272 citations	90 h-index	144 g-index
586 ext. papers	31,476 ext. citations	6.8 avg, IF	6.95 L-index

#	Paper	IF	Citations
553	Myogenic Vasoconstriction Requires Canonical G Signaling of the Angiotensin II Type 1 Receptor.. *Journal of the American Heart Association*, **2022**, 11, e022070	6	0
552	Carbon-mixed dental cement for fixing fiber optic ferrules prevents visually triggered locomotive enhancement in mice upon optogenetic stimulation.. *Heliyon*, **2022**, 8, e08692	3.6	
551	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	56.2	4
550	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	2	1
549	Cytochrome P450 2D (CYP2D) enzyme dysfunction associated with aging and serotonin deficiency in the brain and liver of female Dark Agouti rats. *Neurochemistry International*, **2021**, 152, 105223	4.4	1
548	In Vivo Renin Activity Imaging in the Kidney of Progeroid Mutant Mice. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
547	Crosstalk between the renin-angiotensin, complement and kallikrein-kinin systems in inflammation. *Nature Reviews Immunology*, **2021**,	36.5	10
546	Renin–Angiotensin–Aldosterone System **2021**, 1353-1358		
545	Anti-inflammatory role of Gpnmb in adipose tissue of mice. *Scientific Reports*, **2021**, 11, 19614	4.9	0
544	Targeting angiotensin type 2 receptors located on pressor neurons in the nucleus of the solitary tract to relieve hypertension in mice. *Cardiovascular Research*, **2021**,	9.9	2
543	Dorsal raphe serotonin neurotransmission is required for the expression of nursing behavior and for pup survival. *Scientific Reports*, **2021**, 11, 6004	4.9	2
542	AT1 and AT2 Receptor Knockout Changed Osteonectin and Bone Density in Mice in Periodontal Inflammation Experimental Model. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
541	Phenylalanine hydroxylase contributes to serotonin synthesis in mice. *FASEB Journal*, **2021**, 35, e21648	0.9	3
540	Cardiovascular magnetic resonance detects microvascular dysfunction in a mouse model of hypertrophic cardiomyopathy. *Journal of Cardiovascular Magnetic Resonance*, **2021**, 23, 63	6.9	0
539	Increased angiotensin II formation in the brain modulates cardiovascular homeostasis and erythropoiesis. *Clinical Science*, **2021**, 135, 1353-1367	6.5	4
538	Community-Wide Experimental Evaluation of the PROSS Stability-Design Method. *Journal of Molecular Biology*, **2021**, 433, 166964	6.5	8
537	Intrauterine Exposure to Diabetic Milieu Does Not Induce Diabetes and Obesity in Male Adulthood in a Novel Rat Model. *Hypertension*, **2021**, 77, 202-215	8.5	3

536	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	10.2	3
535	Knockout of aminopeptidase A in mice causes functional alterations and morphological glomerular basement membrane changes in the kidneys. *Kidney International*, **2021**, 99, 900-913	9.9	1
534	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	4.6	4
533	The continued need for animals to advance brain research. *Neuron*, **2021**, 109, 2374-2379	13.9	9
532	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	3.9	4
531	Kpna6 deficiency causes infertility in male mice by disrupting spermatogenesis. *Development (Cambridge)*, **2021**, 148,	6.6	1
530	Diabetic pregnancy as a novel risk factor for cardiac dysfunction in the offspring-the heart as a target for fetal programming in rats. *Diabetologia*, **2021**, 64, 2829-2842	10.3	0
529	Alamandine but not angiotensin-(1-7) produces cardiovascular effects at the rostral insular cortex. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2021**, 321, R513-R521	3.2	3
528	Hemodynamic phenotyping of transgenic rats with ubiquitous expression of an angiotensin-(1-7)-producing fusion protein. *Clinical Science*, **2021**, 135, 2197-2216	6.5	1
527	Receptors | Bradykinin Receptors **2021**, 126-131		
526	(Pro)renin Receptor Inhibition Reduces Plasma Cholesterol and Triglycerides but Does Not Attenuate Atherosclerosis in Atherosclerotic Mice.. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 725203	5.4	
525	Angiotensin-(1-7) Prevents Lipopolysaccharide-Induced Autophagy via the Mas Receptor in Skeletal Muscle. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
524	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	4.4	7
523	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,	6.3	3
522	The Dual Role of Serotonin in Colorectal Cancer. *Trends in Endocrinology and Metabolism*, **2020**, 31, 611-623	8.8	15
521	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	6.1	3
520	Genetic deletion of the angiotensin-(1-7) receptor Mas leads to alterations in gut villi length modulating TLR4/PI3K/AKT and produces microbiome dysbiosis. *Neuropeptides*, **2020**, 82, 102056	3.3	9
519	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	5.6	2

518	Phosphodiesterase 3A and Arterial Hypertension. *Circulation*, **2020**, 142, 133-149	16.7	17
517	Angiotensin-II receptor type Ia does not contribute to cardiac atrophy following high-thoracic spinal cord injury in mice. *Experimental Physiology*, **2020**, 105, 1316-1325	2.4	0
516	Angiotensin-(1-7) Receptor Mas Deficiency Does Not Exacerbate Cardiac Atrophy Following High-Level Spinal Cord Injury in Mice. *Frontiers in Physiology*, **2020**, 11, 203	4.6	0
515	Cellular Importin-β Expression Dynamics in the Lung Regulate Antiviral Response Pathways against Influenza A Virus Infection. *Cell Reports*, **2020**, 31, 107549	10.6	4
514	The serotonin-free brain: behavioral consequences of Tph2 deficiency in animal models. *Handbook of Behavioral Neuroscience*, **2020**, 31, 601-607	0.7	0
513	The (pro)renin receptor: what's in a name?. *Nature Reviews Nephrology*, **2020**, 16, 304	14.9	2
512	B and B kinin receptor blockade improves psoriasis-like disease. *British Journal of Pharmacology*, **2020**, 177, 3535-3551	8.6	4
511	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, 3025361	6.7	3
510	The activity of the Striatal-enriched protein tyrosine phosphatase in neuronal cells is modulated by adenosine A receptor. *Journal of Neurochemistry*, **2020**, 152, 284-298	6	6
509	Angiotensin-(1-7) induces beige fat thermogenesis through the Mas receptor. *Metabolism: Clinical and Experimental*, **2020**, 103, 154048	12.7	11
508	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	8.5	110
507	Paternal exercise protects against liver steatosis in the male offspring of mice submitted to high fat diet. *Life Sciences*, **2020**, 263, 118583	6.8	3
506	Bradykinin B2 Receptor Signaling Increases Glucose Uptake and Oxidation: Evidence and Open Questions. *Frontiers in Pharmacology*, **2020**, 11, 1162	5.6	2
505	Importin β regulates chronic pain pathways in peripheral sensory neurons. *Science*, **2020**, 369, 842-846	33.3	16
504	Dual deficiency of angiotensin-converting enzyme-2 and Mas receptor enhances angiotensin II-induced hypertension and hypertensive nephropathy. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 13093-13103	5.6	2
503	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	4.9	3
502	Age-related shift in LTD is dependent on neuronal adenosine A receptors interplay with mGluR5 and NMDA receptors. *Molecular Psychiatry*, **2020**, 25, 1876-1900	15.1	71
501	Inhibition of serotonin synthesis: A novel therapeutic paradigm. *Pharmacology & Therapeutics*, **2020**, 205, 107423	13.9	17

500	Thimet Oligopeptidase (EC 3.4.24.15) Key Functions Suggested by Knockout Mice Phenotype Characterization. *Biomolecules*, **2019**, 9,	5.9	12
499	Increased Ethanol Consumption and Locomotion Develop upon Ethanol Deprivation in Rats Overexpressing the Adenosine (A) Receptor. *Neuroscience*, **2019**, 418, 133-148	3.9	2
498	Angiotensin II type 2 receptor mediates high fat diet-induced cardiomyocyte hypertrophy and hypercholesterolemia. *Molecular and Cellular Endocrinology*, **2019**, 498, 110576	4.4	4
497	Interactions between carboxypeptidase M and kinin B1 receptor in endothelial cells. *Inflammation Research*, **2019**, 68, 845-855	7.2	4
496	Systemic Outcomes of (Pyr)-Apelin-13 Infusion at Mid-Late Pregnancy in a Rat Model with Preeclamptic Features. *Scientific Reports*, **2019**, 9, 8579	4.9	10
495	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	4.7	2
494	Urinary Renin in Patients and Mice With Diabetic Kidney Disease. *Hypertension*, **2019**, 74, 83-94	8.5	23
493	Endothelial B2-receptor overexpression as an alternative animal model for hereditary angioedema. *Allergy: European Journal of Allergy and Clinical Immunology*, **2019**, 74, 1998-2002	9.3	4
492	Serotonin synthesis protects the mouse colonic crypt from DNA damage and colorectal tumorigenesis. *Journal of Pathology*, **2019**, 249, 102-113	9.4	13
491	The antiobese effect of AT1 receptor blockade is augmented in mice lacking Mas. *Naunyn-Schmiedebergis Archives of Pharmacology*, **2019**, 392, 865-877	3.4	4
490	Histone serotonylation is a permissive modification that enhances TFIID binding to H3K4me3. *Nature*, **2019**, 567, 535-539	50.4	166
489	Targeted Manipulation of Brain Serotonin: RNAi-Mediated Knockdown of Tryptophan Hydroxylase 2 in Rats. *ACS Chemical Neuroscience*, **2019**, 10, 3207-3217	5.7	4
488	The renin-angiotensin system: going beyond the classical paradigms. *American Journal of Physiology - Heart and Circulatory Physiology*, **2019**, 316, H958-H970	5.2	134
487	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	4.9	5
486	Nephropathy in Hypertensive Animals Is Linked to M2 Macrophages and Increased Expression of the YM1/Chi3l3 Protein. *Mediators of Inflammation*, **2019**, 2019, 9086758	4.3	2
485	Genetic Models **2019**, 35-51		
484	Serotonylation: Serotonin Signaling and Epigenetics. *Frontiers in Molecular Neuroscience*, **2019**, 12, 288	6.1	22
483	ACE2 in Brain Physiology and Pathophysiology: Evidence from Transgenic Animal Models. *Neurochemical Research*, **2019**, 44, 1323-1329	4.6	82

482	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	5.2	19
481	Distinct roles of angiotensin receptors in autonomic dysreflexia following high-level spinal cord injury in mice. *Experimental Neurology*, **2019**, 311, 173-181	5.7	5
480	Phenotype of Mice Lacking Tryptophan Hydroxylase 1 **2019**, 167-179		
479	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	4.6	3
478	Development of obesity can be prevented in rats by chronic icv infusions of AngII but less by Ang(1-7). *Pflugers Archiv European Journal of Physiology*, **2018**, 470, 867-881	4.6	6
477	Karyopherin β3 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	11.5	28
476	ATP6AP2 over-expression causes morphological alterations in the hippocampus and in hippocampus-related behaviour. *Brain Structure and Function*, **2018**, 223, 2287-2302	4	5
475	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	10.3	36
474	Diabetes Mellitus in Pregnancy Leads to Growth Restriction and Epigenetic Modification of the Gene in Rat Fetuses. *Hypertension*, **2018**, 71, 911-920	8.5	17
473	Peripheral Serotonin Synthesis as a New Drug Target. *Trends in Pharmacological Sciences*, **2018**, 39, 560-572	13.2	42
472	Somatosensory BOLD fMRI reveals close link between salient blood pressure changes and the murine neuromatrix. *NeuroImage*, **2018**, 172, 562-574	7.9	16
471	Mast Cells and Serotonin Synthesis Modulate Chagas Disease in the Colon: Clinical and Experimental Evidence. *Digestive Diseases and Sciences*, **2018**, 63, 1473-1484	4	7
470	Identification of protein phosphatase involvement in the AT receptor-induced activation of endothelial nitric oxide synthase. *Clinical Science*, **2018**, 132, 777-790	6.5	21
469	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	6.2	19
468	The ACE2/Angiotensin-(1-7)/MAS Axis of the Renin-Angiotensin System: Focus on Angiotensin-(1-7). *Physiological Reviews*, **2018**, 98, 505-553	47.9	494
467	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	5.4	31
466	Continuous Blood Glucose Monitoring Reveals Enormous Circadian Variations in Pregnant Diabetic Rats. *Frontiers in Endocrinology*, **2018**, 9, 271	5.7	3
465	Bradykinin B2 receptor is essential to running-induced cell proliferation in the adult mouse hippocampus. *Brain Structure and Function*, **2018**, 223, 3901-3907	4	8

464	Brain serotonin critically contributes to the biological effects of electroconvulsive seizures. *European Archives of Psychiatry and Clinical Neuroscience*, **2018**, 268, 861-864	5.1	4
463	Genetic deletion of the Angiotensin-(1-7) receptor Mas leads to a reduced ovulatory rate. *Peptides*, **2018**, 107, 83-88	3.8	6
462	Importin 4 is required for nuclear import of herpes simplex virus proteins and capsid assembly in fibroblasts and neurons. *PLoS Pathogens*, **2018**, 14, e1006823	7.6	22
461	Kinin B1 receptors as a therapeutic target for inflammation. *Expert Opinion on Therapeutic Targets*, **2018**, 22, 31-44	6.4	39
460	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	2.1	7
459	Apelinergic system in the kidney: implications for diabetic kidney disease. *Physiological Reports*, **2018**, 6, e13939	2.6	10
458	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	6.1	12
457	The Meaning of Mas. *Hypertension*, **2018**, 72, 1072-1075	8.5	28
456	Importin 5 Regulates Anxiety through MeCP2 and Sphingosine Kinase 1. *Cell Reports*, **2018**, 25, 3169-3179.e7	8.6	11
455	Chronic Overexpression of Bradykinin in Kidney Causes Polyuria and Cardiac Hypertrophy. *Frontiers in Medicine*, **2018**, 5, 338	4.9	3
454	Exon Skipping in a Dysf-Missense Mutant Mouse Model. *Molecular Therapy - Nucleic Acids*, **2018**, 13, 198-207	10.7	10
453	Neuronal adenosine A receptor overexpression is neuroprotective towards 3-nitropropionic acid-induced striatal toxicity: a rat model of Huntington's disease. *Purinergic Signalling*, **2018**, 14, 235-243	3.8	8
452	Evaluation of Endothelial Dysfunction In Vivo. *Methods in Molecular Biology*, **2017**, 1527, 355-367	1.4	2
451	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	0.7	1
450	Glucagon-producing cells are increased in Mas-deficient mice. *Endocrine Connections*, **2017**, 6, 27-32	3.5	6
449	High aminopeptidase A activity contributes to blood pressure control in mice by AT receptor-dependent mechanism. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 312, H437-H445	5.2	7
448	MATE-1 modulation by kinin B1 receptor enhances cisplatin efflux from renal cells. *Molecular and Cellular Biochemistry*, **2017**, 428, 101-108	4.2	15
447	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	5.5	19

446	Brain Renin-Angiotensin System: Does It Exist?. *Hypertension*, **2017**, 69, 1136-1144	8.5	51
445	Evidence for Heterodimerization and Functional Interaction of the Angiotensin Type 2 Receptor and the Receptor MAS. *Hypertension*, **2017**, 69, 1128-1135	8.5	69
444	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	2.4	6
443	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	4.3	25
442	Validation of commercial Mas receptor antibodies for utilization in Western Blotting, immunofluorescence and immunohistochemistry studies. *PLoS ONE*, **2017**, 12, e0183278	3.7	14
441	Serotonin regulates prostate growth through androgen receptor modulation. *Scientific Reports*, **2017**, 7, 15428	4.9	14
440	Adverse left ventricular remodeling by glycoprotein nonmetastatic melanoma protein B in myocardial infarction. *FASEB Journal*, **2017**, 31, 556-568	0.9	8
439	The TetO rat as a new translational model for type 2 diabetic retinopathy by inducible insulin receptor knockdown. *Diabetologia*, **2017**, 60, 202-211	10.3	7
438	Caloric Restriction Is More Efficient than Physical Exercise to Protect from Cisplatin Nephrotoxicity via PPAR-Alpha Activation. *Frontiers in Physiology*, **2017**, 8, 116	4.6	13
437	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	4.6	6
436	Renin-Angiotensin System in Diabetes. *Protein and Peptide Letters*, **2017**, 24, 833-840	1.9	20
435	Cardiac morphofunctional characteristics of transgenic rats with overexpression of the bradykinin B1 receptor in the endothelium. *Physiological Research*, **2017**, 66, 925-932	2.1	1
434	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	4.5	10
433	The role of kinin B1 receptor and the effect of angiotensin I-converting enzyme inhibition on acute gout attacks in rodents. *Annals of the Rheumatic Diseases*, **2016**, 75, 260-8	2.4	25
432	C-type natriuretic peptide and natriuretic peptide receptor B signalling inhibits cardiac sympathetic neurotransmission and autonomic function. *Cardiovascular Research*, **2016**, 112, 637-644	9.9	20
431	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	11.5	45
430	Karyopherin Alpha 1 Regulates Satellite Cell Proliferation and Survival by Modulating Nuclear Import. *Stem Cells*, **2016**, 34, 2784-2797	5.8	6
429	The caffeine-binding adenosine A2A receptor induces age-like HPA-axis dysfunction by targeting glucocorticoid receptor function. *Scientific Reports*, **2016**, 6, 31493	4.9	38

428	Neprilysin is a Mediator of Alternative Renin-Angiotensin-System Activation in the Murine and Human Kidney. *Scientific Reports*, **2016**, 6, 33678	4.9	47
427	Cardiomyocyte-derived CXCL12 is not involved in cardiogenesis but plays a crucial role in myocardial infarction. *Journal of Molecular Medicine*, **2016**, 94, 1005-14	5.5	11
426	Increased vascular sympathetic modulation in mice with Mas receptor deficiency. *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, **2016**, 17, 1470320316643643	3	10
425	Striatal adenosine-cannabinoid receptor interactions in rats over-expressing adenosine A2A receptors. *Journal of Neurochemistry*, **2016**, 136, 907-17	6	20
424	Kinin receptors in skin wound healing. *Journal of Dermatological Science*, **2016**, 82, 95-105	4.3	13
423	Angiotensin-(1-7) attenuates disuse skeletal muscle atrophy in mice via its receptor, Mas. *DMM Disease Models and Mechanisms*, **2016**, 9, 441-9	4.1	50
422	Identification of a Novel Agonist-Like Autoantibody in Preeclamptic Patients. *American Journal of Hypertension*, **2016**, 29, 405-12	2.3	13
421	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, F411-23	4.3	15
420	CD36/Sirtuin 1 Axis Impairment Contributes to Hepatic Steatosis in ACE2-Deficient Mice. *Oxidative Medicine and Cellular Longevity*, **2016**, 2016, 6487509	6.7	10
419	Maternal Forced Swimming Reduces Cell Proliferation in the Postnatal Dentate Gyrus of Mouse Offspring. *Frontiers in Neuroscience*, **2016**, 10, 402	5.1	8
418	Genetic Deletion of ACE2 Induces Vascular Dysfunction in C57BL/6 Mice: Role of Nitric Oxide Imbalance and Oxidative Stress. *PLoS ONE*, **2016**, 11, e0150255	3.7	45
417	Locus Coeruleus Dysfunction in Transgenic Rats with Low Brain Angiotensinogen. *CNS Neuroscience and Therapeutics*, **2016**, 22, 230-7	6.8	3
416	The brain renin-angiotensin system plays a crucial role in regulating body weight in diet-induced obesity in rats. *British Journal of Pharmacology*, **2016**, 173, 1602-17	8.6	23
415	Normothermic Mouse Functional MRI of Acute Focal Thermostimulation for Probing Nociception. *Scientific Reports*, **2016**, 6, 17230	4.9	11
414	Chronic allergic pulmonary inflammation is aggravated in angiotensin-(1-7) Mas receptor knockout mice. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2016**, 311, L1141-L1148	5.8	24
413	Rats overexpressing the dopamine transporter display behavioral and neurobiological abnormalities with relevance to repetitive disorders. *Scientific Reports*, **2016**, 6, 39145	4.9	10
412	Effects of ACE2 deficiency on physical performance and physiological adaptations of cardiac and skeletal muscle to exercise. *Hypertension Research*, **2016**, 39, 506-12	4.7	38
411	Cardiac angiotensin-(1-12) expression and systemic hypertension in rats expressing the human angiotensinogen gene. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 310, H995-1002	5.2	22

410	Increased adult neurogenesis in mice with a permanent overexpression of the postsynaptic 5-HT receptor. *Neuroscience Letters*, **2016**, 633, 246-251	3.3	8
409	Stable maintenance of de novo assembled human artificial chromosomes in embryonic stem cells and their differentiated progeny in mice. *Cell Cycle*, **2015**, 14, 1268-73	4.7	17
408	Cell divisions are not essential for the direct conversion of fibroblasts into neuronal cells. *Cell Cycle*, **2015**, 14, 1188-96	4.7	19
407	A Grhl2-dependent gene network controls trophoblast branching morphogenesis. *Development (Cambridge)*, **2015**, 142, 1125-36	6.6	48
406	Multiple non-coding exons and alternative splicing in the mouse Mas protooncogene. *Gene*, **2015**, 568, 155-64	3.8	1
405	Angiotensin type 2 receptor (AT2R) and receptor Mas: a complex liaison. *Clinical Science*, **2015**, 128, 227-34	6.5	80
404	Animal Models with a Genetic Alteration of the ACE2/Ang-(1-7)/Mas Axis **2015**, 161-168		
403	Brain serotonin deficiency leads to social communication deficits in mice. *Biology Letters*, **2015**, 11,	3.6	15
402	Importin-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 Suppl 2, S316-21	7	8
401	Mas receptor deficiency exacerbates lipopolysaccharide-induced cerebral and systemic inflammation in mice. *Immunobiology*, **2015**, 220, 1311-21	3.4	14
400	Sex-dependent differences in renal angiotensinogen as an early marker of diabetic nephropathy. *Acta Physiologica*, **2015**, 213, 740-6	5.6	18
399	Life without brain serotonin: reevaluation of serotonin function with mice deficient in brain serotonin synthesis. *Behavioural Brain Research*, **2015**, 277, 78-88	3.4	80
398	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, E811-7	6	9
397	Increased aortic intimal proliferation due to MasR deletion in vitro. *International Journal of Experimental Pathology*, **2015**, 96, 183-7	2.8	11
396	Discovering the mechanisms underlying serotonin (5-HT)2A and 5-HT2C receptor regulation following nicotine withdrawal in rats. *Journal of Neurochemistry*, **2015**, 134, 704-16	6	12
395	Lack of weight gain after angiotensin AT1 receptor blockade in diet-induced obesity is partly mediated by an angiotensin-(1-7)/Mas-dependent pathway. *British Journal of Pharmacology*, **2015**, 172, 3764-78	8.6	37
394	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, 399-407	3.4	6
393	Deletion of Kinin B2 Receptor Alters Muscle Metabolism and Exercise Performance. *PLoS ONE*, **2015**, 10, e0134844	3.7	10

392	Effect of Angiotensin(1-7) on Heart Function in an Experimental Rat Model of Obesity. *Frontiers in Physiology*, **2015**, 6, 392	4.6	4
391	Oral administration of angiotensin-(1-7) ameliorates type 2 diabetes in rats. *Journal of Molecular Medicine*, **2014**, 92, 255-65	5.5	62
390	Restoration of muscle strength in dystrophic muscle by angiotensin-1-7 through inhibition of TGF- signalling. *Human Molecular Genetics*, **2014**, 23, 1237-49	5.6	122
389	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, E674-82	5.6	40
388	(Pro)renin receptor and V-ATPase: from Drosophila to humans. *Clinical Science*, **2014**, 126, 529-36	6.5	17
387	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, 976-81	6.3	28
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