

# Colin Sumners

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

242 papers	7,672 citations	49 h-index	71 g-index
251 ext. papers	8,324 ext. citations	5.1 avg, IF	5.72 L-index

#	Paper	IF	Citations
242	Brain microglial cytokines in neurogenic hypertension. <i>Hypertension</i> , <b>2010</b> , 56, 297-303	8.5	289
241	Angiotensin II receptor subtypes are coupled with distinct signal-transduction mechanisms in neurons and astrocytes from rat brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1991</b> , 88, 7567-71	11.5	214
240	Angiotensin II in central nervous system physiology. <i>Regulatory Peptides</i> , <b>1998</b> , 78, 1-11		197
239	Chronic ethanol exposure potentiates NMDA excitotoxicity in cerebral cortical neurons. <i>Journal of Neurochemistry</i> , <b>1993</b> , 60, 1578-81	6	176
238	Mitogen-activated protein kinases in rat brain neuronal cultures are activated by angiotensin II type 1 receptors and inhibited by angiotensin II type 2 receptors. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 15635-41	5.4	145
237	Therapeutic implications of the vasoprotective axis of the renin-angiotensin system in cardiovascular diseases. <i>Hypertension</i> , <b>2010</b> , 55, 207-13	8.5	143
236	Cerebroprotection by angiotensin-(1-7) in endothelin-1-induced ischaemic stroke. <i>Experimental Physiology</i> , <b>2011</b> , 96, 1084-96	2.4	142
235	The angiotensin II type 2 receptor: an enigma with multiple variations. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 278, E357-74	6	122
234	Chronic ethanol increases N-methyl-D-aspartate-stimulated nitric oxide formation but not receptor density in cultured cortical neurons. <i>Molecular Pharmacology</i> , <b>1997</b> , 51, 733-40	4.3	117
233	Cytokine-stimulated inducible nitric oxide synthase expression in astroglia: role of Erk mitogen-activated protein kinase and NF-kappaB. <i>Glia</i> , <b>2003</b> , 41, 152-60	9	114
232	Ethanol inhibits NMDA receptor-mediated excitotoxicity in rat primary neuronal cultures. <i>Alcoholism: Clinical and Experimental Research</i> , <b>1993</b> , 17, 54-60	3.7	105
231	Mineralocorticoids modulate central angiotensin II receptors in rats. <i>Brain Research</i> , <b>1986</b> , 382, 87-96	3.7	104
230	NAD(P)H oxidase inhibition attenuates neuronal chronotropic actions of angiotensin II. <i>Circulation Research</i> , <b>2005</b> , 96, 659-66	15.7	95
229	Anti-inflammatory effects of angiotensin-(1-7) in ischemic stroke. <i>Neuropharmacology</i> , <b>2013</b> , 71, 154-63	5.5	90
228	Angiotensin AT1 receptor signalling pathways in neurons. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2002</b> , 29, 483-90	3	81
227	Angiotensin type 2 receptor (AT2R) and receptor Mas: a complex liaison. <i>Clinical Science</i> , <b>2015</b> , 128, 227-34	8.4	80
226	Angiotensin II type 2 receptor-mediated apoptosis of cultured neurons from newborn rat brain. <i>Endocrinology</i> , <b>1999</b> , 140, 500-9	4.8	78

225	Changes in skin angiotensin II receptors in rats during wound healing. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 187, 1083-90	3.4	78
224	Perinatal loss of Nkx2-5 results in rapid conduction and contraction defects. <i>Circulation Research</i> , <b>2008</b> , 103, 580-90	15.7	76
223	Involvement of the brain (pro)renin receptor in cardiovascular homeostasis. <i>Circulation Research</i> , <b>2010</b> , 107, 934-8	15.7	74
222	Expression of angiotensin AT(1) and AT(2) receptors in adult rat cardiomyocytes after myocardial infarction. A single-cell reverse transcriptase-polymerase chain reaction study. <i>American Journal of Pathology</i> , <b>2000</b> , 157, 605-11	5.8	73
221	Brain cytokines as neuromodulators in cardiovascular control. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2010</b> , 37, e52-7	3	71
220	Reporter mouse strain provides a novel look at angiotensin type-2 receptor distribution in the central nervous system. <i>Brain Structure and Function</i> , <b>2016</b> , 221, 891-912	4	69
219	A current view of brain renin-angiotensin system: Is the (pro)renin receptor the missing link?. <i>Pharmacology &amp; Therapeutics</i> , <b>2010</b> , 125, 27-38	13.9	66
218	Protective arms of the renin-angiotensin-system in neurological disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2013</b> , 40, 580-8	3	64
217	Angiotensin type 1a receptors in the paraventricular nucleus of the hypothalamus protect against diet-induced obesity. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 4825-33	6.6	64
216	Effects of angiotensin type 2 receptor overexpression in the rostral ventrolateral medulla on blood pressure and urine excretion in normal rats. <i>Hypertension</i> , <b>2008</b> , 51, 521-7	8.5	64
215	Receptor-mediated effects of angiotensin II on neurons. <i>Frontiers in Neuroendocrinology</i> , <b>1994</b> , 15, 203-30	30.9	63
214	Selective activation of angiotensin AT2 receptors attenuates progression of pulmonary hypertension and inhibits cardiopulmonary fibrosis. <i>British Journal of Pharmacology</i> , <b>2015</b> , 172, 2219-31	8.6	62
213	Angiotensin II type 2 receptor stimulation of neuronal delayed-rectifier potassium current involves phospholipase A2 and arachidonic acid. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 679-86	6.6	61
212	Oxygen and glucose deprivation-induced neuronal apoptosis is attenuated by halothane and isoflurane. <i>Anesthesia and Analgesia</i> , <b>2001</b> , 93, 1281-7	3.9	60
211	Functional interactions between neuronal AT1 and AT2 receptors. <i>Endocrinology</i> , <b>1997</b> , 138, 2195-8	4.8	59
210	Distinct angiotensin II receptor in primary cultures of glial cells from rat brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 4655-9	11.5	59
209	Neuroprotective mechanisms of the ACE2-angiotensin-(1-7)-Mas axis in stroke. <i>Current Hypertension Reports</i> , <b>2015</b> , 17, 3	4.7	57
208	Direct pro-inflammatory effects of prorenin on microglia. <i>PLoS ONE</i> , <b>2014</b> , 9, e92937	3.7	57

207	Modulation of net outward current in cultured neurons by angiotensin II: involvement of AT1 and AT2 receptors. <i>Brain Research</i> , <b>1992</b> , 580, 317-24	3.7	57
206	Angiotensin type 2 receptor-mediated apoptosis of human prostate cancer cells. <i>Molecular Cancer Therapeutics</i> , <b>2009</b> , 8, 3255-65	6.1	56
205	Specific inhibition of N-methyl-D-aspartate receptor function in rat hippocampal neurons by L-phenylalanine at concentrations observed during phenylketonuria. <i>Molecular Psychiatry</i> , <b>2002</b> , 7, 359-67	15.1	55
204	Angiotensin type 2 receptors: blood pressure regulation and end organ damage. <i>Current Opinion in Pharmacology</i> , <b>2015</b> , 21, 115-21	5.1	54
203	Angiotensin II type 2 receptor-mediated stimulation of protein phosphatase 2A in rat hypothalamic/brainstem neuronal cocultures. <i>Journal of Neurochemistry</i> , <b>1995</b> , 65, 2131-7	6	54
202	The angiotensin type 2 receptor agonist Compound 21 elicits cerebroprotection in endothelin-1 induced ischemic stroke. <i>Neuropharmacology</i> , <b>2014</b> , 81, 134-41	5.5	53
201	Lentivirus-mediated overexpression of angiotensin-(1-7) attenuated ischaemia-induced cardiac pathophysiology. <i>Experimental Physiology</i> , <b>2011</b> , 96, 863-74	2.4	53
200	Microglial Cells Impact Gut Microbiota and Gut Pathology in Angiotensin II-Induced Hypertension. <i>Circulation Research</i> , <b>2019</b> , 124, 727-736	15.7	52
199	Characterization of a functional (pro)renin receptor in rat brain neurons. <i>Experimental Physiology</i> , <b>2008</b> , 93, 701-8	2.4	51
198	Direct anti-inflammatory effects of angiotensin-(1-7) on microglia. <i>Journal of Neurochemistry</i> , <b>2016</b> , 136, 163-71	6	51
197	A Unique "Angiotensin-Sensitive" Neuronal Population Coordinates Neuroendocrine, Cardiovascular, and Behavioral Responses to Stress. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 3478-3490	6.6	50
196	Angiotensin II type 1 receptor mRNA levels in the brains of normotensive and spontaneously hypertensive rats. <i>Journal of Neurochemistry</i> , <b>1993</b> , 60, 1949-52	6	50
195	Prevention of cardiac hypertrophy by angiotensin II type-2 receptor gene transfer. <i>Hypertension</i> , <b>2004</b> , 43, 1233-8	8.5	49
194	Macrophage migration inhibitory factor: an intracellular inhibitor of angiotensin II-induced increases in neuronal activity. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 9944-52	6.6	49
193	Impaired Autonomic Nervous System-Microbiome Circuit in Hypertension. <i>Circulation Research</i> , <b>2019</b> , 125, 104-116	15.7	47
192	Centrally administered angiotensin-(1-7) increases the survival of stroke-prone spontaneously hypertensive rats. <i>Experimental Physiology</i> , <b>2014</b> , 99, 442-53	2.4	47
191	Angiotensin receptors and norepinephrine neuromodulation: implications of functional coupling. <i>Regulatory Peptides</i> , <b>1998</b> , 73, 141-7		47
190	Moderate cardiac-selective overexpression of angiotensin II type 2 receptor protects cardiac functions from ischaemic injury. <i>Experimental Physiology</i> , <b>2012</b> , 97, 89-101	2.4	46

189	Angiotensin II type 2 receptor gene transfer elicits cardioprotective effects in an angiotensin II infusion rat model of hypertension. <i>Physiological Genomics</i> , <b>2004</b> , 19, 255-61	3.6	45
188	Characterization of mitotic neurons derived from adult rat hypothalamus and brain stem. <i>Journal of Neurophysiology</i> , <b>2002</b> , 87, 1076-85	3.2	45
187	Angiotensin II decreases neuronal delayed rectifier potassium current: role of calcium/calmodulin-dependent protein kinase II. <i>Journal of Neurophysiology</i> , <b>1999</b> , 82, 1560-8	3.2	44
186	Chronotropic action of angiotensin II in neurons via protein kinase C and CaMKII. <i>Hypertension</i> , <b>2002</b> , 39, 562-6	8.5	43
185	Obesity induces neuroinflammation mediated by altered expression of the renin-angiotensin system in mouse forebrain nuclei. <i>Physiology and Behavior</i> , <b>2014</b> , 136, 31-8	3.5	42
184	Cerebroprotective action of angiotensin peptides in stroke. <i>Clinical Science</i> , <b>2014</b> , 126, 195-205	6.5	41
183	Peptide receptors in astroglia: focus on angiotensin II and atrial natriuretic peptide. <i>Glia</i> , <b>1994</b> , 11, 110-69		41
182	Immunocytochemical and biochemical characterization of angiotensin I and II in cultured neuronal and glial cells from rat brain. <i>Neuroendocrinology</i> , <b>1988</b> , 47, 125-32	5.6	41
181	A comparison of the potencies of various dopamine receptor agonists in models for pre- and postsynaptic receptor activity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1983</b> , 324, 108-15	3.4	41
180	Activation of the Neuroprotective Angiotensin-Converting Enzyme 2 in Rat Ischemic Stroke. <i>Hypertension</i> , <b>2015</b> , 66, 141-8	8.5	40
179	Neuroimmune communication in hypertension and obesity: a new therapeutic angle?. <i>Pharmacology &amp; Therapeutics</i> , <b>2013</b> , 138, 428-40	13.9	39
178	Role of neurons and glia in the CNS actions of the renin-angiotensin system in cardiovascular control. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2015</b> , 309, R444-58	3.2	38
177	Role of prolylcarboxypeptidase in angiotensin II type 2 receptor-mediated bradykinin release in mouse coronary artery endothelial cells. <i>Hypertension</i> , <b>2010</b> , 56, 384-90	8.5	38
176	A-type K <sup>+</sup> current in neurons cultured from neonatal rat hypothalamus and brain stem: modulation by angiotensin II. <i>Journal of Neurophysiology</i> , <b>1997</b> , 78, 1021-9	3.2	38
175	Long-term changes in glutamatergic synaptic transmission in phenylketonuria. <i>Brain</i> , <b>2005</b> , 128, 300-7	11.2	37
174	The Selective Angiotensin II Type 2 Receptor Agonist, Compound 21, Attenuates the Progression of Lung Fibrosis and Pulmonary Hypertension in an Experimental Model of Bleomycin-Induced Lung Injury. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 180	4.6	36
173	Candesartan pretreatment is cerebroprotective in a rat model of endothelin-1-induced middle cerebral artery occlusion. <i>Experimental Physiology</i> , <b>2009</b> , 94, 937-46	2.4	36
172	Angiotensin II type 1 receptor-modulated signaling pathways in neurons. <i>Molecular Neurobiology</i> , <b>1999</b> , 19, 25-41	6.2	36

171	Characterization of a polyclonal anti-peptide antibody to the angiotensin II type-1 (AT1) receptor. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 183, 781-8	3.4	36
170	Central pressor action of neurotensin in conscious rats. <i>Hypertension</i> , <b>1982</b> , 4, 888-93	8.5	36
169	Mechanisms underlying the chronotropic effect of angiotensin II on cultured neurons from rat hypothalamus and brain stem. <i>Journal of Neurophysiology</i> , <b>1997</b> , 78, 1013-20	3.2	35
168	Neuronal ion channel signalling pathways: modulation by angiotensin II. <i>Cellular Signalling</i> , <b>1998</b> , 10, 303-11	4.9	35
167	Characterization of Glucocorticoid Type II Receptors in Neuronal and Glial Cultures from Rat Brain. <i>Journal of Neuroendocrinology</i> , <b>1990</b> , 2, 29-38	3.8	35
166	Rat brain cells in primary culture: visualization and measurement of catecholamines. <i>Brain Research</i> , <b>1983</b> , 264, 267-75	3.7	34
165	Angiotensin II type 2 receptor promotes apoptosis and inhibits angiogenesis in bladder cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2017</b> , 36, 77	12.8	33
164	Angiotensin II increases GABAB receptor expression in nucleus tractus solitarii of rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2008</b> , 294, H2712-20	5.2	33
163	Direct angiotensin type2 receptor (AT2R) stimulation attenuates T-cell and microglia activation and prevents demyelination in experimental autoimmune encephalomyelitis in mice. <i>Clinical Science</i> , <b>2015</b> , 128, 95-109	6.5	32
162	Angiotensin-(1-7) Decreases Cell Growth and Angiogenesis of Human Nasopharyngeal Carcinoma Xenografts. <i>Molecular Cancer Therapeutics</i> , <b>2016</b> , 15, 37-47	6.1	32
161	L-phenylalanine selectively depresses currents at glutamatergic excitatory synapses. <i>Journal of Neuroscience Research</i> , <b>2003</b> , 72, 116-24	4.4	32
160	Angiotensin II type 1 receptor-mediated inhibition of K <sup>+</sup> channel subunit kv2.2 in brain stem and hypothalamic neurons. <i>Circulation Research</i> , <b>1999</b> , 84, 352-9	15.7	32
159	Effects of angiotensin II type 2 receptor overexpression on the growth of hepatocellular carcinoma cells in vitro and in vivo. <i>PLoS ONE</i> , <b>2013</b> , 8, e83754	3.7	32
158	Anesthesia with sevoflurane in neonatal rats: Developmental neuroendocrine abnormalities and alleviating effects of the corticosteroid and Cl(-) importer antagonists. <i>Psychoneuroendocrinology</i> , <b>2015</b> , 60, 173-81	5	31
157	Increased expression of angiotensin II type 2 receptors in the solitary-vagal complex blunts renovascular hypertension. <i>Hypertension</i> , <b>2014</b> , 64, 777-83	8.5	31
156	Nucleus of the solitary tract (pro)renin receptor-mediated antihypertensive effect involves nuclear factor- $\kappa$ B-cytokine signaling in the spontaneously hypertensive rat. <i>Hypertension</i> , <b>2013</b> , 61, 622-7	8.5	31
155	Glucocorticoids potentiate the dipsogenic action of angiotensin II. <i>Brain Research</i> , <b>1989</b> , 499, 121-30	3.7	31
154	Neuroprotective action of halogenated derivatives of L-phenylalanine. <i>Stroke</i> , <b>2004</b> , 35, 1192-6	6.7	30

153	Angiotensin II stimulates activation of Fos-regulating kinase and c-Jun NH2-terminal kinase in neuronal cultures from rat brain. <i>Endocrinology</i> , <b>1998</b> , 139, 245-51	4.8	30
152	Expression of mineralocorticoid type I and glucocorticoid type II receptors in astrocyte glia as a function of time in culture. <i>Developmental Brain Research</i> , <b>1991</b> , 61, 55-61		30
151	Chronic knockdown of the nucleus of the solitary tract AT1 receptors increases blood inflammatory-endothelial progenitor cell ratio and exacerbates hypertension in the spontaneously hypertensive rat. <i>Hypertension</i> , <b>2013</b> , 61, 1328-33	8.5	29
150	Macrophage migration inhibitory factor in hypothalamic paraventricular nucleus neurons decreases blood pressure in spontaneously hypertensive rats. <i>FASEB Journal</i> , <b>2008</b> , 22, 3175-85	0.9	29
149	Drinking behavior elicited by central injection of angiotensin II: roles for protein kinase C and Ca2+/calmodulin-dependent protein kinase II. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2003</b> , 285, R632-40	3.2	29
148	Cytokine- and endotoxin-induced nitric oxide synthase in rat astroglial cultures: differential modulation by angiotensin II. <i>Journal of Neurochemistry</i> , <b>1997</b> , 68, 935-44	6	29
147	Angiotensin II increases neuronal delayed rectifier K(+) current: role of 12-lipoxygenase metabolites of arachidonic acid. <i>Journal of Neurophysiology</i> , <b>2000</b> , 84, 2494-501	3.2	29
146	Reduced dipsogenic responsiveness to intracerebroventricularly administered angiotensin II in estrogen-treated rats. <i>Brain Research</i> , <b>1985</b> , 338, 115-21	3.7	29
145	Endocrine and neurobehavioral abnormalities induced by propofol administered to neonatal rats. <i>Anesthesiology</i> , <b>2014</b> , 121, 1010-7	4.3	28
144	Alpha 1-adrenergic receptor-mediated downregulation of angiotensin II receptors in neuronal cultures. <i>Journal of Neurochemistry</i> , <b>1986</b> , 47, 1117-26	6	28
143	Receptors for phorbol esters are primarily localized in neurons: comparison of neuronal and glial cultures. <i>Neurochemical Research</i> , <b>1988</b> , 13, 51-6	4.6	27
142	Angiotensin II type 2 receptor-mediated regulation of rat neuronal K+ channels. <i>Circulation Research</i> , <b>1996</b> , 79, 302-9	15.7	27
141	Potential of angiotensin II-induced drinking by glucocorticoids is a specific glucocorticoid type II receptor (GR)-mediated event. <i>Brain Research</i> , <b>1991</b> , 552, 283-90	3.7	26
140	Angiotensin II stimulates changes in the norepinephrine content of primary cultures of rat brain. <i>Neuroscience Letters</i> , <b>1983</b> , 36, 305-9	3.3	26
139	The effect of neuroleptic drugs on drinking induced by central administration of angiotensin or carbachol. <i>Psychopharmacology</i> , <b>1979</b> , 60, 291-4	4.7	26
138	Protective Angiotensin Type 2 Receptors in the Brain and Hypertension. <i>Current Hypertension Reports</i> , <b>2017</b> , 19, 46	4.7	25
137	Centrally Mediated Cardiovascular Actions of the Angiotensin II Type 2 Receptor. <i>Trends in Endocrinology and Metabolism</i> , <b>2017</b> , 28, 684-693	8.8	25
136	Selective silencing of angiotensin receptor subtype 1a (AT1aR) by RNA interference. <i>Hypertension</i> , <b>2005</b> , 45, 115-9	8.5	25

135	Angiotensin Type-2 Receptors Influence the Activity of Vasopressin Neurons in the Paraventricular Nucleus of the Hypothalamus in Male Mice. <i>Endocrinology</i> , <b>2016</b> , 157, 3167-80	4.8	24
134	Novel role of macrophage migration inhibitory factor in angiotensin II regulation of neuromodulation in rat brain. <i>Endocrinology</i> , <b>2001</b> , 142, 4623-30	4.8	24
133	Neuroprotection by post-stroke administration of an oral formulation of angiotensin-(1-7) in ischaemic stroke. <i>Experimental Physiology</i> , <b>2018</b> , 103, 916-923	2.4	23
132	Small-molecule AT2 receptor agonists. <i>Medicinal Research Reviews</i> , <b>2018</b> , 38, 602-624	14.4	23
131	Lentiviral Vectors Mediate Long-Term and High Efficiency Transgene Expression in HEK 293T cells. <i>International Journal of Medical Sciences</i> , <b>2015</b> , 12, 407-15	3.7	23
130	Potentialiation of the antihypertensive action of losartan by peripheral overexpression of the ANG II type 2 receptor. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H727-35	5.2	23
129	Characteristics of the beta-adrenoreceptor from neuronal and glial cells in primary cultures of rat brain. <i>Journal of Neurochemistry</i> , <b>1986</b> , 47, 1318-26	6	23
128	ANG II-mediated inhibition of neuronal delayed rectifier K <sup>+</sup> current: role of protein kinase C-alpha. <i>American Journal of Physiology - Cell Physiology</i> , <b>2001</b> , 281, C17-23	5.4	23
127	Regulation of secretogranin II mRNA in rat neuronal cultures. <i>Molecular Brain Research</i> , <b>1995</b> , 33, 326-32		23
126	AT1 receptors and angiotensin actions in the brain and neuronal cultures of normotensive and hypertensive rats. <i>Advances in Experimental Medicine and Biology</i> , <b>1995</b> , 377, 331-48	3.6	23
125	Angiotensin II stimulates protein phosphatase 2A activity in cultured neuronal cells via type 2 receptors in a pertussis toxin sensitive fashion. <i>Advances in Experimental Medicine and Biology</i> , <b>1996</b> , 396, 209-15	3.6	23
124	Angiotensin receptors and norepinephrine neuromodulation: implications of functional coupling. <i>Regulatory Peptides</i> , <b>1997</b> , 72, 139-45		22
123	Angiotensin II regulation of intracellular calcium in astroglia cultured from rat hypothalamus and brainstem. <i>Journal of Neurochemistry</i> , <b>1996</b> , 67, 996-1004	6	22
122	Functional Interactions Between Neuronal AT1 and AT2 Receptors		22
121	Brain angiotensin type-1 and type-2 receptors: cellular locations under normal and hypertensive conditions. <i>Hypertension Research</i> , <b>2020</b> , 43, 281-295	4.7	22
120	Identification of protein phosphatase involvement in the AT receptor-induced activation of endothelial nitric oxide synthase. <i>Clinical Science</i> , <b>2018</b> , 132, 777-790	6.5	21
119	Macrophage migration inhibitory factor in the PVN attenuates the central pressor and dipsogenic actions of angiotensin II. <i>FASEB Journal</i> , <b>2006</b> , 20, 1748-50	0.9	21
118	Obligatory role of protein kinase Cbeta and MARCKS in vesicular trafficking in living neurons. <i>Hypertension</i> , <b>2002</b> , 39, 567-72	8.5	21

117	Effects of specific dopamine lesions and dopamine receptor sensitivity on angiotensin II- and carbachol-induced thirst in rats. <i>Psychopharmacology</i> , <b>1981</b> , 73, 180-3	4.7	21
116	Modulation of delayed rectifier potassium current by angiotensin II in CATH.a cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 310, 710-4	3.4	20
115	Enhanced transgene expression in rat brain cell cultures with a disulfide-containing cationic lipid. <i>Neuroscience Letters</i> , <b>1999</b> , 277, 141-4	3.3	20
114	Butyrate regulates inflammatory cytokine expression without affecting oxidative respiration in primary astrocytes from spontaneously hypertensive rats. <i>Physiological Reports</i> , <b>2018</b> , 6, e13732	2.6	19
113	Immunostaining evidence for PI(4,5)P2 localization at the leading edge of chemoattractant-stimulated HL-60 cells. <i>Journal of Leukocyte Biology</i> , <b>2008</b> , 84, 440-7	6.5	19
112	Alpha 2-adrenergic receptors in neuronal and glial cultures: characterization and comparison. <i>Journal of Neurochemistry</i> , <b>1989</b> , 53, 287-96	6	19
111	Chronic dietary administration of tryptophan prevents the development of deoxycorticosterone acetate salt induced hypertension in rats. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>1987</b> , 65, 753-64	2.4	19
110	Effects of increased circulating angiotensin II (All) on fluid exchange and binding of All in the brain. <i>Brain Research Bulletin</i> , <b>1988</b> , 20, 493-501	3.9	19
109	PI3-kinase inhibitors abolish the enhanced chronotropic effects of angiotensin II in spontaneously hypertensive rat brain neurons. <i>Journal of Neurophysiology</i> , <b>2003</b> , 90, 3155-60	3.2	19
108	Correcting the imbalanced protective RAS in COVID-19 with angiotensin AT2-receptor agonists. <i>Clinical Science</i> , <b>2020</b> , 134, 2987-3006	6.5	19
107	Angiotensin II type 2 receptor-stimulated activation of plasma prekallikrein and bradykinin release: role of SHP-1. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 302, H2553-9	5.2	18
106	Hypertension-linked decrease in the expression of brain gamma-adducin. <i>Circulation Research</i> , <b>2002</b> , 91, 633-9	15.7	18
105	Chronotropic effect of angiotensin II via type 2 receptors in rat brain neurons. <i>Journal of Neurophysiology</i> , <b>2001</b> , 85, 2177-83	3.2	18
104	Role of environmental stressors in determining the developmental outcome of neonatal anesthesia. <i>Psychoneuroendocrinology</i> , <b>2017</b> , 81, 96-104	5	17
103	Overexpression of AT2R in the solitary-vagal complex improves baroreflex in the spontaneously hypertensive rat. <i>Neuropeptides</i> , <b>2016</b> , 60, 29-36	3.3	17
102	Alpha 1-adrenergic receptors in neuronal cultures from rat brain: increased expression in the spontaneously hypertensive rat. <i>Journal of Neurochemistry</i> , <b>1986</b> , 47, 1190-8	6	17
101	Angiotensin II type 2 receptor-mediated gene expression profiling in human coronary artery endothelial cells. <i>Hypertension</i> , <b>2005</b> , 45, 692-7	8.5	17
100	Involvement of both dopaminergic and alpha-adrenergic receptors in the hypomotility induced by dibenzoyl-6,7-ADTN. <i>European Journal of Pharmacology</i> , <b>1981</b> , 70, 541-50	5.3	17

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