Colin Sumners

List of Publications by Year
in descending order

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251	8,972	31976	66911
papers	citations	53 h-index	78 g-index

252	252	252	6416
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Brain Microglial Cytokines in Neurogenic Hypertension. Hypertension, 2010, 56, 297-303.	2.7	336
2	Angiotensin II receptor subtypes are coupled with distinct signal-transduction mechanisms in neurons and astrocytes from rat brain.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 7567-7571.	7.1	229
3	Angiotensin II in central nervous system physiology. Regulatory Peptides, 1998, 78, 1-11.	1.9	208
4	Chronic Ethanol Exposure Potentiates NMDA Excitotoxicity in Cerebral Cortical Neurons. Journal of Neurochemistry, 1993, 60, 1578-1581.	3.9	201
5	Cerebroprotection by angiotensin-(1-7) in endothelin-1-induced ischaemic stroke. Experimental Physiology, 2011, 96, 1084-1096.	2.0	169
6	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. Journal of Biological Chemistry, 1996, 271, 15635-15641.	3.4	166
7	Therapeutic Implications of the Vasoprotective Axis of the Renin-Angiotensin System in Cardiovascular Diseases. Hypertension, 2010, 55, 207-213.	2.7	159
8	The angiotensin II type 2 receptor: an enigma with multiple variations. American Journal of Physiology - Endocrinology and Metabolism, 2000, 278, E357-E374.	3.5	136
9	Chronic Ethanol IncreasesN-Methyl-d-Aspartate-Stimulated Nitric Oxide Formation but Not Receptor Density in Cultured Cortical Neurons. Molecular Pharmacology, 1997, 51, 733-740.	2.3	130
10	Cytokineâ€stimulated inducible nitric oxide synthase expression in astroglia: Role of Erk mitogenâ€activated protein kinase and NFâ€ºB. Glia, 2003, 41, 152-160.	4.9	120
11	Ethanol Inhibits NMDA Receptor-Mediated Excitotoxicity in Rat Primary Neuronal Cultures. Alcoholism: Clinical and Experimental Research, 1993, 17, 54-60.	2.4	114
12	Mineralocorticoids modulate central angiotensin II receptors in rats. Brain Research, 1986, 382, 87-96.	2.2	110
13	Anti-inflammatory effects of angiotensin-(1-7) in ischemic stroke. Neuropharmacology, 2013, 71, 154-163.	4.1	105
14	NAD(P)H Oxidase Inhibition Attenuates Neuronal Chronotropic Actions of Angiotensin II. Circulation Research, 2005, 96, 659-666.	4.5	99
15	Angiotensin typeÂ2 receptor (AT2R) and receptor Mas: a complex liaison. Clinical Science, 2015, 128, 227-234.	4.3	89
16	Reporter mouse strain provides a novel look at angiotensin type-2 receptor distribution in the central nervous system. Brain Structure and Function, 2016, 221, 891-912.	2.3	89
17	Microglial Cells Impact Gut Microbiota and Gut Pathology in Angiotensin II-Induced Hypertension. Circulation Research, 2019, 124, 727-736.	4.5	89
18	Angiotensin At₁Receptor Signalling Pathways In Neurons. Clinical and Experimental Pharmacology and Physiology, 2002, 29, 483-490.	1.9	88

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19	Perinatal Loss of Nkx2-5 Results in Rapid Conduction and Contraction Defects. Circulation Research, 2008, 103, 580-590.	4.5	86
20	Changes in skin angiotensin II receptors in rats during wound healing. Biochemical and Biophysical Research Communications, 1992, 187, 1083-1090.	2.1	83
21	Involvement of the Brain (Pro)renin Receptor in Cardiovascular Homeostasis. Circulation Research, 2010, 107, 934-938.	4.5	83
22	Angiotensin type 2 receptorâ€“mediated apoptosis of human prostate cancer cells. Molecular Cancer Therapeutics, 2009, 8, 3255-3265.	4.1	82
23	Brain cytokines as neuromodulators in cardiovascular control. Clinical and Experimental Pharmacology and Physiology, 2010, 37, e52-7.	1.9	82
24	Angiotensin II Type 2 Receptor-Mediated Apoptosis of Cultured Neurons from Newborn Rat Brain**This work was supported by a grant from the NIH (NS-19441) and a postdoctoral fellowship (to U.V.S.) from the American Heart Association, Florida Affiliate.. Endocrinology, 1999, 140, 500-509.	2.8	81
25	Expression of Angiotensin AT1 and AT2 Receptors in Adult Rat Cardiomyocytes after Myocardial Infarction. American Journal of Pathology, 2000, 157, 605-611.	3.8	78
26	A current view of brain reninâ€“angiotensin system: Is the (pro)renin receptor the missing link?. , 2010, 125, 27-38.		77
27	Protective arms of the reninâ€“angiotensinâ€system in neurological disease. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 580-588.	1.9	75
28	Selective activation of angiotensin <scp>AT</scp>₂ receptors attenuates progression of pulmonary hypertension and inhibits cardiopulmonary fibrosis. British Journal of Pharmacology, 2015, 172, 2219-2231.	5.4	75
29	Impaired Autonomic Nervous System-Microbiome Circuit in Hypertension. Circulation Research, 2019, 125, 104-116.	4.5	73
30	A Unique â€œAngiotensin-Sensitiveâ€•Neuronal Population Coordinates Neuroendocrine, Cardiovascular, and Behavioral Responses to Stress. Journal of Neuroscience, 2017, 37, 3478-3490.	3.6	71
31	Angiotensin Type 1a Receptors in the Paraventricular Nucleus of the Hypothalamus Protect against Diet-Induced Obesity. Journal of Neuroscience, 2013, 33, 4825-4833.	3.6	70
32	Direct Pro-Inflammatory Effects of Prorenin on Microglia. PLoS ONE, 2014, 9, e92937.	2.5	70
33	Angiotensin type 2 receptors: blood pressure regulation and end organ damage. Current Opinion in Pharmacology, 2015, 21, 115-121.	3.5	70
34	Neuroprotective Mechanisms of the ACE2â€“Angiotensin-(1-7)â€“Mas Axis in Stroke. Current Hypertension Reports, 2015, 17, 3.	3.5	70
35	Distinct angiotensin II receptor in primary cultures of glial cells from rat brain.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 4655-4659.	7.1	68
36	Oxygen and Glucose Deprivation-Induced Neuronal Apoptosis is Attenuated by Halothane and Isoflurane. Anesthesia and Analgesia, 2001, 93, 1281-1287.	2.2	68

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37	Effects of Angiotensin Type 2 Receptor Overexpression in the Rostral Ventrolateral Medulla on Blood Pressure and Urine Excretion in Normal Rats. Hypertension, 2008, 51, 521-527.	2.7	67
38	Receptor-Mediated Effects of Angiotensin II on Neurons. Frontiers in Neuroendocrinology, 1994, 15, 203-230.	5.2	66
39	Angiotensin II Type 2 Receptor Stimulation of Neuronal Delayed-Rectifier Potassium Current Involves Phospholipase A2and Arachidonic Acid. Journal of Neuroscience, 1998, 18, 679-686.	3.6	66
40	Angiotensin II type 2 receptor promotes apoptosis and inhibits angiogenesis in bladder cancer. Journal of Experimental and Clinical Cancer Research, 2017, 36, 77.	8.6	66
41	Characterization of a functional (pro)renin receptor in rat brain neurons. Experimental Physiology, 2008, 93, 701-708.	2.0	64
42	Angiotensin II Type 2 Receptor-Mediated Stimulation of Protein Phosphatase 2A in Rat Hypothalamic/Brainstem Neuronal Cocultures. Journal of Neurochemistry, 2002, 65, 2131-2137.	3.9	63
43	Lentivirus-mediated overexpression of angiotensin-(1-7) attenuated ischaemia-induced cardiac pathophysiology. Experimental Physiology, 2011, 96, 863-874.	2.0	62
44	Functional Interactions Between Neuronal AT₁and AT₂Receptors. Endocrinology, 1997, 138, 2195-2195.	2.8	61
45	Specific inhibition of N-methyl-D-aspartate receptor function in rat hippocampal neurons by L-phenylalanine at concentrations observed during phenylketonuria. Molecular Psychiatry, 2002, 7, 359-367.	7.9	60
46	The angiotensin type 2 receptor agonist Compound 21 elicits cerebroprotection in endothelin-1 induced ischemic stroke. Neuropharmacology, 2014, 81, 134-141.	4.1	60
47	Modulation of net outward current in cultured neurons by angiotensin II: involvement of AT1 and AT2 receptors. Brain Research, 1992, 580, 317-324.	2.2	59
48	Role of Prolylcarboxypeptidase in Angiotensin II Type 2 Receptorâ€“Mediated Bradykinin Release in Mouse Coronary Artery Endothelial Cells. Hypertension, 2010, 56, 384-390.	2.7	59
49	Direct antiâ€inflammatory effects of angiotensinâ€(1â€“7) on microglia. Journal of Neurochemistry, 2016, 136, 163-171.	3.9	59
50	Characterization of Mitotic Neurons Derived From Adult Rat Hypothalamus and Brain Stem. Journal of Neurophysiology, 2002, 87, 1076-1085.	1.8	58
51	Obesity induces neuroinflammation mediated by altered expression of the reninâ€“angiotensin system in mouse forebrain nuclei. Physiology and Behavior, 2014, 136, 31-38.	2.1	58
52	Macrophage Migration Inhibitory Factor: An Intracellular Inhibitor of Angiotensin II-Induced Increases in Neuronal Activity. Journal of Neuroscience, 2004, 24, 9944-9952.	3.6	56
53	Centrally administered angiotensinâ€(1â€“7) increases the survival of strokeâ€prone spontaneously hypertensive rats. Experimental Physiology, 2014, 99, 442-453.	2.0	56
54	Activation of the Neuroprotective Angiotensin-Converting Enzyme 2 in Rat Ischemic Stroke. Hypertension, 2015, 66, 141-148.	2.7	56

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55	Prevention of Cardiac Hypertrophy by Angiotensin II Type-2 Receptor Gene Transfer. Hypertension, 2004, 43, 1233-1238.	2.7	55
56	Moderate cardiacâ€selective overexpression of angiotensin II type 2 receptor protects cardiac functions from ischaemic injury. Experimental Physiology, 2012, 97, 89-101.	2.0	55
57	Angiotensin II Type 1 Receptor mRNA Levels in the Brains of Normotensive and Spontaneously Hypertensive Rats. Journal of Neurochemistry, 1993, 60, 1949-1952.	3.9	53
58	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. Frontiers in Physiology, 2018, 9, 180.	2.8	53
59	Role of neurons and glia in the CNS actions of the renin-angiotensin system in cardiovascular control. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R444-R458.	1.8	52
60	Angiotensin II type 2 receptor gene transfer elicits cardioprotective effects in an angiotensin II infusion rat model of hypertension. Physiological Genomics, 2004, 19, 255-261.	2.3	49
61	Angiotensin receptors and norepinephrine neuromodulation: implications of functional coupling. Regulatory Peptides, 1998, 73, 141-147.	1.9	48
62	Cerebroprotective action of angiotensin peptides in stroke. Clinical Science, 2014, 126, 195-205.	4.3	48
63	Angiotensin II Decreases Neuronal Delayed Rectifier Potassium Current: Role of Calcium/Calmodulin-Dependent Protein Kinase II. Journal of Neurophysiology, 1999, 82, 1560-1568.	1.8	46
64	A comparison of the potencies of various dopamine receptor agonists in models for pre- and postsynaptic receptor activity. Naunyn-Schmiedeberg's Archives of Pharmacology, 1983, 324, 108-115.	3.0	45
65	Immunocytochemical and Biochemical Characterization of Angiotensin I and II in Cultured Neuronal and Glial Cells from Rat Brain. Neuroendocrinology, 1988, 47, 125-132.	2.5	45
66	Long-term changes in glutamatergic synaptic transmission in phenylketonuria. Brain, 2004, 128, 300-307.	7.6	44
67	Central pressor action of neurotensin in conscious rats.. Hypertension, 1982, 4, 888-893.	2.7	43
68	Chronotropic Action of Angiotensin II in Neurons via Protein Kinase C and CaMKII. Hypertension, 2002, 39, 562-566.	2.7	43
69	Direct angiotensin typeÂ2 receptor (AT2R) stimulation attenuates T-cell and microglia activation and prevents demyelination in experimental autoimmune encephalomyelitis in mice. Clinical Science, 2015, 128, 95-109.	4.3	43
70	Peptide receptors in astroglia: Focus on angiotensin II and atrial natriuretic peptide. Glia, 1994, 11, 110-116.	4.9	42
71	Angiotensin receptors and norepinephrine neuromodulation: implications of functional coupling. Regulatory Peptides, 1997, 72, 139-145.	1.9	42
72	Anesthesia with sevoflurane in neonatal rats: Developmental neuroendocrine abnormalities and alleviating effects of the corticosteroid and Clâ¯ importer antagonists. Psychoneuroendocrinology, 2015, 60, 173-181.	2.7	42

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73	Angiotensin-(1-7) Decreases Cell Growth and Angiogenesis of Human Nasopharyngeal Carcinoma Xenografts. Molecular Cancer Therapeutics, 2016, 15, 37-47.	4.1	42
74	Nucleus of the Solitary Tract (Pro)Renin Receptor-Mediated Antihypertensive Effect Involves Nuclear Factor-Î¹B-Cytokine Signaling in the Spontaneously Hypertensive Rat. Hypertension, 2013, 61, 622-627.	2.7	41
75	Neuroimmune communication in hypertension and obesity: A new therapeutic angle?. , 2013, 138, 428-440.		41
76	Characterization of a polyclonal anti-peptide antibody to the angiotensin II type-1 (AT1) receptor. Biochemical and Biophysical Research Communications, 1992, 183, 781-788.	2.1	39
77	Angiotensin II type 1 receptor-modulated signaling pathways in neurons. Molecular Neurobiology, 1999, 19, 25-41.	4.0	39
78	Candesartan pretreatment is cerebroprotective in a rat model of endothelinâ€1â€induced middle cerebral artery occlusion. Experimental Physiology, 2009, 94, 937-946.	2.0	39
79	A-Type K+ Current in Neurons Cultured From Neonatal Rat Hypothalamus and Brain Stem: Modulation by Angiotensin II. Journal of Neurophysiology, 1997, 78, 1021-1029.	1.8	38
80	Angiotensin II increases GABA_B receptor expression in nucleus tractus solitarii of rats. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2712-H2720.	3.2	38
81	Antiâ€fibrotic mechanisms of angiotensin AT₂â€receptor stimulation. Acta Physiologica, 2019, 227, e13280.	3.8	38
82	Brain angiotensin type-1 and type-2 receptors: cellular locations under normal and hypertensive conditions. Hypertension Research, 2020, 43, 281-295.	2.7	37
83	Angiotensin II Type 2 Receptor-Mediated Apoptosis of Cultured Neurons from Newborn Rat Brain. Endocrinology, 1999, 140, 500-509.	2.8	37
84	Characterization of Glucocorticoid Type II Receptors in Neuronal and Glial Cultures from Rat Brain. Journal of Neuroendocrinology, 1990, 2, 29-38.	2.6	36
85	Mechanisms Underlying the Chronotropic Effect of Angiotensin II on Cultured Neurons From Rat Hypothalamus and Brain Stem. Journal of Neurophysiology, 1997, 78, 1013-1020.	1.8	36
86	L-phenylalanine selectively depresses currents at glutamatergic excitatory synapses. Journal of Neuroscience Research, 2003, 72, 116-124.	2.9	36
87	Rat brain cells in primary culture: visualization and measurement of catecholamines. Brain Research, 1983, 264, 267-275.	2.2	35
88	Neuronal Ion Channel Signalling Pathways. Cellular Signalling, 1998, 10, 303-311.	3.6	35
89	Endocrine and Neurobehavioral Abnormalities Induced by Propofol Administered to Neonatal Rats. Anesthesiology, 2014, 121, 1010-1017.	2.5	35
90	Increased Expression of Angiotensin II Type 2 Receptors in the Solitaryâ€“Vagal Complex Blunts Renovascular Hypertension. Hypertension, 2014, 64, 777-783.	2.7	35

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91	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
92	Correcting the imbalanced protective RAS in COVID-19 with angiotensin AT2-receptor agonists. Clinical Science, 2020, 134, 2987-3006.	4.3	35
93	Effects of Angiotensin II Type 2 Receptor Overexpression on the Growth of Hepatocellular Carcinoma Cells In Vitro and In Vivo. PLoS ONE, 2013, 8, e83754.	2.5	35
94	Glucocorticoids potentiate the dipsogenic action of angiotensin II. Brain Research, 1989, 499, 121-130.	2.2	34
95	Angiotensin II Type 1 Receptorâ€“Mediated Inhibition of K + Channel Subunit Kv2.2 in Brain Stem and Hypothalamic Neurons. Circulation Research, 1999, 84, 352-359.	4.5	34
96	Neuroprotection via AT2 receptor agonists in ischemic stroke. Clinical Science, 2018, 132, 1055-1067.	4.3	34
97	Drinking behavior elicited by central injection of angiotensin II: roles for protein kinase C and Ca2+/calmodulin-dependent protein kinase II. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 285, R632-R640.	1.8	33
98	Angiotensin Type-2 Receptors Influence the Activity of Vasopressin Neurons in the Paraventricular Nucleus of the Hypothalamus in Male Mice. Endocrinology, 2016, 157, 3167-3180.	2.8	33
99	Expression of mineralocorticoid Type I and glucocorticoid Type II receptors in astrocyte glia as a function of time in culture. Developmental Brain Research, 1991, 61, 55-61.	1.7	32
100	Angiotensin II Stimulates Activation of Fos-Regulating Kinase and c-Jun NH₂-Terminal Kinase in Neuronal Cultures from Rat Brain¹. Endocrinology, 1998, 139, 245-251.	2.8	32
101	Neuroprotective Action of Halogenated Derivatives of L-Phenylalanine. Stroke, 2004, 35, 1192-1196.	2.0	32
102	Angiotensin II type 2 receptor-stimulated activation of plasma prekallikrein and bradykinin release: role of SHP-1. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H2553-H2559.	3.2	32
103	Reduced dipsogenic responsiveness to intracerebroventricularly administered angiotensin II in estrogen-treated rats. Brain Research, 1985, 338, 115-121.	2.2	31
104	Angiotensin II Increases Neuronal Delayed Rectifier K+ Current: Role of 12-Lipoxygenase Metabolites of Arachidonic Acid. Journal of Neurophysiology, 2000, 84, 2494-2501.	1.8	31
105	Cytokineâ€•and Endotoxinâ€Induced Nitric Oxide Synthase in Rat Astroglial Cultures: Differential Modulation by Angiotensin II. Journal of Neurochemistry, 1997, 68, 935-944.	3.9	31
106	Lentiviral Vectors Mediate Long-Term and High Efficiency Transgene Expression in HEK 293T cells. International Journal of Medical Sciences, 2015, 12, 407-415.	2.5	31
107	Angiotensin II Type 2 Receptorâ€“Mediated Regulation of Rat Neuronal K + Channels. Circulation Research, 1996, 79, 302-309.	4.5	31
108	Potentiation of angiotensin II-induced drinking by glucocorticoids is a specific glucocorticoid Type II receptor (GR)-mediated event. Brain Research, 1991, 552, 283-290.	2.2	30

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109	Î±₁â€Adrenergic Receptorâ€Mediated Downregulation of Angiotensin II Receptors in Neuronal Cultures. Journal of Neurochemistry, 1986, 47, 1117-1126.	3.9	30
110	Macrophage migration inhibitory factor in hypothalamic paraventricular nucleus neurons decreases blood pressure in spontaneously hypertensive rats. FASEB Journal, 2008, 22, 3175-3185.	0.5	30
111	Chronic Knockdown of the Nucleus of the Solitary Tract AT ₁ Receptors Increases Blood Inflammatory-Endothelial Progenitor Cell Ratio and Exacerbates Hypertension in the Spontaneously Hypertensive Rat. Hypertension, 2013, 61, 1328-1333.	2.7	30
112	Protective Angiotensin Type 2 Receptors in the Brain and Hypertension. Current Hypertension Reports, 2017, 19, 46.	3.5	30
113	Centrally Mediated Cardiovascular Actions of the Angiotensin II Type 2 Receptor. Trends in Endocrinology and Metabolism, 2017, 28, 684-693.	7.1	30
114	Selective Silencing of Angiotensin Receptor Subtype 1a (AT 1a R) by RNA Interference. Hypertension, 2005, 45, 115-119.	2.7	29
115	Neuroprotection by postâ€stroke administration of an oral formulation of angiotensinâ€(1â€“7) in ischaemic stroke. Experimental Physiology, 2018, 103, 916-923.	2.0	29
116	Butyrate regulates inflammatory cytokine expression without affecting oxidative respiration in primary astrocytes from spontaneously hypertensive rats. Physiological Reports, 2018, 6, e13732.	1.7	29
117	Receptors for phorbol esters are primarily localized in neurons: Comparison of neuronal and glial cultures. Neurochemical Research, 1988, 13, 51-56.	3.3	28
118	Smallâ€molecule AT2 receptor agonists. Medicinal Research Reviews, 2018, 38, 602-624.	10.5	28
119	The effect of neuroleptic drugs on drinking induced by central administration of angiotensin or carbachol. Psychopharmacology, 1979, 60, 291-294.	3.1	27
120	AT1 Receptors and Angiotensin Actions in the Brain and Neuronal Cultures of Normotensive and Hypertensive Rats. Advances in Experimental Medicine and Biology, 1995, 377, 331-348.	1.6	27
121	Angiotensin II stimulates changes in the norepinephrine content of primary cultures of rat brain. Neuroscience Letters, 1983, 36, 305-309.	2.1	26
122	Regulation of secretogranin II mRNA in rat neuronal cultures. Molecular Brain Research, 1995, 33, 326-332.	2.3	25
123	Novel Role of Macrophage Migration Inhibitory Factor in Angiotensin II Regulation of Neuromodulation in Rat Brain. Endocrinology, 2001, 142, 4623-4630.	2.8	25
124	ANG II-mediated inhibition of neuronal delayed rectifier K+ current: role of protein kinase C-Î±. American Journal of Physiology - Cell Physiology, 2001, 281, C17-C23.	4.6	25
125	Potentiation of the antihypertensive action of losartan by peripheral overexpression of the ANG II type 2 receptor. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H727-H735.	3.2	25
126	Angiotensin II Regulation of Intracellular Calcium in Astroglia Cultured from Rat Hypothalamus and Brainstem. Journal of Neurochemistry, 1996, 67, 996-1004.	3.9	24

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127	Characteristics of the Î²â€Adrenoreceptor from Neuronal and Glial Cells in Primary Cultures of Rat Brain. Journal of Neurochemistry, 1986, 47, 1318-1326.	3.9	24
128	Immunostaining evidence for PI(4,5)P2 localization at the leading edge of chemoattractant-stimulated HL-60 cells. Journal of Leukocyte Biology, 2008, 84, 440-447.	3.3	24
129	Angiotensin II Stimulates Protein Phosphatase 2A Activity in Cultured Neuronal Cells Via Type 2 Receptors in a Pertussis Toxin Sensitive Fashion. Advances in Experimental Medicine and Biology, 1996, 396, 209-215.	1.6	24
130	Effects of specific dopamine lesions and dopamine receptor sensitivity on angiotensin II- and carbachol-induced thirst in rats. Psychopharmacology, 1981, 73, 180-183.	3.1	23
131	Enhanced transgene expression in rat brain cell cultures with a disulfide-containing cationic lipid. Neuroscience Letters, 1999, 277, 141-144.	2.1	23
132	The Renin-Angiotensin System in Hypertension, a Constantly Renewing Classic: Focus on the Angiotensin AT2-Receptor. Canadian Journal of Cardiology, 2020, 36, 683-693.	1.7	23
133	Hypertension-Linked Decrease in the Expression of Brain Î³-Adducin. Circulation Research, 2002, 91, 633-639.	4.5	22
134	Macrophage migration inhibitory factor in the PVN attenuates the central pressor and dipsogenic actions of angiotensin II. FASEB Journal, 2006, 20, 1748-1750.	0.5	22
135	Role of environmental stressors in determining the developmental outcome of neonatal anesthesia. Psychoneuroendocrinology, 2017, 81, 96-104.	2.7	22
136	Functional Interactions Between Neuronal AT1 and AT2 Receptors. Endocrinology, 1997, 138, 2195-2195.	2.8	22
137	Chronic dietary administration of tryptophan prevents the development of deoxycorticosterone acetate salt induced hypertension in rats. Canadian Journal of Physiology and Pharmacology, 1987, 65, 753-764.	1.4	21
138	Obligatory Role of Protein Kinase CÎ² and MARCKS in Vesicular Trafficking in Living Neurons. Hypertension, 2002, 39, 567-572.	2.7	21
139	Modulation of delayed rectifier potassium current by angiotensin II in CATH.a cells. Biochemical and Biophysical Research Communications, 2003, 310, 710-714.	2.1	21
140	Protective effects of the angiotensin II AT2 receptor agonist compound 21 in ischemic stroke: a nose-to-brain delivery approach. Clinical Science, 2018, 132, 581-593.	4.3	21
141	?2-Adrenergic Receptors in Neuronal and Glial Cultures: Characterization and Comparison. Journal of Neurochemistry, 1989, 53, 287-296.	3.9	20
142	Overexpression of AT2R in the solitary-vagal complex improves baroreflex in the spontaneously hypertensive rat. Neuropeptides, 2016, 60, 29-36.	2.2	20
143	AAV-Mediated angiotensin 1-7 overexpression inhibits tumor growth of lung cancer in vitro and in vivo. Oncotarget, 2017, 8, 354-363.	1.8	20
144	Effects of increased circulating angiotensin II (AII) on fluid exchange and binding of AII in the brain. Brain Research Bulletin, 1988, 20, 493-501.	3.0	19

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145	Serum activity of angiotensin converting enzyme 2 is decreased in patients with acute ischemic stroke. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2016, 17, 147032031666106.	1.7	19
146	Modulating of ocular inflammation with macrophage migration inhibitory factor is associated with notch signalling in experimental autoimmune uveitis. Clinical and Experimental Immunology, 2016, 183, 280-293.	2.6	19
147	PI3-Kinase Inhibitors Abolish the Enhanced Chronotropic Effects of Angiotensin II in Spontaneously Hypertensive Rat Brain Neurons. Journal of Neurophysiology, 2003, 90, 3155-3160.	1.8	19
148	Post-stroke angiotensin II type 2 receptor activation provides long-term neuroprotection in aged rats. PLoS ONE, 2017, 12, e0180738.	2.5	19
149	Chronotropic Effect of Angiotensin II via Type 2 Receptors in Rat Brain Neurons. Journal of Neurophysiology, 2001, 85, 2177-2183.	1.8	18
150	Redox regulation of macrophage migration inhibitory factor expression in rat neurons. Biochemical and Biophysical Research Communications, 2009, 390, 171-175.	2.1	18
151	Involvement of both dopaminergic and Î±-adrenergic receptors in the hypomotility induced by dibenzoyl-6,7-ADTN. European Journal of Pharmacology, 1981, 70, 541-550.	3.5	17
152	Desflurane and Sevoflurane Attenuate Oxygen and Glucose Deprivation-Induced Neuronal Cell Death. Journal of Neurosurgical Anesthesiology, 2003, 15, 193-199.	1.2	17
153	Elevated blood pressure in normotensive rats produced by â€˜knockdownâ€™ of the angiotensin type 2 receptor. Experimental Physiology, 2004, 89, 313-322.	2.0	17
154	Angiotensin II Type 2 Receptorâ€“Mediated Gene Expression Profiling in Human Coronary Artery Endothelial Cells. Hypertension, 2005, 45, 692-697.	2.7	17
155	Intronic enhancement of angiotensin II type 2 receptor transgene expression in vitro and in vivo. Biochemical and Biophysical Research Communications, 2005, 336, 29-35.	2.1	17
156	Î±₁â€Adrenergic Receptors in Neuronal Cultures from Rat Brain: Increased Expression in the Spontaneously Hypertensive Rat. Journal of Neurochemistry, 1986, 47, 1190-1198.	3.9	17
157	Regulation of Angiotensin II Type 1 Receptor mRNA in Neuronal Cultures of Normotensive and Spontaneously Hypertensive Rat Brains by Phorbol Esters and Forskolin. Journal of Neurochemistry, 1994, 62, 2079-2084.	3.9	17
158	Angiotensin Type 2 Receptors: Painful, or Not?. Frontiers in Pharmacology, 2020, 11, 571994.	3.5	17
159	Protein Kinase C Agonists Increase the Expression of Angiotensin II Receptors in Neuronal Cultures. Journal of Neurochemistry, 1987, 48, 1954-1961.	3.9	16
160	Angiotensin II-Induced Decrease in Expression of Inducible Nitric Oxide Synthase in Rat Astroglial Cultures. Journal of Neurochemistry, 2001, 74, 613-620.	3.9	16
161	Angiotensin II induction of AP-1 in neurons requires stimulation of PI3-K and JNK. Biochemical and Biophysical Research Communications, 2003, 310, 470-477.	2.1	16
162	Macrophage Migration Inhibitory Factor Increases Neuronal Delayed Rectifier K+ Current. Journal of Neurophysiology, 2006, 95, 1042-1048.	1.8	16

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