Mohan K Raizada

List of Publications by Year
in descending order

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247	16,721	14614	18075
papers	citations	66 h-index	120 g-index

250	250	250	15724
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Angiotensin-Converting Enzyme 2: SARS-CoV-2 Receptor and Regulator of the Renin-Angiotensin System. Circulation Research, 2020, 126, 1456-1474.	2.0	1,478
2	Gut Dysbiosis Is Linked to Hypertension. Hypertension, 2015, 65, 1331-1340.	1.3	1,079
3	The gut microbiota and the brainâ€“gutâ€“kidney axis in hypertension and chronic kidney disease. Nature Reviews Nephrology, 2018, 14, 442-456.	4.1	413
4	Hypertension-Linked Pathophysiological Alterations in the Gut. Circulation Research, 2017, 120, 312-323.	2.0	374
5	Brain Microglial Cytokines in Neurogenic Hypertension. Hypertension, 2010, 56, 297-303.	1.3	336
6	Imbalance of gut microbiome and intestinal epithelial barrier dysfunction in patients with high blood pressure. Clinical Science, 2018, 132, 701-718.	1.8	328
7	Increased human intestinal barrier permeability plasma biomarkers zonulin and FABP2 correlated with plasma LPS and altered gut microbiome in anxiety or depression. Gut, 2018, 67, 1555.2-1557.	6.1	318
8	Prevention of angiotensin II-induced cardiac remodeling by angiotensin-(1â€“7). American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H736-H742.	1.5	309
9	Structure-Based Identification of Small-Molecule Angiotensin-Converting Enzyme 2 Activators as Novel Antihypertensive Agents. Hypertension, 2008, 51, 1312-1317.	1.3	244
10	The Angiotensin-Converting Enzyme 2/Angiogenesis-(1â€“7)/Mas Axis Confers Cardiopulmonary Protection against Lung Fibrosis and Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1065-1072.	2.5	241
11	Real-time imaging of de novo arteriovenous malformation in a mouse model of hereditary hemorrhagic telangiectasia. Journal of Clinical Investigation, 2009, 119, 3487-96.	3.9	238
12	Evidence for Angiotensin-converting Enzyme 2 as a Therapeutic Target for the Prevention of Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 1048-1054.	2.5	233
13	Genetic Ablation of the Bmpr2 Gene in Pulmonary Endothelium Is Sufficient to Predispose to Pulmonary Arterial Hypertension. Circulation, 2008, 118, 722-730.	1.6	222
14	Brain renin-angiotensin system dysfunction in hypertension: recent advances and perspectives. British Journal of Pharmacology, 2003, 139, 191-202.	2.7	221
15	Protection from angiotensin II-induced cardiac hypertrophy and fibrosis by systemic lentiviral delivery of ACE2 in rats. Experimental Physiology, 2005, 90, 783-790.	0.9	214
16	Insulin and insulin-like growth factor receptors in the nervous system. Molecular Neurobiology, 1989, 3, 71-100.	1.9	204
17	The cellular and physiological actions of insulin in the central nervous system. Neurochemistry International, 1993, 22, 1-10.	1.9	201
18	ACE2 gene transfer attenuates hypertension-linked pathophysiological changes in the SHR. Physiological Genomics, 2006, 27, 12-19.	1.0	181

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19	Structure-Based Discovery of a Novel Angiotensin-Converting Enzyme 2 Inhibitor. Hypertension, 2004, 44, 903-906.	1.3	171
20	Insulin inhibits pyramidal neurons in hippocampal slices. Brain Research, 1984, 309, 187-191.	1.1	170
21	Cerebroprotection by angiotensin-(1-7) in endothelin-1-induced ischaemic stroke. Experimental Physiology, 2011, 96, 1084-1096.	0.9	169
22	Therapeutic Implications of the Vasoprotective Axis of the Renin-Angiotensin System in Cardiovascular Diseases. Hypertension, 2010, 55, 207-213.	1.3	159
23	Angiotensin II-Induced Nuclear Targeting of the Angiotensin Type 1 (AT1) Receptor in Brain Neurons*. Endocrinology, 1998, 139, 365-375.	1.4	158
24	Overexpression of Angiotensin-Converting Enzyme 2 in the Rostral Ventrolateral Medulla Causes Long-Term Decrease in Blood Pressure in the Spontaneously Hypertensive Rats. Hypertension, 2007, 49, 926-931.	1.3	157
25	Autonomic-Immune-Vascular Interaction. Hypertension, 2011, 57, 1026-1033.	1.3	157
26	ACE2: A New Target for Cardiovascular Disease Therapeutics. Journal of Cardiovascular Pharmacology, 2007, 50, 112-119.	0.8	156
27	Efficient large-scale production and concentration of HIV-1-based lentiviral vectors for use in vivo. Physiological Genomics, 2003, 12, 221-228.	1.0	154
28	Insulin Is Released from Rat Brain Neuronal Cells in Culture. Journal of Neurochemistry, 1986, 47, 831-836.	2.1	151
29	Diminazene Attenuates Pulmonary Hypertension and Improves Angiogenic Progenitor Cell Functions in Experimental Models. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 648-657.	2.5	150
30	Critical Role of the Interaction Gut Microbiota â€“ Sympathetic Nervous System in the Regulation of Blood Pressure. Frontiers in Physiology, 2019, 10, 231.	1.3	148
31	Involvement of Bone Marrow Cells and Neuroinflammation in Hypertension. Circulation Research, 2015, 117, 178-191.	2.0	147
32	ACE2 and Ang-(1-7) Confer Protection Against Development of Diabetic Retinopathy. Molecular Therapy, 2012, 20, 28-36.	3.7	143
33	Immunohistochemical mapping of angiotensin AT1 receptors in the brain. Regulatory Peptides, 1993, 44, 95-107.	1.9	138
34	Cardiac Overexpression of Angiotensin Converting Enzyme 2 Protects the Heart From Ischemia-Induced Pathophysiology. Hypertension, 2008, 51, 712-718.	1.3	138
35	Prevention of Pulmonary Hypertension by Angiotensin-Converting Enzyme 2 Gene Transfer. Hypertension, 2009, 54, 365-371.	1.3	138
36	Altered Gut Microbiome Profile in Patients With Pulmonary Arterial Hypertension. Hypertension, 2020, 75, 1063-1071.	1.3	130

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37	Oral Delivery of Angiotensin-Converting Enzyme 2 and Angiotensin-(1-7) Bioencapsulated in Plant Cells Attenuates Pulmonary Hypertension. Hypertension, 2014, 64, 1248-1259.	1.3	126
38	Regulation of Rat Brain/HepG2 Glucose Transporter Gene Expression by Insulin and Insulin-Like Growth Factor-I in Primary Cultures of Neuronal and Glial Cells*. Endocrinology, 1989, 125, 314-320.	1.4	125
39	Development of Brain Insulin Receptors: Structural and Functional Studies of Insulin Receptors from Whole Brain and Primary Cell Cultures*. Endocrinology, 1986, 119, 25-35.	1.4	124
40	ACE2 Activation Promotes Antithrombotic Activity. Molecular Medicine, 2010, 16, 210-215.	1.9	122
41	Localization of insulin-like immunoreactivity in the neurons from primary cultures of rat brain. Experimental Cell Research, 1983, 143, 351-357.	1.2	117
42	Binding of [125]insulin to specific receptors and stimulation of nucleotide incorporation in cells cultured from rat brain. Brain Research, 1980, 200, 389-400.	1.1	115
43	Probiotics Prevent Dysbiosis and the Rise in Blood Pressure in Genetic Hypertension: Role of Shortâ€Chain Fatty Acids. Molecular Nutrition and Food Research, 2020, 64, e1900616.	1.5	113
44	Diminazene Aceturate Enhances Angiotensin-Converting Enzyme 2 Activity and Attenuates Ischemia-Induced Cardiac Pathophysiology. Hypertension, 2013, 62, 746-752.	1.3	109
45	The Gut, Its Microbiome, and Hypertension. Current Hypertension Reports, 2017, 19, 36.	1.5	103
46	NAD(P)H Oxidase Inhibition Attenuates Neuronal Chronotropic Actions of Angiotensin II. Circulation Research, 2005, 96, 659-666.	2.0	99
47	Angiotensin-converting enzyme 2 activation protects against hypertension-induced cardiac fibrosis involving extracellular signal-regulated kinases. Experimental Physiology, 2011, 96, 287-294.	0.9	98
48	ACE2, a promising therapeutic target for pulmonary hypertension. Current Opinion in Pharmacology, 2011, 11, 150-155.	1.7	95
49	Brainâ€“Gutâ€“Bone Marrow Axis. Circulation Research, 2016, 118, 1327-1336.	2.0	95
50	ACE2 and Microbiota. Journal of Cardiovascular Pharmacology, 2015, 66, 540-550.	0.8	94
51	Activation of the ACE2/Angiotensin-(1â€“7)/Mas Receptor Axis Enhances the Reparative Function of Dysfunctional Diabetic Endothelial Progenitors. Diabetes, 2013, 62, 1258-1269.	0.3	91
52	Angiotensin-Converting Enzyme 2 Priming Enhances the Function of Endothelial Progenitor Cells and Their Therapeutic Efficacy. Hypertension, 2013, 61, 681-689.	1.3	91
53	Increasing brain angiotensin converting enzyme 2 activity decreases anxiety-like behavior in male mice by activating central Mas receptors. Neuropharmacology, 2016, 105, 114-123.	2.0	91
54	Altered Inflammatory Response Is Associated With an Impaired Autonomic Input to the Bone Marrow in the Spontaneously Hypertensive Rat. Hypertension, 2014, 63, 542-550.	1.3	90

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55	ACE2 overexpression inhibits hypoxia-induced collagen production by cardiac fibroblasts. Clinical Science, 2007, 113, 357-364.	1.8	89
56	Intestinal Permeability Biomarker Zonulin is Elevated in Healthy Aging. Journal of the American Medical Directors Association, 2017, 18, 810.e1-810.e4.	1.2	89
57	Microglial Cells Impact Gut Microbiota and Gut Pathology in Angiotensin II-Induced Hypertension. Circulation Research, 2019, 124, 727-736.	2.0	89
58	Brain cytokines as neuromodulators in cardiovascular control. Clinical and Experimental Pharmacology and Physiology, 2010, 37, e52-7.	0.9	82
59	ACE2: A novel therapeutic target for cardiovascular diseases. Progress in Biophysics and Molecular Biology, 2006, 91, 163-198.	1.4	81
60	Angiotensin-Converting Enzyme 2 Activation Improves Endothelial Function. Hypertension, 2013, 61, 1233-1238.	1.3	80
61	Expression of Human ACE2 in Lactobacillus and Beneficial Effects in Diabetic Retinopathy in Mice. Molecular Therapy - Methods and Clinical Development, 2019, 14, 161-170.	1.8	78
62	Role of Phosphatidylinositol 3-Kinase in Angiotensin II Regulation of Norepinephrine Neuromodulation in Brain Neurons of the Spontaneously Hypertensive Rat. Journal of Neuroscience, 1999, 19, 2413-2423.	1.7	77
63	A current view of brain reninâ€“angiotensin system: Is the (pro)renin receptor the missing link?. , 2010, 125, 27-38.		77
64	Impaired Autonomic Nervous System-Microbiome Circuit in Hypertension. Circulation Research, 2019, 125, 104-116.	2.0	73
65	Direct Pro-Inflammatory Effects of Prorenin on Microglia. PLoS ONE, 2014, 9, e92937.	1.1	70
66	Upregulation of Angiotensin (1-7)-Mediated Signaling Preserves Endothelial Function Through Reducing Oxidative Stress in Diabetes. Antioxidants and Redox Signaling, 2015, 23, 880-892.	2.5	70
67	Oral administration of an angiotensin-converting enzyme 2 activator ameliorates diabetes-induced cardiac dysfunction. Regulatory Peptides, 2012, 177, 107-115.	1.9	69
68	Impact of antibiotics on arterial blood pressure in a patient with resistant hypertension â€" A case report. International Journal of Cardiology, 2015, 201, 157-158.	0.8	69
69	Insulin receptors in the brain: Structural and physiological characterization. Neurochemical Research, 1988, 13, 297-303.	1.6	68
70	Regulation of Neuromodulatory Actions of Angiotensin II in the Brain Neurons by the Ras-Dependent Mitogen-Activated Protein Kinase Pathway. Journal of Neuroscience, 1996, 16, 4047-4058.	1.7	67
71	Contributions of vascular inflammation in the brainstem for neurogenic hypertension. Respiratory Physiology and Neurobiology, 2011, 178, 422-428.	0.7	65
72	Characterization of a functional (pro)renin receptor in rat brain neurons. Experimental Physiology, 2008, 93, 701-708.	0.9	64

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73	Sustained Captoprilâ€Induced Reduction in Blood Pressure Is Associated With Alterations in Gutâ€Brain Axis in the Spontaneously Hypertensive Rat. Journal of the American Heart Association, 2019, 8, e010721.	1.6	63
74	Lentivirus-mediated overexpression of angiotensin-(1-7) attenuated ischaemia-induced cardiac pathophysiology. Experimental Physiology, 2011, 96, 863-874.	0.9	62
75	Insulin receptors and insulin action in dissociated brain cells. Brain Research, 1987, 417, 247-256.	1.1	61
76	SARS-CoV-2 Infections and ACE2: Clinical Outcomes Linked With Increased Morbidity and Mortality in Individuals With Diabetes. Diabetes, 2020, 69, 1875-1886.	0.3	61
77	New Cardiovascular and Pulmonary Therapeutic Strategies Based on the Angiotensin-Converting Enzyme 2/Angiotensin-(1â€“7)/Mas Receptor Axis. International Journal of Hypertension, 2012, 2012, 1-13.	0.5	59
78	ACE2 (Angiotensin-Converting Enzyme 2) in Cardiopulmonary Diseases. Hypertension, 2020, 76, 651-661.	1.3	57
79	Insulin inhibits specific norepinephrine uptake in neuronal cultures from rat brain. Brain Research, 1986, 398, 1-5.	1.1	55
80	Prevention of Cardiac Hypertrophy by Angiotensin II Type-2 Receptor Gene Transfer. Hypertension, 2004, 43, 1233-1238.	1.3	55
81	Brain-Mediated Dysregulation of the Bone Marrow Activity in Angiotensin IIâ€“Induced Hypertension. Hypertension, 2012, 60, 1316-1323.	1.3	55
82	Vasoreparative Dysfunction of CD34+ Cells in Diabetic Individuals Involves Hypoxic Desensitization and Impaired Autocrine/Paracrine Mechanisms. PLoS ONE, 2014, 9, e93965.	1.1	54
83	Angiotensin II Type 1 Receptor mRNA Levels in the Brains of Normotensive and Spontaneously Hypertensive Rats. Journal of Neurochemistry, 1993, 60, 1949-1952.	2.1	53
84	CNS Inflammation and Bone Marrow Neuropathy in Type 1 Diabetes. American Journal of Pathology, 2013, 183, 1608-1620.	1.9	53
85	Report of the National Heart, Lung, and Blood Institute Working Group on the Role of Microbiota in Blood Pressure Regulation. Hypertension, 2017, 70, 479-485.	1.3	53
86	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.	1.3	53
87	Effects of Insulin on Cultured Rat Brain Cells: Stimulation of Ornithine Decarboxylase Activity. Journal of Neurochemistry, 1981, 36, 1050-1057.	2.1	51
88	Angiotensin II Regulation of Proliferation, Differentiation, and Engraftment of Hematopoietic Stem Cells. Hypertension, 2016, 67, 574-584.	1.3	50
89	Angiotensin-converting enzyme 2 inhibits high-mobility group box 1 and attenuates cardiac dysfunction post-myocardial ischemia. Journal of Molecular Medicine, 2016, 94, 37-49.	1.7	50
90	Maternal Treatment With Captopril Persistently Alters Gut-Brain Communication and Attenuates Hypertension of Male Offspring. Hypertension, 2020, 75, 1315-1324.	1.3	50

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91	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.	1.0	49
92	Blood Pressureâ€“Independent Attenuation of Cardiac Hypertrophy by AT 1 R-AS Gene Therapy. Hypertension, 2002, 39, 969-975.	1.3	48
93	Adult-level insulin binding is present in term fetal rat CNS membranes. Brain Research, 1982, 249, 390-392.	1.1	47
94	Gut microbiota and serum metabolite differences in African Americans and White Americans with high blood pressure. International Journal of Cardiology, 2018, 271, 336-339.	0.8	47
95	Depression phenotype identified by using single nucleotide exact amplicon sequence variants of the human gut microbiome. Molecular Psychiatry, 2021, 26, 4277-4287.	4.1	46
96	Gut Microbiome and Neuroinflammation in Hypertension. Circulation Research, 2022, 130, 401-417.	2.0	46
97	Increased PI3-Kinase in Presympathetic Brain Areas of the Spontaneously Hypertensive Rat. Circulation Research, 2005, 96, 277-279.	2.0	45
98	Probiotic Bifidobacterium breve prevents DOCAâ€salt hypertension. FASEB Journal, 2020, 34, 13626-13640.	0.2	45
99	Butyrate Regulates COVID-19â€“Relevant Genes in Gut Epithelial Organoids From Normotensive Rats. Hypertension, 2021, 77, e13-e16.	1.3	45
100	Therapeutic potential of adipose stem cellâ€derived conditioned medium against pulmonary hypertension and lung fibrosis. British Journal of Pharmacology, 2016, 173, 2859-2879.	2.7	44
101	Chronotropic Action of Angiotensin II in Neurons via Protein Kinase C and CaMKII. Hypertension, 2002, 39, 562-566.	1.3	43
102	Cloning and characterization of a secreted form of angiotensin-converting enzyme 2. Regulatory Peptides, 2004, 122, 61-67.	1.9	43
103	Activation of angiotensin-converting enzyme 2/angiotensin-(1â€“7)/Mas axis attenuates the cardiac reactivity to acute emotional stress. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H1057-H1067.	1.5	43
104	Peptide receptors in astroglia: Focus on angiotensin II and atrial natriuretic peptide. Glia, 1994, 11, 110-116.	2.5	42
105	Insulin-like growth factor I (IGF-I) receptors and IGF-I action in oligodendrocytes from rat brains. Regulatory Peptides, 1991, 33, 117-131.	1.9	41
106	Targeting the Vasoprotective Axis of the Renin-Angiotensin System: A Novel Strategic Approach to Pulmonary Hypertensive Therapy. Current Hypertension Reports, 2010, 12, 212-219.	1.5	41
107	Neuroimmune communication in hypertension and obesity: A new therapeutic angle?. , 2013, 138, 428-440.		41
108	SMAD1 Deficiency in Either Endothelial or Smooth Muscle Cells Can Predispose Mice to Pulmonary Hypertension. Hypertension, 2013, 61, 1044-1052.	1.3	41

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109	Anti-hypertensive Effects of Diminazene Aceturate: An Angiotensin- Converting Enzyme 2 Activator in Rats. Protein and Peptide Letters, 2015, 23, 9-16.	0.4	41
110	Gut Pathology and Its Rescue by ACE2 (Angiotensin-Converting Enzyme 2) in Hypoxia-Induced Pulmonary Hypertension. Hypertension, 2020, 76, 206-216.	1.3	41
111	Insulin-Like Growth Factor I Receptor Binding in Brains of Alzheimer's and Alcoholic Patients. Journal of Neurochemistry, 1992, 58, 1205-1210.	2.1	40
112	ACE2/Ang-(1â€“7)/Mas axis stimulates vascular repair-relevant functions of CD34⁺cells. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1697-H1707.	1.5	40
113	Angiotensin II type 1 receptor-modulated signaling pathways in neurons. Molecular Neurobiology, 1999, 19, 25-41.	1.9	39
114	Functional Neuralâ€“Bone Marrow Pathways. Hypertension, 2014, 63, e129-39.	1.3	39
115	Losartan Versus Gene Therapy. Hypertension, 1997, 30, 363-370.	1.3	39
116	A Single Angiotensin II Hypertensive Stimulus Is Associated with Prolonged Neuronal and Immune System Activation in Wistar-Kyoto Rats. Frontiers in Physiology, 2017, 8, 592.	1.3	38
117	Coupling corticotropin-releasing-hormone and angiotensin converting enzyme 2 dampens stress responsiveness in male mice. Neuropharmacology, 2018, 133, 85-93.	2.0	38
118	Sustained Inhibition of Angiotensin Iâ€“Converting Enzyme (ACE) Expression and Long-Term Antihypertensive Action by Virally Mediated Delivery of ACE Antisense cDNA. Circulation Research, 1999, 85, 614-622.	2.0	37
119	Angiotensin-(1-7) as an antihypertensive, antifibrotic target. Current Hypertension Reports, 2008, 10, 227-232.	1.5	37
120	Diminazene aceturate improves autonomic modulation in pulmonary hypertension. European Journal of Pharmacology, 2013, 713, 89-93.	1.7	37
121	Gut Microbiota. Circulation Research, 2017, 120, 1724-1726.	2.0	36
122	Insulin and IGF-I stimulate phosphorylation of their respective receptors in intact neuronal and glial cells in primary culture. Journal of Molecular Neuroscience, 1989, 1, 3-8.	1.1	35
123	Angiotensin IV receptor-mediated activation of lung endothelial NOS is associated with vasorelaxation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 275, L1061-L1068.	1.3	34
124	Angiotensinâ€converting enzyme 2 as a novel target for gene therapy for hypertension. Experimental Physiology, 2005, 90, 299-305.	0.9	34
125	Involvement of Neuroinflammation in the Pathogenesis of Monocrotaline-Induced Pulmonary Hypertension. Hypertension, 2018, 71, 1156-1163.	1.3	34
126	At1Receptor Density Changes During Development of Hypertension in Hyperinsulinemic Rats. Clinical and Experimental Hypertension, 1996, 18, 793-810.	0.5	31

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127	Î±₁â€Adrenergic Receptorâ€Mediated Downregulation of Angiotensin II Receptors in Neuronal Cultures. Journal of Neurochemistry, 1986, 47, 1117-1126.	2.1	30
128	Shift to an Involvement of Phosphatidylinositol 3-Kinase in Angiotensin II Actions on Nucleus Tractus Solitarii Neurons of the Spontaneously Hypertensive Rat. Circulation Research, 2009, 105, 1248-1255.	2.0	30
129	Selective Silencing of Angiotensin Receptor Subtype 1a (AT 1a R) by RNA Interference. Hypertension, 2005, 45, 115-119.	1.3	29
130	Hypertension-linked mechanical changes of rat gut. Acta Biomaterialia, 2016, 45, 296-302.	4.1	29
131	Shifts in the Gut Microbiota Composition Due to Depleted Bone Marrow Beta Adrenergic Signaling Are Associated with Suppressed Inflammatory Transcriptional Networks in the Mouse Colon. Frontiers in Physiology, 2017, 8, 220.	1.3	28
132	MAP Kinaseâ€“Independent Signaling in Angiotensin II Regulation of Neuromodulation in SHR Neurons. Hypertension, 1998, 32, 473-481.	1.3	27
133	Elevated bone marrow sympathetic drive precedes systemic inflammation in angiotensin II hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H279-H289.	1.5	27
134	Potential of Gene Therapy Strategy for the Treatment of Hypertension. Hypertension, 2006, 47, 6-9.	1.3	26
135	Are we poised to target ACE2 for the next generation of antihypertensives?. Journal of Molecular Medicine, 2008, 86, 685-690.	1.7	26
136	Angiotensin-(1â€“7) Expressed From Lactobacillus Bacteria Protect Diabetic Retina in Mice. Translational Vision Science and Technology, 2020, 9, 20.	1.1	26
137	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.	2.1	25
138	Chronic activation of endogenous angiotensinâ€converting enzyme 2 protects diabetic rats from cardiovascular autonomic dysfunction. Experimental Physiology, 2012, 97, 699-709.	0.9	25
139	Pulmonary hypertension: Pathophysiology beyond the lung. Pharmacological Research, 2020, 151, 104518.	3.1	25
140	Lack of Cross Talk Between Î± ₁ -Adrenergic and Angiotensin Type 1 Receptors in Neurons of Spontaneously Hypertensive Rat Brain. Hypertension, 1996, 27, 1277-1283.	1.3	25
141	Characteristics of the Î²â€Adrenoreceptor from Neuronal and Glial Cells in Primary Cultures of Rat Brain. Journal of Neurochemistry, 1986, 47, 1318-1326.	2.1	24
142	Gene transfer of angiotensin-converting enzyme 2 in the nucleus tractus solitarius improves baroreceptor heart rate reflex in spontaneously hypertensive rats. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2011, 12, 456-461.	1.0	24
143	Dysfunctional Brain-bone Marrow Communication: A Paradigm Shift in the Pathophysiology of Hypertension. Current Hypertension Reports, 2013, 15, 377-389.	1.5	24
144	Report of the National Heart, Lung, and Blood Institute Working Group on Hypertension. Hypertension, 2020, 75, 902-917.	1.3	24

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145	Angiotensin Iâ€“Converting Enzyme Antisense Gene Therapy Causes Permanent Antihypertensive Effects in the SHR. Hypertension, 2000, 35, 202-208.	1.3	22
146	Hypertension-Linked Decrease in the Expression of Brain Î³-Adducin. Circulation Research, 2002, 91, 633-639.	2.0	22
147	Pulmonary arterial hypertension-associated changes in gut pathology and microbiota. ERJ Open Research, 2020, 6, 00253-2019.	1.1	22
148	Biosynthesis of Angiotensinogen and Angiotensins by Brain Cells in Primary Culture. Journal of Neurochemistry, 1988, 51, 398-405.	2.1	21
149	Angiotensin IIâ€“Induced Phosphorylation of the AT 1 Receptor From Rat Brain Neurons. Hypertension, 1997, 30, 351-357.	1.3	21
150	?2-Adrenergic Receptors in Neuronal and Glial Cultures: Characterization and Comparison. Journal of Neurochemistry, 1989, 53, 287-296.	2.1	20
151	Insulin-like Growth Factor I Receptors and IGF-I Actions in Neuronal Cultures from the Brain. Annals of the New York Academy of Sciences, 1993, 692, 89-101.	1.8	20
152	Diminazene enhances stability of atherosclerotic plaques in ApoE-deficient mice. Vascular Pharmacology, 2015, 74, 103-113.	1.0	20
153	Diminazene Protects Corpus Cavernosum Against Hypercholesterolemia-Induced Injury. Journal of Sexual Medicine, 2015, 12, 289-302.	0.3	20
154	Transcriptomic signature of gut microbiome-contacting cells in colon of spontaneously hypertensive rats. Physiological Genomics, 2020, 52, 121-132.	1.0	20
155	Gene Therapy for Cardiovascular Disorders. Is There a Future?. Annals of the New York Academy of Sciences, 2001, 953a, 31-42.	1.8	19
156	Area-Specific Differences in Transmitter Release in Central Catecholaminergic Neurons of Spontaneously Hypertensive Rats. Hypertension, 2008, 52, 351-358.	1.3	19
157	Functional heart recovery in an adult mammal, the spiny mouse. International Journal of Cardiology, 2021, 338, 196-203.	0.8	19
158	Identification of a Gut Commensal That Compromises the Blood Pressure-Lowering Effect of Ester Angiotensin-Converting Enzyme Inhibitors. Hypertension, 2022, 79, 1591-1601.	1.3	19
159	Development of brain insulin receptors. International Journal of Biochemistry & Cell Biology, 1988, 20, 225-230.	0.8	18
160	Increased expression of calreticulin is linked to ANG IV-mediated activation of lung endothelial NOS. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1999, 277, L794-L801.	1.3	18
161	Reversal of hypertension by angiotensin II type 1 receptor antisense gene therapy in the adult SHR. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H1260-H1264.	1.5	18
162	Functional genomics as an emerging strategy for the investigation of central mechanisms in experimental hypertension. Progress in Biophysics and Molecular Biology, 2004, 84, 107-123.	1.4	17

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163	Î±₁â€Adrenergic Receptors in Neuronal Cultures from Rat Brain: Increased Expression in the Spontaneously Hypertensive Rat. Journal of Neurochemistry, 1986, 47, 1190-1198.	2.1	17
164	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.	2.1	17
165	Angiotensin-converting enzyme 2 and COVID-19 in cardiorenal diseases. Clinical Science, 2021, 135, 1-17.	1.8	17
166	Therapeutic Potential of Systemic Gene Transfer Strategy for Hypertension and Cardiovascular Disease. , 2007, , 429-445.		17
167	Protein Kinase C Agonists Increase the Expression of Angiotensin II Receptors in Neuronal Cultures. Journal of Neurochemistry, 1987, 48, 1954-1961.	2.1	16
168	Metabolism of Angiotensin Peptides by Neuronal and Glial Cultures from Rat Brain. Journal of Neurochemistry, 1989, 52, 863-868.	2.1	16
169	Chemokine signaling axis between endothelial and myeloid cells regulates development of pulmonary hypertension associated with pulmonary fibrosis and hypoxia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L434-L444.	1.3	16
170	Response by Gheblawi et al to Letter Regarding Article, â€œAngiotensin-Converting Enzyme 2: SARS-CoV-2 Receptor and Regulator of the Renin-Angiotensin System: Celebrating the 20th Anniversary of the Discovery of ACE2â€. Circulation Research, 2020, 127, e46-e47.	2.0	16
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