

Srinivas Sriramula

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.

46
papers

3,126
citations

24
h-index

49
g-index

49
ext. papers

3,449
ext. citations

6.1
avg, IF

5.19
L-index

#	Paper	IF	Citations
46	Brain microglial cytokines in neurogenic hypertension. <i>Hypertension</i> , 2010 , 56, 297-303	8.5	289
45	Involvement of tumor necrosis factor-alpha in angiotensin II-mediated effects on salt appetite, hypertension, and cardiac hypertrophy. <i>Hypertension</i> , 2008 , 51, 1345-51	8.5	209
44	Evidence for angiotensin-converting enzyme 2 as a therapeutic target for the prevention of pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 1048-54	10.2	206
43	The angiotensin-converting enzyme 2/angiogenesis-(1-7)/Mas axis confers cardiopulmonary protection against lung fibrosis and pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 1065-72	10.2	204
42	ACE2/ANG-(1-7)/Mas pathway in the brain: the axis of good. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 300, R804-17	3.2	194
41	Angiotensin II mediates angiotensin converting enzyme type 2 internalization and degradation through an angiotensin II type I receptor-dependent mechanism. <i>Hypertension</i> , 2014 , 64, 1368-1375	8.5	173
40	NF-kappaB-induced oxidative stress contributes to mitochondrial and cardiac dysfunction in type II diabetes. <i>Cardiovascular Research</i> , 2010 , 85, 473-83	9.9	167
39	Brain nuclear factor-kappa B activation contributes to neurohumoral excitation in angiotensin II-induced hypertension. <i>Cardiovascular Research</i> , 2009 , 82, 503-12	9.9	167
38	HDAC inhibition attenuates inflammatory, hypertrophic, and hypertensive responses in spontaneously hypertensive rats. <i>Hypertension</i> , 2010 , 56, 437-44	8.5	154
37	ACE2 overexpression in the paraventricular nucleus attenuates angiotensin II-induced hypertension. <i>Cardiovascular Research</i> , 2011 , 92, 401-8	9.9	147
36	Prevention of pulmonary hypertension by Angiotensin-converting enzyme 2 gene transfer. <i>Hypertension</i> , 2009 , 54, 365-71	8.5	128
35	Brain angiotensin-converting enzyme type 2 shedding contributes to the development of neurogenic hypertension. <i>Circulation Research</i> , 2013 , 113, 1087-1096	15.7	127
34	Angiotensin II-induced hypertension is modulated by nuclear factor-B in the paraventricular nucleus. <i>Hypertension</i> , 2012 , 59, 113-21	8.5	125
33	TNF-alpha-induced mitochondrial oxidative stress and cardiac dysfunction: restoration by superoxide dismutase mimetic Tempol. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H2726-37	5.2	125
32	Clinical Relevance and Role of Neuronal AT Receptors in ADAM17-Mediated ACE2 Shedding in Neurogenic Hypertension. <i>Circulation Research</i> , 2017 , 121, 43-55	15.7	114
31	Inhibition of TNF in the brain reverses alterations in RAS components and attenuates angiotensin II-induced hypertension. <i>PLoS ONE</i> , 2013 , 8, e63847	3.7	103
30	Role of proinflammatory cytokines and redox homeostasis in exercise-induced delayed progression of hypertension in spontaneously hypertensive rats. <i>Hypertension</i> , 2009 , 54, 1393-400	8.5	68

29	Tumor Necrosis Factor - Alpha Is Essential for Angiotensin II-Induced Ventricular Remodeling: Role for Oxidative Stress. <i>PLoS ONE</i> , 2015 , 10, e0138372	3.7	60
28	Brain-targeted angiotensin-converting enzyme 2 overexpression attenuates neurogenic hypertension by inhibiting cyclooxygenase-mediated inflammation. <i>Hypertension</i> , 2015 , 65, 577-86	8.5	57
27	Species-specific inhibitor sensitivity of angiotensin-converting enzyme 2 (ACE2) and its implication for ACE2 activity assays. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 301, R1293-9	3.2	48
26	Central TNF inhibition results in attenuated neurohumoral excitation in heart failure: a role for superoxide and nitric oxide. <i>Basic Research in Cardiology</i> , 2011 , 106, 273-86	11.8	48
25	Comparative genomics of <i>Helicobacter pylori</i> isolates recovered from ulcer disease patients in England. <i>BMC Microbiology</i> , 2005 , 5, 32	4.5	36
24	Glutamatergic neurons of the paraventricular nucleus are critical contributors to the development of neurogenic hypertension. <i>Journal of Physiology</i> , 2018 , 596, 6235-6248	3.9	29
23	Brain ACE2 overexpression reduces DOCA-salt hypertension independently of endoplasmic reticulum stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 308, R370-8	3.2	28
22	Analysis of genomic downsizing on the basis of region-of-difference polymorphism profiling of <i>Mycobacterium tuberculosis</i> patient isolates reveals geographic partitioning. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 5978-82	9.7	23
21	Rapid identification of <i>Mycobacterium tuberculosis</i> Beijing genotypes on the basis of the mycobacterial interspersed repetitive unit locus 26 signature. <i>Journal of Clinical Microbiology</i> , 2006 , 44, 274-7	9.7	16
20	Kinin B1 Receptor Blockade Prevents Angiotensin II-induced Neuroinflammation and Oxidative Stress in Primary Hypothalamic Neurons. <i>Cellular and Molecular Neurobiology</i> , 2020 , 40, 845-857	4.6	15
19	Kinin B1 receptor: A target for neuroinflammation in hypertension. <i>Pharmacological Research</i> , 2020 , 155, 104715	10.2	13
18	Excessive Glutamate Stimulation Impairs ACE2 Activity Through ADAM17-Mediated Shedding in Cultured Cortical Neurons. <i>Cellular and Molecular Neurobiology</i> , 2018 , 38, 1235-1243	4.6	13
17	Kinin B1 Receptor Promotes Neurogenic Hypertension Through Activation of Centrally Mediated Mechanisms. <i>Hypertension</i> , 2017 , 70, 1122-1131	8.5	11
16	Aging influences cerebrovascular myogenic reactivity and BK channel function in a sex-specific manner. <i>Cardiovascular Research</i> , 2020 , 116, 1372-1385	9.9	9
15	Determining the Enzymatic Activity of Angiotensin-Converting Enzyme 2 (ACE2) in Brain Tissue and Cerebrospinal Fluid Using a Quenched Fluorescent Substrate. <i>Methods in Molecular Biology</i> , 2017 , 1527, 117-126	1.4	7
14	Activation of Kinin B1R Upregulates ADAM17 and Results in ACE2 Shedding in Neurons. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	4
13	Hypothalamic kinin B1 receptor mediates orexin system hyperactivity in neurogenic hypertension. <i>Scientific Reports</i> , 2021 , 11, 21050	4.9	3
12	The Actin Bundling Protein Fascin-1 as an ACE2-Accessory Protein. <i>Cellular and Molecular Neurobiology</i> , 2020 , 1	4.6	3

11	Abstract 79: Knockdown of ACE2 in the Paraventricular Nucleus Partially Reverses the Protective Effects of Brain ACE2 in DOCA-salt Hypertension. <i>Hypertension</i> , 2012 , 60,	8.5	1
10	ACE2 Shedding: A New Mechanism For Neurogenic Hypertension. <i>FASEB Journal</i> , 2012 , 26, 893.1	0.9	1
9	Kinin B1 Receptor Mediates Renal Injury and Remodeling in Hypertension.. <i>Frontiers in Medicine</i> , 2021 , 8, 780834	4.9	0
8	Loss of Function in Dopamine D3 Receptor Attenuates Left Ventricular Cardiac Fibroblast Migration and Proliferation. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 732282	5.4	0
7	Kinin B1R Activation Induces Endoplasmic Reticulum Stress in Primary Hypothalamic Neurons.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 841068	5.6	0
6	Age-Associated Changes in Cerebrovascular Function and BK Channel Function are Sex-Specific. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
5	Kinin B1 Receptor Knockdown Prevents DOCA-Salt Hypertension by Modulating Mitochondrial Oxidative Stress in the Brain. <i>FASEB Journal</i> , 2018 , 32, 732.5	0.9	
4	High Mobility Group Box 1 Neutralization in the Brain Prevents Inflammation, Sympathoexcitation and Hypertension. <i>FASEB Journal</i> , 2018 , 32, 599.2	0.9	
3	Kinin B1 Receptor Antagonism Attenuates DOCA-Salt Hypertension by Modulating Angiotensin II Signaling in the Brain. <i>FASEB Journal</i> , 2019 , 33, 850.8	0.9	
2	Increased ADAM17 Expression in ACE2 Knockout Mice is Associated with Increased Excitability of Paraventricular Nucleus Pre-sympathetic Neurons. <i>FASEB Journal</i> , 2015 , 29, 984.16	0.9	
1	Angiotensin converting enzyme 2 attenuates angiotensin II-mediated phosphorylation of MAP kinase and Akt in neurons. <i>FASEB Journal</i> , 2012 , 26, 703.21	0.9	