Christiane Becari

List of Publications by Year
in descending order

42 papers	690 citations	623188 14 h-index	580395 25 g-index
44 all docs	44 docs citations	44 times ranked	1063 citing authors

#	Article	IF	Citations
1	Inhibition of the reninâ€“angiotensin system prevents seizures in a rat model of epilepsy. Clinical Science, 2010, 119, 477-482.	1.8	64
2	Mitochondrial DNA and TLR9 activation contribute to SARS-CoV-2-induced endothelial cell damage. Vascular Pharmacology, 2022, 142, 106946.	1.0	59
3	MMP-2 and MMP-9 levels in plasma are altered and associated with mortality in COVID-19 patients. Biomedicine and Pharmacotherapy, 2021, 142, 112067.	2.5	54
4	Functional Local Renin-Angiotensin System in Human and Rat Periodontal Tissue. PLoS ONE, 2015, 10, e0134601.	1.1	47
5	Heparin prevents in vitro glycocalyx shedding induced by plasma from COVID-19 patients. Life Sciences, 2021, 276, 119376.	2.0	44
6	Angiotensin IIâ€“Independent Angiotensin-(1â€“7) Formation in Rat Hippocampus. Hypertension, 2013, 62, 879-885.	1.3	38
7	Characterization of a Local Reninâ€Angiotensin System in Rat Gingival Tissue. Journal of Periodontology, 2009, 80, 130-139.	1.7	37
8	Comparative Expression of Renin-Angiotensin Pathway Proteins in Visceral Versus Subcutaneous Fat. Frontiers in Physiology, 2018, 9, 1370.	1.3	37
9	Alternative pathways for angiotensin II generation in the cardiovascular system. Brazilian Journal of Medical and Biological Research, 2011, 44, 914-919.	0.7	34
10	Carotid sinus nerve electrical stimulation in conscious rats attenuates systemic inflammation via chemoreceptor activation. Scientific Reports, 2017, 7, 6265.	1.6	32
11	Pyridostigmine Restores Cardiac Autonomic Balance after Small Myocardial Infarction in Mice. PLoS ONE, 2014, 9, e104476.	1.1	29
12	Telomere Length and Risk of Major Adverse Cardiac Events and Cancer in Obstructive Sleep Apnea Patients. Cells, 2019, 8, 381.	1.8	25
13	Chronic Intermittent Hypoxia Triggers a Senescence-like Phenotype in Human White Preadipocytes. Scientific Reports, 2020, 10, 6846.	1.6	19
14	Epilepsy and hypertension: The possible link for sudden unexpected death in epilepsy?. Cardiology Journal, 2021, 28, 330-335.	0.5	17
15	Role of Elastase-2 as an Angiotensin II-Forming Enzyme in Rat Carotid Artery. Journal of Cardiovascular Pharmacology, 2005, 46, 498-504.	0.8	15
16	Angiotensin-converting enzyme inhibition augments the expression of rat elastase-2, an angiotensin II-forming enzyme. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H565-H570.	1.5	15
17	Ageing is the main determinant of haemodynamics and autonomic cardiac changes observed in post-menopausal female rats. Autonomic Neuroscience: Basic and Clinical, 2013, 174, 36-41.	1.4	15
18	Elastaseâ€2, an angiotensin IIâ€generating enzyme, contributes to increased angiotensin II in resistance arteries of mice with myocardial infarction. British Journal of Pharmacology, 2017, 174, 1104-1115.	2.7	12

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19	Moderate-to-severe obstructive sleep apnea is associated with telomere lengthening. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H1022-H1030.	1.5	11
20	Characterization of the Kallikrein-kinin System, Metalloproteinases, and Their Tissue Inhibitors in the In-stent Restenosis after Peripheral Percutaneous Angioplasty. Annals of Vascular Surgery, 2014, 28, 1005-1015.	0.4	10
21	Autonomic cardiocirculatory control in mice with reduced expression of the vesicular acetylcholine transporter. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H655-H662.	1.5	10
22	The Role of Interleukins and Inflammatory Markers in the Early Restenosis of Covered Stents in the Femoropopliteal Arterial Segment. Annals of Vascular Surgery, 2018, 50, 88-95.	0.4	9
23	Pyridostigmine prevents haemodynamic alterations but does not affect their nycthemeral oscillations in infarcted mice. Autonomic Neuroscience: Basic and Clinical, 2015, 187, 50-55.	1.4	8
24	Cardiac mast cell proteases do not contribute to the regulation of the rat coronary vascular responsiveness to arterial delivered angiotensin I and II. Vascular Pharmacology, 2010, 53, 22-27.	1.0	7
25	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.	1.3	7
26	A multilocus genetic risk score is associated with arterial stiffness in hypertensive patients. Journal of Hypertension, 2018, 36, 1882-1888.	0.3	6
27	Implementation and certification of ISO 9001:2015 seal in human tissue bank HCFMRP-USP. Cell and Tissue Banking, 2020, 21, 563-571.	0.5	6
28	Effect of methylene blue on hemodynamic and metabolic response in septic shock patients. Medicine (United States), 2022, 101, e28599.	0.4	6
29	The role of the kallikrein-kinin system, matrix metalloproteinases, and tissue inhibitors of metalloproteinases in the early restenosis of covered stents in the femoropopliteal arterial segment. Journal of Vascular Surgery, 2017, 65, 119-127.	0.6	4
30	Epilepsy Seizures in Spontaneously Hypertensive Rats After Acoustic Stimulation: Role of Reninâ€“Angiotensin System. Frontiers in Neuroscience, 2020, 14, 588477.	1.4	4
31	Elastase-2 Knockout Mice Display Anxiogenic- and Antidepressant-Like Phenotype: Putative Role for BDNF Metabolism in Prefrontal Cortex. Molecular Neurobiology, 2018, 55, 7062-7071.	1.9	3
32	Honeymoon Period in Newborn Rats With CDH Is Associated With Changes in the VEGF Signaling Pathway. Frontiers in Pediatrics, 2021, 9, 698217.	0.9	3
33	Abstract 420: Knockout Mice for Elastase-2, a Novel Angiotensin II Generating Enzyme, Displayed Reduced Sympathetic Modulation of Arterial Pressure and Heart Rate. Hypertension, 2013, 62, .	1.3	1
34	Impact of angiotensin-converting enzyme inhibition on hemodynamic and autonomic profile of elastase-2 knockout mice. Brazilian Journal of Medical and Biological Research, 2022, 55, e11774.	0.7	1
35	Indigo Carmine Hemodynamic Studies to Treat Vasoplegia Induced by Compound 48/80 in a Swine Model of Anaphylaxis. Brazilian Journal of Cardiovascular Surgery, 2022, 37, 20-28.	0.2	1
36	HYPERTENSION AND COVID-19: THE POSSIBLE ROLE OF METALLOPROTEINASE-9 IN COVID-19 PATHOPHYSIOLOGY. Journal of Hypertension, 2021, 39, e38.	0.3	0

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37	ELASTASE-2 KNOCKOUT IS ASSOCIATED WITH LESS SUSCEPTIBLE AORTA DILATION IN RESPONSE TO ANGIOTENSIN II STIMULATION IN THE MICE MODEL. Journal of Hypertension, 2021, 39, e352-e353.	0.3	0
38	CARDIOVASCULAR RISK PROFILE IN YOUNG PATIENTS WITH EPILEPSY. Journal of Hypertension, 2021, 39, e156.	0.3	0
39	Characterization of signaling pathways of Angiotensin Iâ€Converting Enzyme in mesangial cells of spontaneously hypertensive rats (SHR). FASEB Journal, 2011, 25, 1088.3.	0.2	0
40	Autonomic dysregulation in a genetically modified mouse with reduced expression of the vesicular acetylcholine transporter (VAChT KDHOM). FASEB Journal, 2013, 27, 928.11.	0.2	0
41	ALTERNATIVE PATHWAY TO ANGIOTENSIN CONVERTING ENZYME (ACE) FOR ANGIOTENSIN II GENERATION IN MOUSE MESENTERIC ARTERY. FASEB Journal, 2013, 27, 1119.3.	0.2	0
42	Abstract 458: The Baroreflex Modulates The Anti-inflammatory Response Caused By Intravenous Lipopolysaccharide (lps). Hypertension, 2014, 64, .	1.3	0