

Elen Rizzi

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.

44
papers

1,392
citations

22
h-index

37
g-index

45
ext. papers

1,501
ext. citations

5.1
avg, IF

3.98
L-index

#	Paper	IF	Citations
44	Metalloproteinase inhibition ameliorates hypertension and prevents vascular dysfunction and remodeling in renovascular hypertensive rats. <i>Atherosclerosis</i> , 2008 , 198, 320-31	3.1	155
43	Antioxidant treatment reduces matrix metalloproteinase-2-induced vascular changes in renovascular hypertension. <i>Free Radical Biology and Medicine</i> , 2009 , 46, 1298-307	7.8	134
42	Imbalance between matrix metalloproteinases and tissue inhibitor of metalloproteinases in hypertensive vascular remodeling. <i>Matrix Biology</i> , 2010 , 29, 194-201	11.4	94
41	Spirolactone and hydrochlorothiazide exert antioxidant effects and reduce vascular matrix metalloproteinase-2 activity and expression in a model of renovascular hypertension. <i>British Journal of Pharmacology</i> , 2010 , 160, 77-87	8.6	75
40	Atorvastatin enhances sildenafil-induced vasodilation through nitric oxide-mediated mechanisms. <i>European Journal of Pharmacology</i> , 2004 , 498, 189-94	5.3	57
39	Matrix metalloproteinase inhibition improves cardiac dysfunction and remodeling in 2-kidney, 1-clip hypertension. <i>Journal of Cardiac Failure</i> , 2010 , 16, 599-608	3.3	56
38	Time course involvement of matrix metalloproteinases in the vascular alterations of renovascular hypertension. <i>Matrix Biology</i> , 2012 , 31, 261-70	11.4	52
37	Nebivolol attenuates prooxidant and profibrotic mechanisms involving TGF- β and MMPs, and decreases vascular remodeling in renovascular hypertension. <i>Free Radical Biology and Medicine</i> , 2013 , 65, 47-56	7.8	51
36	Doxycycline ameliorates 2K-1C hypertension-induced vascular dysfunction in rats by attenuating oxidative stress and improving nitric oxide bioavailability. <i>Nitric Oxide - Biology and Chemistry</i> , 2012 , 26, 162-8	5	51
35	Doxycycline dose-dependently inhibits MMP-2-mediated vascular changes in 2K1C hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011 , 108, 318-25	3.1	42
34	Temporal changes in cardiac matrix metalloproteinase activity, oxidative stress, and TGF- β in renovascular hypertension-induced cardiac hypertrophy. <i>Experimental and Molecular Pathology</i> , 2013 , 94, 1-9	4.4	41
33	Metalloproteinase inhibition protects against cardiomyocyte injury during experimental acute pulmonary thromboembolism. <i>Critical Care Medicine</i> , 2011 , 39, 349-56	1.4	41
32	Lercanidipine reduces matrix metalloproteinase-2 activity and reverses vascular dysfunction in renovascular hypertensive rats. <i>European Journal of Pharmacology</i> , 2008 , 591, 224-30	5.3	41
31	Tempol inhibits TGF- β and MMPs upregulation and prevents cardiac hypertensive changes. <i>International Journal of Cardiology</i> , 2013 , 165, 165-73	3.2	39
30	Pyrrolidine dithiocarbamate down-regulates vascular matrix metalloproteinases and ameliorates vascular dysfunction and remodelling in renovascular hypertension. <i>British Journal of Pharmacology</i> , 2011 , 164, 372-81	8.6	36
29	β -Adrenergic blockers exert antioxidant effects, reduce matrix metalloproteinase activity, and improve renovascular hypertension-induced cardiac hypertrophy. <i>Free Radical Biology and Medicine</i> , 2014 , 73, 308-17	7.8	32
28	Antioxidant effect of doxycycline decreases MMP activity and blood pressure in SHR. <i>Molecular and Cellular Biochemistry</i> , 2014 , 386, 99-105	4.2	31

27	Contrasting effects of aliskiren versus losartan on hypertensive vascular remodeling. <i>International Journal of Cardiology</i> , 2013 , 167, 1199-205	3.2	31
26	Atorvastatin and sildenafil lower blood pressure and improve endothelial dysfunction, but only atorvastatin increases vascular stores of nitric oxide in hypertension. <i>Redox Biology</i> , 2013 , 1, 578-85	11.3	28
25	Lercanidipine decreases vascular matrix metalloproteinase-2 activity and protects against vascular dysfunction in diabetic rats. <i>European Journal of Pharmacology</i> , 2008 , 599, 110-6	5.3	27
24	Atorvastatin and sildenafil decrease vascular TGF- β levels and MMP-2 activity and ameliorate arterial remodeling in a model of renovascular hypertension. <i>Redox Biology</i> , 2015 , 6, 386-395	11.3	26
23	Comparative study on antioxidant effects and vascular matrix metalloproteinase-2 downregulation by dihydropyridines in renovascular hypertension. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011 , 383, 35-44	3.4	25
22	The Nuclear Factor kappaB Inhibitor Pyrrolidine Dithiocarbamate Prevents Cardiac Remodelling and Matrix Metalloproteinase-2 Up-Regulation in Renovascular Hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015 , 117, 234-41	3.1	22
21	Combining two potential causes of metalloproteinase secretion causes abdominal aortic aneurysms in rats: a new experimental model. <i>International Journal of Experimental Pathology</i> , 2011 , 92, 26-39	2.8	20
20	Evidence of early involvement of matrix metalloproteinase-2 in lead-induced hypertension. <i>Archives of Toxicology</i> , 2009 , 83, 439-49	5.8	19
19	Nitrite exerts antioxidant effects, inhibits the mTOR pathway and reverses hypertension-induced cardiac hypertrophy. <i>Free Radical Biology and Medicine</i> , 2018 , 120, 25-32	7.8	18
18	Matrix metalloproteinase-2-induced epidermal growth factor receptor transactivation impairs redox balance in vascular smooth muscle cells and facilitates vascular contraction. <i>Redox Biology</i> , 2018 , 18, 181-190	11.3	18
17	Nitrite treatment downregulates vascular MMP-2 activity and inhibits vascular remodeling in hypertension independently of its antihypertensive effects. <i>Free Radical Biology and Medicine</i> , 2019 , 130, 234-243	7.8	18
16	Antioxidant treatment protects against matrix metalloproteinase activation and cardiomyocyte injury during acute pulmonary thromboembolism. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012 , 385, 685-96	3.4	17
15	Expression of MMP-2 and MMP-9 in the rat trigeminal ganglion during the development of temporomandibular joint inflammation. <i>Brazilian Journal of Medical and Biological Research</i> , 2013 , 46, 956-967	2.8	17
14	Interference of doxycycline pretreatment in a model of abdominal aortic aneurysms. <i>Cardiovascular Pathology</i> , 2015 , 24, 110-20	3.8	13
13	Zymographic and ultrastructural evaluations after low-level laser irradiation on masseter muscle of HRS/J strain mice. <i>Lasers in Medical Science</i> , 2013 , 28, 777-83	3.1	10
12	Matrix metalloproteinase inhibition attenuates right ventricular dysfunction and improves responses to dobutamine during acute pulmonary thromboembolism. <i>Journal of Cellular and Molecular Medicine</i> , 2013 , 17, 1588-97	5.6	10
11	Direct renin inhibition is not enough to prevent reactive oxygen species generation and vascular dysfunction in renovascular hypertension. <i>European Journal of Pharmacology</i> , 2018 , 821, 97-104	5.3	9
10	Reductions of Circulating Nitric Oxide are Followed by Hypertension during Pregnancy and Increased Activity of Matrix Metalloproteinases-2 and -9 in Rats. <i>Cells</i> , 2019 , 8,	7.9	9

9	TNF- α inhibition decreases MMP-2 activity, reactive oxygen species formation and improves hypertensive vascular hypertrophy independent of its effects on blood pressure. <i>Biochemical Pharmacology</i> , 2020 , 180, 114121	6	7
8	Recombinant human matrix metalloproteinase-2 impairs cardiovascular β adrenergic responses. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013 , 112, 103-9	3.1	6
7	Hypertension, augmented activity of matrix metalloproteinases-2 and -9 and angiogenic imbalance in hypertensive pregnancy are attenuated by doxycycline. <i>European Journal of Pharmacology</i> , 2018 , 840, 60-69	5.3	5
6	Signaling Pathways of Cardiac Remodeling Related to Angiotensin II 2017 ,		4
5	Cellular and Molecular Response of Macrophages THP-1 during Co-Culture with Inactive Conidia. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6,	5.6	4
4	Atorvastatin, sildenafil and their combination down-regulate matrix metalloproteinases (MMPs) in 2K1C hypertension. <i>FASEB Journal</i> , 2012 , 26, 872.9	0.9	
3	Doxycycline does not reverse structural observed in SHR aortas. <i>FASEB Journal</i> , 2013 , 27, lb610	0.9	
2	2K-1C Hypertensive Rats Treated With Tempol Show Decreased MMP-2 Activity Possibly Due To Oxidative Stress Blockage. <i>FASEB Journal</i> , 2013 , 27, lb609	0.9	
1	Resveratrol Supplants Captopril's Protective Effect on Cardiac Remodeling in a Hypertension Model Elicited by Renal Artery Stenosis.. <i>Yale Journal of Biology and Medicine</i> , 2022 , 95, 57-69	2.4	