

# Elen Rizzi

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,630  
citations

257357

24  
h-index

302012

39  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1559  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metalloproteinase inhibition ameliorates hypertension and prevents vascular dysfunction and remodeling in renovascular hypertensive rats. <i>Atherosclerosis</i> , 2008, 198, 320-331.	0.4	170
2	Antioxidant treatment reduces matrix metalloproteinase-2-induced vascular changes in renovascular hypertension. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1298-1307.	1.3	143
3	Imbalance between matrix metalloproteinases and tissue inhibitor of metalloproteinases in hypertensive vascular remodeling. <i>Matrix Biology</i> , 2010, 29, 194-201.	1.5	100
4	Spironolactone 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.	2.7	86
5	Matrix Metalloproteinase Inhibition Improves Cardiac Dysfunction and Remodeling in 2-Kidney, 1-Clip Hypertension. <i>Journal of Cardiac Failure</i> , 2010, 16, 599-608.	0.7	67
6	Atorvastatin enhances sildenafil-induced vasodilation through nitric oxide-mediated mechanisms. <i>European Journal of Pharmacology</i> , 2004, 498, 189-194.	1.7	62
7	Time course involvement of matrix metalloproteinases in the vascular alterations of renovascular hypertension. <i>Matrix Biology</i> , 2012, 31, 261-270.	1.5	62
8	Nebivolol attenuates prooxidant and profibrotic mechanisms involving TGF- $\beta$ 2 and MMPs, and decreases vascular remodeling in renovascular hypertension. <i>Free Radical Biology and Medicine</i> , 2013, 65, 47-56.	1.3	61
9	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, 162-168.	1.2	60
10	Temporal changes in cardiac matrix metalloproteinase activity, oxidative stress, and TGF- $\beta$ 2 in renovascular hypertension-induced cardiac hypertrophy. <i>Experimental and Molecular Pathology</i> , 2013, 94, 1-9.	0.9	51
11	Doxycycline Dose-dependently Inhibits MMP-2-Mediated Vascular Changes in 2K1C Hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 108, 318-325.	1.2	48
12	Lercanidipine reduces matrix metalloproteinase-2 activity and reverses vascular dysfunction in renovascular hypertensive rats. <i>European Journal of Pharmacology</i> , 2008, 591, 224-230.	1.7	47
13	Metalloproteinase inhibition protects against cardiomyocyte injury during experimental acute pulmonary thromboembolism*. <i>Critical Care Medicine</i> , 2011, 39, 349-356.	0.4	47
14	Tempol inhibits TGF- $\beta$ 2 and MMPs upregulation and prevents cardiac hypertensive changes. <i>International Journal of Cardiology</i> , 2013, 165, 165-173.	0.8	45
15	Pyrrolidine dithiocarbamate down-regulates vascular matrix metalloproteinases and ameliorates vascular dysfunction and remodelling in renovascular hypertension. <i>British Journal of Pharmacology</i> , 2011, 164, 372-381.	2.7	37
16	Antioxidant effect of doxycycline decreases MMP activity and blood pressure in SHR. <i>Molecular and Cellular Biochemistry</i> , 2014, 386, 99-105.	1.4	37
17	$\beta$ 1-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, 308-317.	1.3	37
18	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, 578-585.	3.9	34

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19	Contrasting effects of aliskiren versus losartan on hypertensive vascular remodeling. <i>International Journal of Cardiology</i> , 2013, 167, 1199-1205.	0.8	32
20	Lercanidipine decreases vascular matrix metalloproteinase-2 activity and protects against vascular dysfunction in diabetic rats. <i>European Journal of Pharmacology</i> , 2008, 599, 110-116.	1.7	30
21	Atorvastatin and sildenafil decrease vascular TGF- $\beta^2$ levels and MMP-2 activity and ameliorate arterial remodeling in a model of renovascular hypertension. <i>Redox Biology</i> , 2015, 6, 386-395.	3.9	30
22	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.	1.4	29
23	The Nuclear Factor $\kappa$ B 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, 234-241.	1.2	28
24	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.	3.9	27
25	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.	0.6	25
26	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.	0.7	24
27	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.	1.3	24
28	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.	1.3	24
29	Evidence of early involvement of matrix metalloproteinase-2 in lead-induced hypertension. <i>Archives of Toxicology</i> , 2009, 83, 439-449.	1.9	22
30	Antioxidant treatment protects against matrix metalloproteinase activation and cardiomyocyte injury during acute pulmonary thromboembolism. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 685-696.	1.4	20
31	Interference of doxycycline pretreatment in a model of abdominal aortic aneurysms. <i>Cardiovascular Pathology</i> , 2015, 24, 110-120.	0.7	19
32	TNF- $\alpha$ 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.	2.0	17
33	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, 1402.	1.8	16
34	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, 777-783.	1.0	13
35	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, 1588-1597.	1.6	13
36	Cellular and Molecular Response of Macrophages THP-1 during Co-Culture with Inactive <i>Trichophyton rubrum</i> Conidia. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 363.	1.5	11

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37	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.	1.7	10
38	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.	1.7	9
39	Signaling Pathways of Cardiac Remodeling Related to Angiotensin II. , 0, , .		7
40	Recombinant Human Matrix Metalloproteinase-2 Impairs Cardiovascular $\beta$ -Adrenergic Responses. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013, 112, 103-109.	1.2	6
41	Atorvastatin, sildenafil and their combination downregulate matrix metalloproteinases (MMPs) in 2K1C hypertension. <i>FASEB Journal</i> , 2012, 26, 872.9.	0.2	0
42	Doxycycline does not reverse structural observed in SHR aortas. <i>FASEB Journal</i> , 2013, 27, lb610.	0.2	0
43	2K1C Hypertensive Rats Treated With Tempol Show Decreased MMP-2 Activity Possibly Due To Oxidative Stress Blockage. <i>FASEB Journal</i> , 2013, 27, lb609.	0.2	0
44	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.	0.2	0