

# Damiano Rizzoni

## List of Publications by Year in descending order

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110  
papers

6,075  
citations

81900

39  
h-index

74163

75  
g-index

111  
all docs

111  
docs citations

111  
times ranked

7840  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tocilizumab for the treatment of severe COVID-19 pneumonia with hyperinflammatory syndrome and acute respiratory failure: A single center study of 100 patients in Brescia, Italy. <i>Autoimmunity Reviews</i> , 2020, 19, 102568.	5.8	637
2	Prognostic Significance of Small-Artery Structure in Hypertension. <i>Circulation</i> , 2003, 108, 2230-2235.	1.6	455
3	Age and Multimorbidity Predict Death Among COVID-19 Patients. <i>Hypertension</i> , 2020, 76, 366-372.	2.7	330
4	Left Ventricular Concentric Geometry During Treatment Adversely Affects Cardiovascular Prognosis in Hypertensive Patients. <i>Hypertension</i> , 2004, 43, 731-738.	2.7	284
5	Structural Alterations in Subcutaneous Small Arteries of Normotensive and Hypertensive Patients With Non-Insulin-Dependent Diabetes Mellitus. <i>Circulation</i> , 2001, 103, 1238-1244.	1.6	281
6	Vascular Remodeling and Duration of Hypertension Predict Outcome of Adrenalectomy in Primary Aldosteronism Patients. <i>Hypertension</i> , 2008, 51, 1366-1371.	2.7	197
7	Vascular Hypertrophy and Remodeling in Secondary Hypertension. <i>Hypertension</i> , 1996, 28, 785-790.	2.7	189
8	Small artery structure and hypertension: adaptive changes and target organ damage. <i>Journal of Hypertension</i> , 2005, 23, 247-250.	0.5	161
9	Relationships between coronary flow vasodilator capacity and small artery remodelling in hypertensive patients. <i>Journal of Hypertension</i> , 2003, 21, 625-631.	0.5	159
10	Structural Alterations of Subcutaneous Small-Resistance Arteries May Predict Major Cardiovascular Events in Patients With Hypertension. <i>American Journal of Hypertension</i> , 2007, 20, 846-852.	2.0	128
11	Effect of Treatment With Candesartan or Enalapril on Subcutaneous Small Artery Structure in Hypertensive Patients With Noninsulin-Dependent Diabetes Mellitus. <i>Hypertension</i> , 2005, 45, 659-665.	2.7	111
12	Cellular Hypertrophy in Subcutaneous Small Arteries of Patients With Renovascular Hypertension. <i>Hypertension</i> , 2000, 35, 931-935.	2.7	100
13	Effects of antihypertensive treatment on small artery remodelling. <i>Journal of Hypertension</i> , 2009, 27, 1107-1114.	0.5	100
14	Endothelial Dysfunction in Hypertension Is Independent From the Etiology and From Vascular Structure. <i>Hypertension</i> , 1998, 31, 335-341.	2.7	93
15	Effect of Treatment on Flow-Dependent Vasodilation of the Brachial Artery in Essential Hypertension. <i>Hypertension</i> , 1999, 33, 575-580.	2.7	92
16	Vascular Structural and Functional Alterations Before and After the Development of Hypertension in SHR. <i>American Journal of Hypertension</i> , 1994, 7, 193-200.	2.0	89
17	Pulsatile Hemodynamics and Microcirculation. <i>Hypertension</i> , 2013, 61, 130-136.	2.7	86
18	Relationship between media-to-lumen ratio of subcutaneous small arteries and wall-to-lumen ratio of retinal arterioles evaluated noninvasively by scanning laser Doppler flowmetry. <i>Journal of Hypertension</i> , 2012, 30, 1169-1175.	0.5	85

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19	Changes in Extracellular Matrix in Subcutaneous Small Resistance Arteries of Patients with Primary Aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 2638-2642.	3.6	84
20	Altered structure of small cerebral arteries in patients with essential hypertension. <i>Journal of Hypertension</i> , 2009, 27, 838-845.	0.5	84
21	Prognostic role of flow-mediated dilatation of the brachial artery in hypertensive patients. <i>Journal of Hypertension</i> , 2008, 26, 1612-1618.	0.5	83
22	Structural abnormalities of small resistance arteries in essential hypertension. <i>Internal and Emergency Medicine</i> , 2012, 7, 205-212.	2.0	74
23	Assessment and pathophysiology of microvascular disease: recent progress and clinical implications. <i>European Heart Journal</i> , 2021, 42, 2590-2604.	2.2	74
24	Effects of Weight Loss on Structural and Functional Alterations of Subcutaneous Small Arteries in Obese Patients. <i>Hypertension</i> , 2011, 58, 29-36.	2.7	72
25	Early use of low dose tocilizumab in patients with COVID-19: A retrospective cohort study with a complete follow-up. <i>EClinicalMedicine</i> , 2020, 25, 100459.	7.1	61
26	Acromegalic Patients Show the Presence of Hypertrophic Remodeling of Subcutaneous Small Resistance Arteries. <i>Hypertension</i> , 2004, 43, 561-565.	2.7	60
27	Small artery remodeling in hypertension and diabetes. <i>Current Hypertension Reports</i> , 2006, 8, 90-95.	3.5	60
28	Relationship of Wall-to-Lumen Ratio of Retinal Arterioles With Clinic and 24-Hour Blood Pressure. <i>Hypertension</i> , 2014, 63, 1110-1115.	2.7	59
29	Effects of Low and High Doses of Fosinopril on the Structure and Function of Resistance Arteries. <i>Hypertension</i> , 1995, 26, 118-123.	2.7	59
30	Microvascular structure as a prognostically relevant endpoint. <i>Journal of Hypertension</i> , 2017, 35, 914-921.	0.5	54
31	How important is blood pressure variability?. <i>European Heart Journal Supplements</i> , 2020, 22, E1-E6.	0.1	54
32	Evaluation of microvascular structure in humans. <i>Journal of Hypertension</i> , 2014, 32, 2120-2129.	0.5	53
33	Immunohistochemical evaluation of microvascular rarefaction in hypertensive humans and in spontaneously hypertensive rats. <i>Clinical Hemorheology and Microcirculation</i> , 2009, 42, 259-268.	1.7	52
34	Gender differences in predictors of intensive care units admission among COVID-19 patients: The results of the SARS-RAS study of the Italian Society of Hypertension. <i>PLoS ONE</i> , 2020, 15, e0237297.	2.5	51
35	Optical coherence tomography angiography and arterial hypertension: A role in identifying subclinical microvascular damage?. <i>European Journal of Ophthalmology</i> , 2021, 31, 158-165.	1.3	50
36	Vascular remodeling, macro- and microvessels: Therapeutic implications. <i>Blood Pressure</i> , 2009, 18, 242-246.	1.5	48

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37	Anticontractile activity of perivascular fat in obese mice and the effect of long-term treatment with melatonin. <i>Journal of Hypertension</i> , 2014, 32, 1264-1274.	0.5	44
38	Morning rise of blood pressure and subcutaneous small resistance artery structure. <i>Journal of Hypertension</i> , 2007, 25, 1698-1703.	0.5	43
39	Vascular Aging and Disease of the Small Vessels. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2019, 26, 183-189.	2.2	42
40	Microcirculation and Macrocirculation in Hypertension: A Dangerous Cross-Link?. <i>Hypertension</i> , 2022, 79, 479-490.	2.7	41
41	Hypertrophic Remodeling of Subcutaneous Small Resistance Arteries in Patients with Cushing's Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 5010-5018.	3.6	40
42	How to Assess Microvascular Structure in Humans. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2011, 18, 169-177.	2.2	39
43	Effect of antihypertensive treatment on microvascular structure, central blood pressure and oxidative stress in patients with mild essential hypertension. <i>Journal of Hypertension</i> , 2014, 32, 565-574.	0.5	38
44	Circulating endothelial progenitor cells, microvascular density and fibrosis in obesity before and after bariatric surgery. <i>Blood Pressure</i> , 2013, 22, 165-172.	1.5	37
45	Modulation of Vascular Reactivity by Perivascular Adipose Tissue (PVAT). <i>Current Hypertension Reports</i> , 2018, 20, 44.	3.5	37
46	Adrenergic mechanisms and remodeling of subcutaneous small resistance arteries in humans. <i>Journal of Hypertension</i> , 2003, 21, 2345-2352.	0.5	36
47	New Methods to Study the Microcirculation. <i>American Journal of Hypertension</i> , 2018, 31, 265-273.	2.0	35
48	Unattended Versus Attended Blood Pressure Measurement. <i>Hypertension</i> , 2019, 73, 736-742.	2.7	33
49	Hemodynamic Consequences of Changes in Microvascular Structure. <i>American Journal of Hypertension</i> , 2017, 30, 939-946.	2.0	31
50	Comparison between invasive and noninvasive techniques of evaluation of microvascular structural alterations. <i>Journal of Hypertension</i> , 2018, 36, 1154-1163.	0.5	31
51	Immune System and Microvascular Remodeling in Humans. <i>Hypertension</i> , 2022, 79, 691-705.	2.7	30
52	Unattended versus attended blood pressure measurement: Mean values and determinants of the difference. <i>International Journal of Cardiology</i> , 2019, 274, 305-310.	1.7	26
53	Effects of olmesartan and enalapril at low or high doses on cardiac, renal and vascular interstitial matrix in spontaneously hypertensive rats. <i>Blood Pressure</i> , 2005, 14, 184-192.	1.5	25
54	Effects of a Long-Term Treatment With Aliskiren or Ramipril on Structural Alterations of Subcutaneous Small-Resistance Arteries of Diabetic Hypertensive Patients. <i>Hypertension</i> , 2014, 64, 717-724.	2.7	25

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55	Management of VEGF-Targeted Therapy-Induced Hypertension. <i>Current Hypertension Reports</i> , 2018, 20, 68.	3.5	25
56	Prolonged Effects of Short-Term Fosinopril on Blood Pressure and Vascular Morphology and Function in Rats. <i>American Journal of Hypertension</i> , 1997, 10, 1034-1043.	2.0	24
57	Blockade of the renin-angiotensin system in small arteries and anticontractile function of perivascular adipose tissue. <i>Journal of Hypertension</i> , 2015, 33, 1039-1045.	0.5	24
58	Prognostic factors and predictors of outcome in patients with COVID-19 and related pneumonia: a retrospective cohort study. <i>Bioscience Reports</i> , 2020, 40, .	2.4	24
59	Angiotensin receptor blockers improve insulin signaling and prevent microvascular rarefaction in the skeletal muscle of spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2008, 26, 1595-1601.	0.5	23
60	Co-infection of chlamydia pneumoniae and mycoplasma pneumoniae with SARS-CoV-2 is associated with more severe features. <i>Journal of Infection</i> , 2021, 82, e4-e7.	3.3	23
61	Bradykinin and matrix metalloproteinases are involved the structural alterations of rat small resistance arteries with inhibition of ACE and NEP. <i>Journal of Hypertension</i> , 2004, 22, 759-766.	0.5	22
62	Age- and Sex-Specific Reference Values for Media/Lumen Ratio in Small Arteries and Relationship With Risk Factors. <i>Hypertension</i> , 2018, 71, 1193-1200.	2.7	22
63	Decreased circulating T regulatory lymphocytes in obese patients undergoing bariatric surgery. <i>PLoS ONE</i> , 2018, 13, e0197178.	2.5	22
64	Lack of prognostic role of endothelial dysfunction in subcutaneous small resistance arteries of hypertensive patients. <i>Journal of Hypertension</i> , 2006, 24, 867-873.	0.5	21
65	Relationship Between Different Subpopulations of Circulating CD4+ T-lymphocytes and Microvascular Structural Alterations in Humans. <i>American Journal of Hypertension</i> , 2017, 30, 51-60.	2.0	21
66	Acromegalic Patients Show the Presence of Hypertrophic Remodeling of Subcutaneous Small Resistance Arteries. <i>Hypertension</i> , 2004, 43, 561-565.	2.7	21
67	New Noninvasive Methods to Evaluate Microvascular Structure and Function. <i>Hypertension</i> , 2022, 79, 874-886.	2.7	21
68	Effects of Losartan and Enalapril at Different Doses on Cardiac and Renal Interstitial Matrix in Spontaneously Hypertensive Rats. <i>Clinical and Experimental Hypertension</i> , 2003, 25, 427-441.	1.3	20
69	The Effects of Hypertension on the Structure of Human Resistance Vessels. , 2007, , 579-589.		20
70	Regression of Small Resistance Artery Structural Alterations in Hypertension by Appropriate Antihypertensive Treatment. <i>Current Hypertension Reports</i> , 2010, 12, 80-85.	3.5	20
71	The importance of endothelial dysfunction in resistance artery remodelling and cardiovascular risk. <i>Cardiovascular Research</i> , 2019, 116, 429-437.	3.8	20
72	Determinants of healing among patients with coronavirus disease 2019: the results of the SARS-RAS study of the Italian Society of Hypertension. <i>Journal of Hypertension</i> , 2021, 39, 376-380.	0.5	20

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73	Endothelial factors in the pathogenesis and treatment of chronic kidney disease Part I. Journal of Hypertension, 2018, 36, 451-461.	0.5	19
74	Structural Alterations in Small Resistance Arteries in Obesity. Basic and Clinical Pharmacology and Toxicology, 2012, 110, 56-62.	2.5	18
75	Cerebral small-resistance artery structure and cerebral blood flow in normotensive subjects and hypertensive patients. Neuroradiology, 2014, 56, 1103-1111.	2.2	18
76	Short-Term Consequences of SARS-CoV-2-Related Pneumonia: A Follow Up Study. High Blood Pressure and Cardiovascular Prevention, 2021, 28, 373-381.	2.2	18
77	Comparison of the characteristics, morbidity and mortality of COVID-19 between first and second/third wave in a hospital setting in Lombardy: a retrospective cohort study. Internal and Emergency Medicine, 2022, 17, 1941-1949.	2.0	17
78	Effect of antihypertensive treatment on circulating endothelial progenitor cells in patients with mild essential hypertension. Blood Pressure, 2011, 20, 77-83.	1.5	15
79	Interactions Between Macro- and Micro-Circulation: Are They Relevant?. High Blood Pressure and Cardiovascular Prevention, 2015, 22, 119-128.	2.2	14
80	Determinants of the structure of resistance-sized arteries in hypertensive patients. Blood Pressure, 2008, 17, 204-211.	1.5	13
81	Changes in extracellular matrix in subcutaneous small resistance arteries of patients with essential hypertension. Blood Pressure, 2018, 27, 231-239.	1.5	12
82	The Complex Relationship Between Serum Uric Acid, Endothelial Function and Small Vessel Remodeling in Humans. Journal of Clinical Medicine, 2020, 9, 2027.	2.4	12
83	Comparison of lercanidipine plus hydrochlorothiazide vs. lercanidipine plus enalapril on micro and macrocirculation in patients with mild essential hypertension. Internal and Emergency Medicine, 2017, 12, 963-974.	2.0	12
84	Effect of antihypertensive treatment with lercanidipine on endothelial progenitor cells and inflammation in patients with mild to moderate essential hypertension. Blood Pressure, 2016, 25, 337-343.	1.5	11
85	Use of Antihypertensive Drugs in Neoplastic Patients. High Blood Pressure and Cardiovascular Prevention, 2017, 24, 127-132.	2.2	11
86	Carotid stiffness is significantly correlated with wall-to-lumen ratio of retinal arterioles. Journal of Hypertension, 2018, 36, 580-586.	0.5	11
87	Relationship between different subpopulations of circulating CD4+ T lymphocytes and microvascular or systemic oxidative stress in humans. Blood Pressure, 2017, 26, 237-245.	1.5	10
88	Microvascular Density and Circulating Endothelial Progenitor Cells Before and After Treatment with Incretin Mimetics in Diabetic Patients. High Blood Pressure and Cardiovascular Prevention, 2018, 25, 369-378.	2.2	9
89	Masked Hypertension: How to Identify and When to Treat?. High Blood Pressure and Cardiovascular Prevention, 2016, 23, 181-186.	2.2	8
90	Assessment of retinal arteriolar morphology by noninvasive methods. Journal of Hypertension, 2016, 34, 1044-1046.	0.5	7

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91	Functional alterations of mesenteric small resistance arteries in Milan hypertensive and normotensive rats. <i>Hypertension Research</i> , 2009, 32, 581-585.	2.7	6
92	Remodelling of Small Resistance Arteries in Essential Hypertension. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2006, 13, 1-6.	2.2	5
93	Inhibitors of Angiogenesis and Blood Pressure. <i>Current Cardiovascular Risk Reports</i> , 2013, 7, 244-247.	2.0	5
94	Targeting Central Blood Pressure Through the Macro- and Microcirculation Cross-Talk. , 2015, , 297-307.		5
95	Evaluation of Cardiovascular Risk in Patient with Primary Non-alcoholic Fatty Liver Disease. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2020, 27, 321-330.	2.2	5
96	Left ventricular mass and function are related to collagen turnover markers in essential hypertension. <i>American Journal of Hypertension</i> , 2003, 16, A4.	2.0	4
97	Microvascular Structural Alterations in Cancer Patients Treated With Antiangiogenic Drugs. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 651594.	2.4	4
98	Arterial Hypertension and the Hidden Disease of the Eye: Diagnostic Tools and Therapeutic Strategies. <i>Nutrients</i> , 2022, 14, 2200.	4.1	4
99	Coronary Flow Reserve and Small Artery Remodelling in Hypertensive Patients. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2008, 15, 127-134.	2.2	3
100	Vascular remodeling, macro- and microvessels: Therapeutic implications. <i>Blood Pressure</i> , 2009, 18, 242-246.	1.5	3
101	Response to Reduction of Myeloperoxidase Activity by Melatonin and Pycnogenol May Contribute to their Blood Pressure Lowering Effect. <i>Hypertension</i> , 2010, 56, .	2.7	2
102	Noninvasive evaluation of the retinal microvasculature: is all that glitters gold?. <i>Journal of Hypertension</i> , 2020, 38, 203-205.	0.5	2
103	Dose-€“response effect of the lercanidipine/enalapril combination: a pooled analysis. <i>Current Medical Research and Opinion</i> , 2016, 32, 17-23.	1.9	1
104	Vitamin D and Ischaemic Heart Disease: A Casual or A Causal Association?. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2019, 26, 151-155.	2.2	1
105	The smoothness index. <i>Journal of Hypertension</i> , 2019, 37, 2341-2344.	0.5	1
106	Platypnoea-Orthodeoxia Syndrome in COVID-19. <i>European Journal of Case Reports in Internal Medicine</i> , 2021, 8, 002849.	0.4	1
107	Fixed-dose lercanidipine and enalapril in field practice: a meta-analysis. <i>Current Medical Research and Opinion</i> , 2016, 32, 13-15.	1.9	0
108	Microvascular Structural Alterations and Tissue Perfusion in Hypertension/Diabetes. <i>Updates in Hypertension and Cardiovascular Protection</i> , 2019, , 183-196.	0.1	0

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109	Organ Damage. Updates in Hypertension and Cardiovascular Protection, 2020, , 181-195.	0.1	0
110	Commentary on "Pathways of Microcirculatory Endothelial Dysfunction in OSA: A Comprehensive Ex Vivo Evaluation in Human Tissue" American Journal of Hypertension, 2021, , .	2.0	0