

Rosa-Maria Bruno

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5318678/rosa-maria-bruno-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

124
papers

3,450
citations

29
h-index

55
g-index

153
ext. papers

4,408
ext. citations

4.6
avg, IF

5.46
L-index

#	Paper	IF	Citations
124	Microcirculation and Macrocirculation in Hypertension: A Dangerous Cross-Link?. <i>Hypertension</i> , 2022 , HYPERTENSIONAHA12117962	8.5	3
123	Increased Collagen Turnover Is a Feature of Fibromuscular Dysplasia and Associated With Hypertrophic Radial Remodeling: A Pilot, Urine Proteomic Study. <i>Hypertension</i> , 2022 , 79, 93-103	8.5	1
122	Intima Media Thickness and Cognitive Function Among Adults: Meta-Analysis of Observational and Longitudinal Studies.. <i>Journal of the American Heart Association</i> , 2022 , e021760	6	
121	Carotid Ultrasound Boundary Study (CUBS): Technical considerations on an open multi-center analysis of computerized measurement systems for intima-media thickness measurement on common carotid artery longitudinal B-mode ultrasound scans.. <i>Computers in Biology and Medicine</i> , 2022 , 144, 105333	7	1
120	Differences in Diagnosis and Management of Hypertensive Urgencies and Emergencies According to Italian Doctors from Different Departments Who Deal With Acute Increase in Blood Pressure>Data from Gear (Gestione Dell'emergenza e Urgenza in ARea Critica) Study. <i>Journal of Clinical Medicine</i> , 2022 , 11, 2986	5.1	0
119	Leveraging the potential of machine learning for assessing vascular ageing: state-of-the-art and future research.. <i>European Heart Journal Digital Health</i> , 2021 , 2, 676-690	2.3	0
118	Activation of brain-heart axis during REM sleep: a trigger for dreaming. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 321, R951-R959	3.2	
117	Radial-digital pulse wave velocity: a noninvasive method for assessing stiffness of small conduit arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H1361-H1369	5.2	3
116	Reference Intervals for Brachial Artery Flow-Mediated Dilation and the Relation With Cardiovascular Risk Factors. <i>Hypertension</i> , 2021 , 77, 1469-1480	8.5	10
115	The European/International Fibromuscular Dysplasia Registry and Initiative (FEIRI)-clinical phenotypes and their predictors based on a cohort of 1000 patients. <i>Cardiovascular Research</i> , 2021 , 117, 950-959	9.9	16
114	Pressure-Corrected Carotid Stiffness and Young's Modulus: Evaluation in an Outpatient Clinic Setting. <i>American Journal of Hypertension</i> , 2021 , 34, 737-743	2.3	6
113	Current progress in clinical, molecular, and genetic aspects of adult fibromuscular dysplasia. <i>Cardiovascular Research</i> , 2021 ,	9.9	2
112	Carotid Ultrasound Boundary Study (CUBS): An Open Multicenter Analysis of Computerized Intima-Media Thickness Measurement Systems and Their Clinical Impact. <i>Ultrasound in Medicine and Biology</i> , 2021 , 47, 2442-2455	3.5	3
111	SPARTE Study: Normalization of Arterial Stiffness and Cardiovascular Events in Patients With Hypertension at Medium to Very High Risk. <i>Hypertension</i> , 2021 , 78, 983-995	8.5	13
110	Technical Validation and Usability of a Portable Ultrasound-Based System for Carotid Assessment of Vascular Ageing: AIPilot Study. <i>Heart Lung and Circulation</i> , 2021 , 30, 1734-1743	1.8	0
109	Youth Vascular Consortium (YVC) Protocol: Establishing Reference Intervals for Vascular Ageing in Children, Adolescents and Young Adults. <i>Heart Lung and Circulation</i> , 2021 , 30, 1710-1715	1.8	1
108	Sex and Gender Aspects in Vascular Ageing - Focus on Epidemiology, Pathophysiology, and Outcomes. <i>Heart Lung and Circulation</i> , 2021 , 30, 1637-1646	1.8	2

107	Aortic pulsatility drives microvascular organ damage in essential hypertension: New evidence from choroidal thickness assessment. <i>Journal of Clinical Hypertension</i> , 2021 , 23, 1039-1040	2.3	1
106	Italian Society of Arterial Hypertension (SIIA) Position Paper on the Role of Renal Denervation in the Management of the Difficult-to-Treat Hypertensive Patient. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2020 , 27, 109-117	2.9	7
105	Pregnancy-Related Complications in Patients With Fibromuscular Dysplasia: A Report From the European/International Fibromuscular Dysplasia Registry. <i>Hypertension</i> , 2020 , 76, 545-553	8.5	2
104	Acute Effects of Triathlon Race on Oxidative Stress Biomarkers. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 3062807	6.7	5
103	Wearable Activity Trackers for Monitoring Adherence to Home Confinement During the COVID-19 Pandemic Worldwide: Data Aggregation and Analysis. <i>Journal of Medical Internet Research</i> , 2020 , 22, e19787	7.6	63
102	Addressing the Unmet Needs of Measuring Vascular Ageing in Clinical PracticeEuropean COoperation in Science and Technology Action VascAgeNet. <i>Artery Research</i> , 2020 , 26, 71	2.2	8
101	Covid-19 Effects on ARTERial Stiffness and Vascular AgeiNg: CARTESIAN Study Rationale and Protocol.. <i>Artery Research</i> , 2020 , 27, 59	2.2	9
100	Central adiposity: A key driver for subclinical atherosclerosis. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 1999-2000	4.5	
99	Enrichment of Rare Variants in LoeyS-Dietz Syndrome Genes in Spontaneous Coronary Artery Dissection but Not in Severe Fibromuscular Dysplasia. <i>Circulation</i> , 2020 , 142, 1021-1024	16.7	15
98	Early and Supernormal Vascular Aging: Clinical Characteristics and Association With Incident Cardiovascular Events. <i>Hypertension</i> , 2020 , 76, 1616-1624	8.5	29
97	Is Central Blood Pressure a Determinant of Flow-Mediated Dilation in Patients With Coronary Artery Disease?. <i>American Journal of Hypertension</i> , 2019 , 32, 930-931	2.3	1
96	Expert consensus and evidence-based recommendations for the assessment of flow-mediated dilation in humans. <i>European Heart Journal</i> , 2019 , 40, 2534-2547	9.5	264
95	Macrovasculature and Microvasculature at the Crossroads Between Type 2 Diabetes Mellitus and Hypertension. <i>Hypertension</i> , 2019 , 73, 1138-1149	8.5	51
94	Acute Cardiovascular Adaptation to Strenuous Exercise: An Integrative Ultrasound Study. <i>Journal of Ultrasound in Medicine</i> , 2019 , 38, 463-470	2.9	1
93	The Effects of Dapagliflozin on Systemic and Renal Vascular Function Display an Epigenetic Signature. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 4253-4263	5.6	24
92	Ambulatory blood pressure and arterial stiffness web-based telemonitoring in patients at cardiovascular risk. First results of the VASOTENS (Vascular health ASsessment Of The hypertENSive patients) Registry. <i>Journal of Clinical Hypertension</i> , 2019 , 21, 1155-1168	2.3	13
91	Hemodynamic and autonomic effects of low-dose glyceryl trinitrate used to test endothelium-independent vasodilation of the brachial artery. <i>Vascular Pharmacology</i> , 2019 , 120, 106576	5.9	2
90	Evaluation of Unattended Automated Office, Conventional Office and Ambulatory Blood Pressure Measurements and Their Correlation with Target Organ Damage in an Outpatient Population of Hypertensives: Study Design and Methodological Aspects. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2019 , 26, 488-498	2.9	1

89	Measuring the Interaction Between the Macro- and Micro-Vasculature. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 169	5.4	18
88	Deep Vascular Phenotyping in Patients With Renal Multifocal Fibromuscular Dysplasia. <i>Hypertension</i> , 2019 , 73, 371-378	8.5	7
87	First International Consensus on the diagnosis and management of fibromuscular dysplasia. <i>Vascular Medicine</i> , 2019 , 24, 164-189	3.3	121
86	Indoor air pollution exposure effects on lung and cardiovascular health in the High Himalayas, Nepal: An observational study. <i>European Journal of Internal Medicine</i> , 2019 , 61, 81-87	3.9	15
85	Endothelial Dysfunction in Early Phases of Hypertension. <i>Updates in Hypertension and Cardiovascular Protection</i> , 2019 , 291-306	0.1	
84	Renal Resistive Index Predicts Post-Bariatric Surgery Renal Outcome in Nondiabetic Individuals with Severe Obesity. <i>Obesity</i> , 2019 , 27, 68-74	8	3
83	The Clinical Significance and Application of Vascular Stiffness Measurements. <i>American Journal of Hypertension</i> , 2019 , 32, 4-11	2.3	17
82	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	8.5	14
81	Vascular Function Is Improved After an Environmental Enrichment Program: The Train the Brain-Mind the Vessel Study. <i>Hypertension</i> , 2018 , 71, 1218-1225	8.5	9
80	Endothelial Function. <i>Updates in Hypertension and Cardiovascular Protection</i> , 2018 , 127-134	0.1	1
79	Essential Hypertension and Functional Microvascular Ageing. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2018 , 25, 35-40	2.9	14
78	Indoor pollution in high-altitude dwellings: An assessment of affecting factors across four Sherpa villages in the Khumbu region, Nepal. <i>Indoor and Built Environment</i> , 2018 , 27, 442-451	1.8	1
77	Polyphenols, Antioxidants and the Sympathetic Nervous System. <i>Current Pharmaceutical Design</i> , 2018 , 24, 130-139	3.3	12
76	Gut microbiome composition, a third player in the inflammation-arterial stiffness relationship. <i>European Heart Journal</i> , 2018 , 39, 2398-2400	9.5	7
75	Combination therapy with lercanidipine and enalapril reduced central blood pressure augmentation in hypertensive patients with metabolic syndrome. <i>Vascular Pharmacology</i> , 2017 , 92, 16-21	5.9	9
74	Sacubitril/valsartan and low blood pressure in heart failure with reduced ejection fraction. <i>European Heart Journal</i> , 2017 , 38, 1144-1146	9.5	5
73	Olfactory evaluation in Mild Cognitive Impairment: correlation with neurocognitive performance and endothelial function. <i>European Journal of Neuroscience</i> , 2017 , 45, 1279-1288	3.5	10
72	Carotid and aortic stiffness in essential hypertension and their relation with target organ damage: the CATOD study. <i>Journal of Hypertension</i> , 2017 , 35, 310-318	1.9	31

71	Impact of seasonality and air pollutants on carotid-femoral pulse wave velocity and wave reflection in hypertensive patients. <i>PLoS ONE</i> , 2017 , 12, e0172550	3.7	8
70	Dapagliflozin acutely improves endothelial dysfunction, reduces aortic stiffness and renal resistive index in type 2 diabetic patients: a pilot study. <i>Cardiovascular Diabetology</i> , 2017 , 16, 138	8.7	189
69	Neuroendocrine Dysregulation in Irritable Bowel Syndrome Patients: A Pilot Study. <i>Journal of Neurogastroenterology and Motility</i> , 2017 , 23, 428-434	4.4	18
68	Arterial-ventricular coupling and parameters of vascular stiffness in hypertensive patients: Role of gender. <i>JRSM Cardiovascular Disease</i> , 2017 , 6, 2048004017692277	1.1	7
67	Relationship Between Occupational Physical Activity and Subclinical Vascular Damage in Moderate-Altitude Dwellers. <i>High Altitude Medicine and Biology</i> , 2017 , 18, 249-257	1.9	4
66	Physical activity and blood pressure in 10,000 Mediterranean adults: The EPIC-Florence cohort. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017 , 27, 670-678	4.5	9
65	Systemic Inflammation after Third Molar Removal: A Case-Control Study. <i>Journal of Dental Research</i> , 2017 , 96, 1505-1512	8.1	12
64	Different Impact of Essential Hypertension on Structural and Functional Age-Related Vascular Changes. <i>Hypertension</i> , 2017 , 69, 71-78	8.5	48
63	Advances in the non-invasive assessment of vascular dysfunction in metabolic syndrome and diabetes: Focus on endothelium, carotid mechanics and renal vessels. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017 , 27, 121-128	4.5	12
62	The Endothelium as a Target for Chronic Stress. <i>American Journal of Hypertension</i> , 2017 , 30, 19-20	2.3	3
61	The Role of the Autonomic Nervous System in the Pathophysiology of Obesity. <i>Frontiers in Physiology</i> , 2017 , 8, 665	4.6	109
60	Abstract P509: Identification of Radial Vascular Wall Abnormalities by Very-high Frequency Ultrasound in Patients With Fibromuscular Dysplasia: The Fuchsia Study. <i>Hypertension</i> , 2017 , 70,	8.5	3
59	Environmental Factors and Hypertension. <i>Current Pharmaceutical Design</i> , 2017 , 23, 3239-3246	3.3	15
58	Noninvasive Assessment of Carotid Pulse Pressure Values: An Accelerometric-Based Approach. <i>IEEE Transactions on Biomedical Engineering</i> , 2016 , 63, 869-75	5	9
57	Metabolic and Hormonal Determinants of Glomerular Filtration Rate and Renal Hemodynamics in Severely Obese Individuals. <i>Obesity Facts</i> , 2016 , 9, 310-320	5.1	10
56	Gender differences in the relationships between psychosocial factors and hypertension. <i>Maturitas</i> , 2016 , 93, 58-64	5	11
55	Relationship between insomnia symptoms, perceived stress and coping strategies in subjects with arterial hypertension: psychological factors may play a modulating role. <i>Sleep Medicine</i> , 2016 , 19, 108-115	4.6	14
54	Association Between Stress-Related Sleep Reactivity and Metacognitive Beliefs About Sleep in Insomnia Disorder: Preliminary Results. <i>Behavioral Sleep Medicine</i> , 2016 , 14, 636-49	4.2	13

53	Association Between Lifestyle and Systemic Arterial Hypertension in Young Adults: A National, Survey-Based, Cross-Sectional Study. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2016 , 23, 31-40	2.9	19
52	Antihypertensive Bridge Therapy by Continuous Drug Infusion With an Elastomeric Pump in Device-Resistant Hypertension. <i>Hypertension</i> , 2016 , 67, e3-4	8.5	1
51	Vascular adaptation to extreme conditions: The role of hypoxia. <i>Artery Research</i> , 2016 , 14, 15	2.2	14
50	Resistant Hypertension: A Real Entity Requiring Special Treatment?. <i>European Cardiology Review</i> , 2016 , 11, 8-11	3.9	
49	Relazione tra fattori psicosociali e malattia CV: l'ipertensione arteriosa come modello di approccio multidisciplinare alle differenze di genere. <i>Salute E Societa</i> , 2016 , 103-111	0.2	
48	Cholecalciferol treatment downregulates renin-angiotensin system and improves endothelial function in essential hypertensive patients with hypovitaminosis D. <i>Journal of Hypertension</i> , 2016 , 34, 2199-205	1.9	22
47	Renal denervation for resistant hypertension: no. <i>Internal and Emergency Medicine</i> , 2016 , 11, 495-8	3.7	0
46	Resistant Hypertension: An Incurable Disease or Just a Challenge For Our Medical Skill?. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2016 , 23, 347-353	2.9	1
45	Carotid-Ventricular Coupling During Exercise: A Pilot Study. <i>Journal of Ultrasound in Medicine</i> , 2016 , 35, 1747-56	2.9	2
44	Effects of wine and grape polyphenols on blood pressure, endothelial function and sympathetic nervous system activity in treated hypertensive subjects. <i>Journal of Functional Foods</i> , 2016 , 27, 448-460	5.1	6
43	Subclinical carotid atherosclerosis and early vascular aging from long-term low-dose ionizing radiation exposure: a genetic, telomere, and vascular ultrasound study in cardiac catheterization laboratory staff. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 616-27	5	80
42	Arterial stiffness as a predictor of recovery of left ventricular systolic function after acute myocardial infarction treated with primary percutaneous coronary intervention. <i>International Journal of Cardiovascular Imaging</i> , 2015 , 31, 1545-51	2.5	9
41	Endothelial Function in the Stress Echocardiography Laboratory 2015 , 431-448		
40	Predictive value of dynamic renal resistive index (DRIN) for renal outcome in type 2 diabetes and essential hypertension: a prospective study. <i>Cardiovascular Diabetology</i> , 2015 , 14, 63	8.7	18
39	Birth weight and arterial hypertension. <i>Current Opinion in Cardiology</i> , 2015 , 30, 398-402	2.1	17
38	Predictive role of renal resistive index for clinical outcome after revascularization in hypertensive patients with atherosclerotic renal artery stenosis: a monocentric observational study. <i>Cardiovascular Ultrasound</i> , 2014 , 12, 9	2.4	25
37	Cardiovascular function in healthy Himalayan high-altitude dwellers. <i>Atherosclerosis</i> , 2014 , 236, 47-53	3.1	25
36	Intima media thickness, pulse wave velocity, and flow mediated dilation. <i>Cardiovascular Ultrasound</i> , 2014 , 12, 34	2.4	40

35	Non-invasive assessment of carotid PWV via accelerometric sensors: validation of a new device and comparison with established techniques. <i>European Journal of Applied Physiology</i> , 2014 , 114, 1503-12	3.4	9
34	Establishing reference values for central blood pressure and its amplification in a general healthy population and according to cardiovascular risk factors. <i>European Heart Journal</i> , 2014 , 35, 3122-33	9.5	188
33	Prognostic value of flow-mediated dilation in patients with systemic lupus erythematosus: a pilot prospective cohort study. <i>Atherosclerosis</i> , 2014 , 236, 381-4	3.1	8
32	Cognitive impairment and cardiovascular disease: so near, so far. <i>International Journal of Cardiology</i> , 2014 , 175, 21-9	3.2	44
31	Endothelial function testing and cardiovascular disease: focus on peripheral arterial tonometry. <i>Vascular Health and Risk Management</i> , 2014 , 10, 577-84	4.4	41
30	Poor sleep quality in systemic lupus erythematosus: does it depend on depressive symptoms?. <i>Lupus</i> , 2014 , 23, 1350-7	2.6	25
29	Vascular smooth muscle function: defining the diabetic vascular phenotype. <i>Diabetologia</i> , 2013 , 56, 2107-13	9.3	15
28	The eye and the heart. <i>European Heart Journal</i> , 2013 , 34, 1270-8	9.5	211
27	Non-cancer atherosclerotic effects associated with environmental and therapeutic radiation doses: the Chernobyl thyroid cancer children study. <i>International Journal of Cardiology</i> , 2013 , 168, 4255-7	3.2	2
26	Poor sleep quality and resistant hypertension. <i>Sleep Medicine</i> , 2013 , 14, 1157-63	4.6	71
25	P2X7 receptor polymorphisms do not influence endothelial function and vascular tone in neo-diagnosed, treatment-naive essential hypertensive patients. <i>Journal of Hypertension</i> , 2013 , 31, 2362-9	1.9	10
24	Relationship between wave reflection and renal damage in hypertensive patients: a retrospective analysis. <i>Journal of Hypertension</i> , 2013 , 31, 2418-24	1.9	19
23	Renal vasodilating capacity and endothelial function are impaired in patients with obstructive sleep apnea syndrome and no traditional cardiovascular risk factors. <i>Journal of Hypertension</i> , 2013 , 31, 1456-64; discussion 1464	1.9	33
22	Functional and structural alterations of large arteries: methodological issues. <i>Current Pharmaceutical Design</i> , 2013 , 19, 2390-400	3.3	24
21	Device-based therapies for resistant hypertension. <i>Current Pharmaceutical Design</i> , 2013 , 19, 2401-8	3.3	4
20	Sleep loss and hypertension: a systematic review. <i>Current Pharmaceutical Design</i> , 2013 , 19, 2409-19	3.3	154
19	Changes of flow mediated dilation in pregnant patients with systemic autoimmune diseases. <i>Clinical and Experimental Rheumatology</i> , 2013 , 31, 470	2.2	2
18	Local carotid stiffness and intima-media thickness assessment by a novel ultrasound-based system in essential hypertension. <i>Atherosclerosis</i> , 2012 , 223, 372-7	3.1	41

17	Assessment of carotid elasticity during exercise: a reproducibility study. <i>Ultrasound in Medicine and Biology</i> , 2012 , 38, 223-30	3.5	10
16	La disfunzione endoteliale nell'ipertensione arteriosa: meccanismo fisiopatologico o marcatore di rischio cardiovascolare?. <i>Italian Journal of Medicine</i> , 2012 , 6, 82-86	0.5	
15	Adipocytokine levels mark endothelial function in normotensive individuals. <i>Cardiovascular Diabetology</i> , 2012 , 11, 103	8.7	22
14	Might hypovitaminosis D aggravate endothelial dysfunction-related increases in arterial stiffness seen in patients with hypertension and type 2 diabetes? Reply to Boucher BJ [letter]. <i>Diabetologia</i> , 2012 , 55, 3142-3143	10.3	
13	Type 2 diabetes mellitus worsens arterial stiffness in hypertensive patients through endothelial dysfunction. <i>Diabetologia</i> , 2012 , 55, 1847-55	10.3	75
12	Effect of acute administration of vitamin C on muscle sympathetic activity, cardiac sympathovagal balance, and baroreflex sensitivity in hypertensive patients. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 302-8	7	37
11	Sympathetic regulation of vascular function in health and disease. <i>Frontiers in Physiology</i> , 2012 , 3, 284	4.6	123
10	Effect of aliskiren treatment on endothelium-dependent vasodilation and aortic stiffness in essential hypertensive patients. <i>European Heart Journal</i> , 2012 , 33, 1530-8	9.5	48
9	Hypertension, left ventricular hypertrophy and chronic kidney disease. <i>Heart Failure Reviews</i> , 2011 , 16, 615-20	5	53
8	Dynamic evaluation of renal resistive index in normoalbuminuric patients with newly diagnosed hypertension or type 2 diabetes. <i>Diabetologia</i> , 2011 , 54, 2430-9	10.3	38
7	The correct administration of antihypertensive drugs according to the principles of clinical pharmacology. <i>American Journal of Cardiovascular Drugs</i> , 2011 , 11, 13-20	4	19
6	Sympathetic nerve traffic and asymmetric dimethylarginine in chronic kidney disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011 , 6, 2620-7	6.9	38
5	Interactions between sympathetic nervous system and endogenous endothelin in patients with essential hypertension. <i>Hypertension</i> , 2011 , 57, 79-84	8.5	51
4	Hypertension in special populations: athletes. <i>Future Cardiology</i> , 2011 , 7, 571-84	1.3	4
3	Is oxidative stress a therapeutic target in cardiovascular disease?. <i>European Heart Journal</i> , 2010 , 31, 2741-8	1.8	319
2	Secondary Hypertension and Essential Thrombocythaemia. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2010 , 17, 49-52	2.9	
1	Central blood pressure, arterial stiffness, and wave reflection: new targets of treatment in essential hypertension. <i>Current Hypertension Reports</i> , 2009 , 11, 190-6	4.7	49