

# Rosa-Maria Bruno

## List of Publications by Year in descending order

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Version: 2024-02-01

140  
papers

5,348  
citations

126858

33  
h-index

95218

68  
g-index

153  
all docs

153  
docs citations

153  
times ranked

8389  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Current progress in clinical, molecular, and genetic aspects of adult fibromuscular dysplasia. <i>Cardiovascular Research</i> , 2022, 118, 65-83.  | 1.8 | 14        |
| 2  | 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.  | 1.3 | 4         |
| 3  | Microcirculation and Macrocirculation in Hypertension: A Dangerous Cross-Link?. <i>Hypertension</i> , 2022, 79, 479-490.   | 1.3 | 41        |
| 4  | Validation and Feasibility of an Automated System for the Assessment of Vascular Structure and Mechanical Properties in the Digital Arteries: An Ultrahigh-Frequency Ultrasound Study. <i>Ultrasound in Medicine and Biology</i> , 2022, 48, 711-716.  | 0.7 | 1         |
| 5  | Intima Media Thickness and Cognitive Function Among Adults: Meta-Analysis of Observational and Longitudinal Studies. <i>Journal of the American Heart Association</i> , 2022, 11, e021760.   | 1.6 | 3         |
| 6  | International Guidelines for Hypertension: Resemblance, Divergence and Inconsistencies. <i>Journal of Clinical Medicine</i> , 2022, 11, 1975.  | 1.0 | 3         |
| 7  | 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.              | 3.9 | 15        |
| 8  | 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. | 1.0 | 3         |
| 9  | The European/International Fibromuscular Dysplasia Registry and Initiative (FEIRI)'s clinical phenotypes and their predictors based on a cohort of 1000 patients. <i>Cardiovascular Research</i> , 2021, 117, 950-959.   | 1.8 | 33        |
| 10 | Pressure-Corrected Carotid Stiffness and Young's Modulus: Evaluation in an Outpatient Clinic Setting. <i>American Journal of Hypertension</i> , 2021, 34, 737-743.   | 1.0 | 13        |
| 11 | 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.   | 1.5 | 9         |
| 12 | Reference Intervals for Brachial Artery Flow-Mediated Dilation and the Relation With Cardiovascular Risk Factors. <i>Hypertension</i> , 2021, 77, 1469-1480.   | 1.3 | 44        |
| 13 | 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.  | 0.7 | 15        |
| 14 | 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.  | 1.3 | 65        |
| 15 | Technical Validation and Usability of a Portable Ultrasound-Based System for Carotid Assessment of Vascular Ageing: A Pilot Study. <i>Heart Lung and Circulation</i> , 2021, 30, 1734-1743.  | 0.2 | 2         |
| 16 | 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.   | 0.2 | 11        |
| 17 | Sex and Gender Aspects in Vascular Ageing – Focus on Epidemiology, Pathophysiology, and Outcomes. <i>Heart Lung and Circulation</i> , 2021, 30, 1637-1646.   | 0.2 | 19        |
| 18 | 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.   | 1.0 | 4         |

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|----|---|-----|-----------|
| 19 | Covid-19 Effects on ARTERial Stiffness and Vascular Ageing: CARTESIAN Study Rationale and Protocol. <i>Artery Research</i> , 2021, 27, 59.  | 0.3 | 19        |
| 20 | 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.  | 0.7 | 10        |
| 21 | 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.  | 0.9 | 0         |
| 22 | Multi-omics applied to fibromuscular dysplasia: first steps on a new research avenue. <i>Cardiovascular Research</i> , 2020, 116, 4-5.  | 1.8 | 4         |
| 23 | Central adiposity: A key driver for subclinical atherosclerosis. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 1999-2000.  | 1.1 | 0         |
| 24 | Enrichment of Rare Variants in Loey's Dietz Syndrome Genes in Spontaneous Coronary Artery Dissection but Not in Severe Fibromuscular Dysplasia. <i>Circulation</i> , 2020, 142, 1021-1024.  | 1.6 | 30        |
| 25 | Early and Supernormal Vascular Aging. <i>Hypertension</i> , 2020, 76, 1616-1624.  | 1.3 | 103       |
| 26 | 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.   | 1.0 | 16        |
| 27 | Pregnancy-Related Complications in Patients With Fibromuscular Dysplasia. <i>Hypertension</i> , 2020, 76, 545-553.  | 1.3 | 10        |
| 28 | Acute Effects of Triathlon Race on Oxidative Stress Biomarkers. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.  | 1.9 | 14        |
| 29 | 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.  | 2.1 | 95        |
| 30 | Addressing the Unmet Needs of Measuring Vascular Ageing in Clinical Practice—European COoperation in Science and Technology Action VascAgeNet. <i>Artery Research</i> , 2020, 26, 71-75.  | 0.3 | 23        |
| 31 | Acute Cardiovascular Adaptation to Strenuous Exercise: An Integrative Ultrasound Study. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 463-470.   | 0.8 | 1         |
| 32 | 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.   | 1.8 | 57        |
| 33 | 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) Tj ETQq1 1 0.784314 rgBT /Ove  | 1.0 | 1         |
| 34 | 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.   | 1.0 | 3         |
| 35 | 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, 493-499. | 1.0 | 1         |
| 36 | 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.   | 1.0 | 1         |

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|----|---|-----|-----------|
| 37 | Expert consensus and evidence-based recommendations for the assessment of flow-mediated dilation in humans. <i>European Heart Journal</i> , 2019, 40, 2534-2547.                                  | 1.0 | 532       |
| 38 | Macrovasculature and Microvasculature at the Crossroads Between Type 2 Diabetes Mellitus and Hypertension. <i>Hypertension</i> , 2019, 73, 1138-1149.   | 1.3 | 111       |
| 39 | SAT0175â€¦ULTRA-HIGH-FREQUENCY ULTRASOUND OF LABIAL SALIVARY GLANDS HIGHLY CORRELATES WITH HISTOPATHOLOGY IN PRIMARY SJÅ–GRENâ€™S SYNDROME. , 2019, , .   |     | 0         |
| 40 | Measuring the Interaction Between the Macro- and Micro-Vasculature. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 169.   | 1.1 | 31        |
| 41 | Deep Vascular Phenotyping in Patients With Renal Multifocal Fibromuscular Dysplasia. <i>Hypertension</i> , 2019, 73, 371-378.   | 1.3 | 15        |
| 42 | First International Consensus on the diagnosis and management of fibromuscular dysplasia. <i>Vascular Medicine</i> , 2019, 24, 164-189.   | 0.8 | 232       |
| 43 | 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.     | 1.0 | 26        |
| 44 | Endothelial Dysfunction in Early Phases of Hypertension. <i>Updates in Hypertension and Cardiovascular Protection</i> , 2019, , 291-306.  | 0.1 | 0         |
| 45 | Renal Resistive Index Predicts Postâ€“Bariatric Surgery Renal Outcome in Nondiabetic Individuals with Severe Obesity. <i>Obesity</i> , 2019, 27, 68-74.   | 1.5 | 10        |
| 46 | The Clinical Significance and Application of Vascular Stiffness Measurements. <i>American Journal of Hypertension</i> , 2019, 32, 4-11.   | 1.0 | 33        |
| 47 | 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.                                     | 1.3 | 22        |
| 48 | Vascular Function Is Improved After an Environmental Enrichment Program. <i>Hypertension</i> , 2018, 71, 1218-1225.   | 1.3 | 18        |
| 49 | Endothelial Function. <i>Updates in Hypertension and Cardiovascular Protection</i> , 2018, , 127-134.   | 0.1 | 1         |
| 50 | Essential Hypertension and Functional Microvascular Ageing. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2018, 25, 35-40.   | 1.0 | 31        |
| 51 | 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. | 1.5 | 3         |
| 52 | Asleep blood pressure: a target for cardiovascular event reduction?. <i>European Heart Journal</i> , 2018, 39, 4172-4174.   | 1.0 | 5         |
| 53 | Gut microbiome composition, a third player in the inflammationâ€“arterial stiffness relationship. <i>European Heart Journal</i> , 2018, 39, 2398-2400.  | 1.0 | 8         |
| 54 | Polyphenols, Antioxidants and the Sympathetic Nervous System. <i>Current Pharmaceutical Design</i> , 2018, 24, 130-139.   | 0.9 | 21        |

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|----|--|-----|-----------|
| 55 | 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.   | 1.0 | 11        |
| 56 | Sacubitril/valsartan and low blood pressure in heart failure with reduced ejection fraction. <i>European Heart Journal</i> , 2017, 38, 1144-1146.  | 1.0 | 7         |
| 57 | Olfactory evaluation in Mild Cognitive Impairment: correlation with neurocognitive performance and endothelial function. <i>European Journal of Neuroscience</i> , 2017, 45, 1279-1288.  | 1.2 | 20        |
| 58 | Carotid and aortic stiffness in essential hypertension and their relation with target organ damage. <i>Journal of Hypertension</i> , 2017, 35, 310-318.  | 0.3 | 40        |
| 59 | Arterial-ventricular coupling and parameters of vascular stiffness in hypertensive patients: Role of gender. <i>JRSM Cardiovascular Disease</i> , 2017, 6, 204800401769227.  | 0.4 | 9         |
| 60 | Relationship Between Occupational Physical Activity and Subclinical Vascular Damage in Moderate-Altitude Dwellers. <i>High Altitude Medicine and Biology</i> , 2017, 18, 249-257.  | 0.5 | 5         |
| 61 | 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.   | 1.1 | 13        |
| 62 | Systemic Inflammation after Third Molar Removal: A Case-Control Study. <i>Journal of Dental Research</i> , 2017, 96, 1505-1512.  | 2.5 | 19        |
| 63 | P94 DAPAGLIFLOZIN ACUTELY RESTORES ENDOTHELIAL DYSFUNCTION, REDUCES AORTIC STIFFNESS AND RENAL RESISTIVE INDEX IN TYPE 2 DIABETIC PATIENTS: A PILOT STUDY. <i>Artery Research</i> , 2017, 20, 88.  | 0.3 | 0         |
| 64 | Different Impact of Essential Hypertension on Structural and Functional Age-Related Vascular Changes. <i>Hypertension</i> , 2017, 69, 71-78.   | 1.3 | 63        |
| 65 | 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. | 1.1 | 19        |
| 66 | The Endothelium as a Target for Chronic Stress. <i>American Journal of Hypertension</i> , 2017, 30, 19-20.   | 1.0 | 3         |
| 67 | P174 HEMODYNAMIC AND AUTONOMIC EFFECTS OF LOW-DOSE GLYCERYL TRINITRATE USED TO TEST ENDOTHELIUM-INDEPENDENT VASODILATION OF THE BRACHIAL ARTERY. <i>Artery Research</i> , 2017, 20, 85.  | 0.3 | 1         |
| 68 | The Role of the Autonomic Nervous System in the Pathophysiology of Obesity. <i>Frontiers in Physiology</i> , 2017, 8, 665.   | 1.3 | 160       |
| 69 | 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.  | 1.1 | 11        |
| 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.                                    | 2.7 | 274       |
| 71 | Neuroendocrine Dysregulation in Irritable Bowel Syndrome Patients: A Pilot Study. <i>Journal of Neurogastroenterology and Motility</i> , 2017, 23, 428-434.  | 0.8 | 24        |
| 72 | 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, .   | 1.3 | 6         |

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|----|---|-----|-----------|
| 73 | Environmental Factors and Hypertension. <i>Current Pharmaceutical Design</i> , 2017, 23, 3239-3246.   | 0.9 | 27        |
| 74 | Cholecalciferol treatment downregulates renin-angiotensin system and improves endothelial function in essential hypertensive patients with hypovitaminosis D. <i>Journal of Hypertension</i> , 2016, 34, 2199-2205. | 0.3 | 29        |
| 75 | Renal denervation for resistant hypertension: no. <i>Internal and Emergency Medicine</i> , 2016, 11, 495-498.   | 1.0 | 1         |
| 76 | 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.  | 1.0 | 2         |
| 77 | Carotid-Ventricular Coupling During Exercise. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 1747-1756.   | 0.8 | 4         |
| 78 | 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.     | 1.6 | 11        |
| 79 | Renal denervation: a blunt weapon against isolated systolic hypertension?. <i>European Heart Journal</i> , 2016, 38, ehw460.  | 1.0 | 5         |
| 80 | Metabolic and Hormonal Determinants of Glomerular Filtration Rate and Renal Hemodynamics in Severely Obese Individuals. <i>Obesity Facts</i> , 2016, 9, 310-320.  | 1.6 | 15        |
| 81 | Endothelial dysfunction in hypertension. <i>Journal of Hypertension</i> , 2016, 34, 1492-1493.  | 0.3 | 11        |
| 82 | Gender differences in the relationships between psychosocial factors and hypertension. <i>Maturitas</i> , 2016, 93, 58-64.  | 1.0 | 18        |
| 83 | 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. | 0.8 | 30        |
| 84 | Association Between Stress-Related Sleep Reactivity and Metacognitive Beliefs About Sleep in Insomnia Disorder: Preliminary Results. <i>Behavioral Sleep Medicine</i> , 2016, 14, 636-649.                          | 1.1 | 17        |
| 85 | 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.      | 1.0 | 28        |
| 86 | Antihypertensive Bridge Therapy by Continuous Drug Infusion With an Elastomeric Pump in Device-Resistant Hypertension. <i>Hypertension</i> , 2016, 67, e3-4.  | 1.3 | 1         |
| 87 | Vascular adaptation to extreme conditions: The role of hypoxia. <i>Artery Research</i> , 2016, 14, 15.  | 0.3 | 16        |
| 88 | New-onset diabetes in hypertensive patients and mortality: timing is everything. <i>European Heart Journal</i> , 2016, 37, 975-977.   | 1.0 | 7         |
| 89 | Resistant Hypertension: A Real Entity Requiring Special Treatment?. <i>European Cardiology Review</i> , 2016, 11, 8.  | 0.7 | 0         |
| 90 | Relazione tra fattori psicosociali e malattia CV: l'ipertensione arteriosa come modello di approccio multidisciplinare alle differenze di genere. <i>Salute E Società</i> , 2016, , 103-111.                        | 0.0 | 0         |

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|-----|--|-----|-----------|
| 91  | Predictive value of dynamic renal resistive index (drin) for renal outcome in type 2 diabetes and essential hypertension: a prospective study. Cardiovascular Diabetology, 2015, 14, 63.   | 2.7 | 22        |
| 92  | Endothelial dysfunction in hypertension. Journal of Hypertension, 2015, 33, 1137-1138.   | 0.3 | 4         |
| 93  | Birth weight and arterial hypertension. Current Opinion in Cardiology, 2015, 30, 398-402.  | 0.8 | 20        |
| 94  | Renal denervation: back to reality, finally!. European Heart Journal - Cardiovascular Pharmacotherapy, 2015, 1, 57-57.   | 1.4 | 0         |
| 95  | CardioPulse Articles<br>European Commissioners petitioned for clean air and reduced noise pollution<br>Professor Sir Salvador Moncada MD PhD FRSShould we screen cardiovascular patients for thyroid dysfunction?<br>Adrenal hormones and the heart<br>Book review<br>Cardiovascular Issues in Endocrinology. European Heart Journal. 2015. 36. 3304-3311. | 1.0 | 1         |
| 96  | Subclinical Carotid Atherosclerosis and Early Vascular Aging From Long-Term Low-Dose Ionizing Radiation Exposure. JACC: Cardiovascular Interventions, 2015, 8, 616-627.  | 1.1 | 135       |
| 97  | It's bitter cold and I am sick at heart: establishing the relationship between outdoor temperature, blood pressure, and cardiovascular mortality : Figure 1. European Heart Journal, 2015, 36, 1152-1154.  | 1.0 | 8         |
| 98  | Non-invasive Assessment of Carotid Pulse Pressure Values: an Accelerometric-based Approach. IEEE Transactions on Biomedical Engineering, 2015, 63, 1-1.  | 2.5 | 12        |
| 99  | Arterial stiffness as a predictor of recovery of left ventricular systolic function after acute myocardial infarction treated with primary percutaneous coronary intervention. International Journal of Cardiovascular Imaging, 2015, 31, 1545-1551.   | 0.7 | 17        |
| 100 | Endothelial Function in the Stress Echocardiography Laboratory. , 2015, , 431-448.   |     | 0         |
| 101 | Endothelial function testing and cardiovascular disease: focus on peripheral arterial tonometry. Vascular Health and Risk Management, 2014, 10, 577.   | 1.0 | 55        |
| 102 | Poor sleep quality in systemic lupus erythematosus: does it depend on depressive symptoms?. Lupus, 2014, 23, 1350-1357.  | 0.8 | 33        |
| 103 | Renal denervation. Journal of Hypertension, 2014, 32, 28-29.   | 0.3 | 4         |
| 104 | Predictive role of renal resistive index for clinical outcome after revascularization in hypertensive patients with atherosclerotic renal artery stenosis: a monocentric observational study. Cardiovascular Ultrasound, 2014, 12, 9.  | 0.5 | 29        |
| 105 | Renal denervation and regression of left ventricular hypertrophy. European Heart Journal, 2014, 35, 2205-2207.   | 1.0 | 5         |
| 106 | Cardiovascular function in healthy Himalayan high-altitude dwellers. Atherosclerosis, 2014, 236, 47-53.  | 0.4 | 30        |
| 107 | Intima media thickness, pulse wave velocity, and flow mediated dilation. Cardiovascular Ultrasound, 2014, 12, 34.  | 0.5 | 57        |
| 108 | Non-invasive assessment of carotid PWV via accelerometric sensors: validation of a new device and comparison with established techniques. European Journal of Applied Physiology, 2014, 114, 1503-1512.  | 1.2 | 11        |



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|-----|--|-----|-----------|
| 109 | 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, 3122-3133.                  | 1.0 | 249       |
| 110 | Prognostic value of flow mediated dilation in patients with systemic lupus erythematosus: A pilot prospective cohort study. <i>Atherosclerosis</i> , 2014, 236, 381-384.   | 0.4 | 10        |
| 111 | Cognitive impairment and cardiovascular disease: So near, so far. <i>International Journal of Cardiology</i> , 2014, 175, 21-29.   | 0.8 | 51        |
| 112 | Vascular smooth muscle function: defining the diabetic vascular phenotype. <i>Diabetologia</i> , 2013, 56, 2107-2109.  | 2.9 | 17        |
| 113 | The eye and the heart. <i>European Heart Journal</i> , 2013, 34, 1270-1278.  | 1.0 | 296       |
| 114 | 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, 4255-4257.                  | 0.8 | 2         |
| 115 | Poor sleep quality and resistant hypertension. <i>Sleep Medicine</i> , 2013, 14, 1157-1163.  | 0.8 | 100       |
| 116 | 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, 2362-2369.                       | 0.3 | 11        |
| 117 | Relationship between wave reflection and renal damage in hypertensive patients. <i>Journal of Hypertension</i> , 2013, 31, 2418-2424.  | 0.3 | 21        |
| 118 | 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, 1456-1464.          | 0.3 | 39        |
| 119 | Functional and Structural Alterations of Large Arteries: Methodological Issues. <i>Current Pharmaceutical Design</i> , 2013, 19, 2390-2400.  | 0.9 | 33        |
| 120 | Device-based Therapies for Resistant Hypertension. <i>Current Pharmaceutical Design</i> , 2013, 19, 2401-2408.   | 0.9 | 7         |
| 121 | Sleep Loss and Hypertension: A Systematic Review. <i>Current Pharmaceutical Design</i> , 2013, 19, 2409-2419.  | 0.9 | 216       |
| 122 | Changes of flow mediated dilation in pregnant patients with systemic autoimmune diseases. <i>Clinical and Experimental Rheumatology</i> , 2013, 31, 470.   | 0.4 | 2         |
| 123 | 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, 302-308. | 2.2 | 44        |
| 124 | Sympathetic regulation of vascular function in health and disease. <i>Frontiers in Physiology</i> , 2012, 3, 284.  | 1.3 | 174       |
| 125 | Effect of aliskiren treatment on endothelium-dependent vasodilation and aortic stiffness in essential hypertensive patients. <i>European Heart Journal</i> , 2012, 33, 1530-1538.  | 1.0 | 52        |
| 126 | Local carotid stiffness and intima-media thickness assessment by a novel ultrasound-based system in essential hypertension. <i>Atherosclerosis</i> , 2012, 223, 372-377.   | 0.4 | 47        |



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|-----|--|-----|-----------|
| 127 | Assessment of Carotid Elasticity During Exercise: A Reproducibility Study. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 223-230.  | 0.7 | 12        |
| 128 | La disfunzione endoteliale nell'ipertensione arteriosa: meccanismo fisiopatologico o marcatore di rischio cardiovascolare?. <i>Italian Journal of Medicine</i> , 2012, 6, 82-86.   | 0.2 | 0         |
| 129 | Adipocytokine levels mark endothelial function in normotensive individuals. <i>Cardiovascular Diabetology</i> , 2012, 11, 103.   | 2.7 | 25        |
| 130 | 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. | 2.9 | 0         |
| 131 | Type 2 diabetes mellitus worsens arterial stiffness in hypertensive patients through endothelial dysfunction. <i>Diabetologia</i> , 2012, 55, 1847-1855.   | 2.9 | 95        |
| 132 | The Correct Administration of Antihypertensive Drugs According to the Principles of Clinical Pharmacology. <i>American Journal of Cardiovascular Drugs</i> , 2011, 11, 13-20.  | 1.0 | 23        |
| 133 | Hypertension, left ventricular hypertrophy and chronic kidney disease. <i>Heart Failure Reviews</i> , 2011, 16, 615-620.   | 1.7 | 74        |
| 134 | Dynamic evaluation of renal resistive index in normoalbuminuric patients with newly diagnosed hypertension or type 2 diabetes. <i>Diabetologia</i> , 2011, 54, 2430-2439.  | 2.9 | 48        |
| 135 | Sympathetic Nerve Traffic and Asymmetric Dimethylarginine in Chronic Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 2620-2627.  | 2.2 | 46        |
| 136 | Interactions Between Sympathetic Nervous System and Endogenous Endothelin in Patients With Essential Hypertension. <i>Hypertension</i> , 2011, 57, 79-84.  | 1.3 | 62        |
| 137 | Hypertension in special populations: athletes. <i>Future Cardiology</i> , 2011, 7, 571-584.  | 0.5 | 4         |
| 138 | Is oxidative stress a therapeutic target in cardiovascular disease?. <i>European Heart Journal</i> , 2010, 31, 2741-2748.  | 1.0 | 380       |
| 139 | Secondary Hypertension and Essential Thrombocythaemia. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2010, 17, 49-52.   | 1.0 | 0         |
| 140 | Central blood pressure, arterial stiffness, and wave reflection: New targets of treatment in essential hypertension. <i>Current Hypertension Reports</i> , 2009, 11, 190-196.  | 1.5 | 56        |