

# Daniel Bia

## List of Publications by Year in descending order

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117  
papers

3,072  
citations

377584

21  
h-index

242451

47  
g-index

127  
all docs

127  
docs citations

127  
times ranked

2648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Epoch Length and Recording Site on the Relationship Between Tri-Axial Accelerometry-Derived Physical Activity Levels and Structural, Functional, and Hemodynamic Properties of Central and Peripheral Arteries. <i>Frontiers in Sports and Active Living</i> , 2022, 4, 799659.	0.9	5
2	Aging-Related Moderation of the Link Between Compliance With International Physical Activity Recommendations and the Hemodynamic, Structural, and Functional Arterial Status of 3,619 Subjects Aged 3â€“90 Years. <i>Frontiers in Sports and Active Living</i> , 2022, 4, 800249.	0.9	5
3	Fat-Free Mass Index, Visceral Fat Level, and Muscle Mass Percentage Better Explain Deviations From the Expected Value of Aortic Pressure and Structural and Functional Arterial Properties Than Body Fat Indexes. <i>Frontiers in Nutrition</i> , 2022, 9, 856198.	1.6	2
4	Physiological Age- and Sex-Related Profiles for Local (Aortic) and Regional (Carotid-Femoral,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 632 T Blood Pressure Adjustments: Reference Intervals and Agreement between Methods in Healthy Subjects (3â€“84 Years). <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 3.	0.8	27
5	Shedding light on the pathophysiology of preeclampsia-syndrome in the era of Cardio-Obstetrics: Role of inflammation and endothelial dysfunction. <i>Current Hypertension Reviews</i> , 2021, 17, .	0.5	1
6	Changes in Body Size during Early Growth Are Independently Associated with Arterial Properties in Early Childhood. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 20.	0.8	4
7	Association Between Central-Peripheral Blood Pressure Amplification and Structural and Functional Cardiac Properties in Children, Adolescents, and Adults: Impact of the Amplification Parameter, Recording System and Calibration Scheme. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2021, 28, 185-249.	1.0	5
8	Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. <i>ELife</i> , 2021, 10, .	2.8	41
9	Role of arterial impairment in preeclampsia: should the paradigm shift?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H2011-H2030.	1.5	12
10	Physical Activity, Sedentary Behavior and Sleep Time: Association with Cardiovascular Hemodynamic Parameters, Blood Pressure and Structural and Functional Arterial Properties in Childhood. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 62.	0.8	12
11	Age- and sex-related profiles for macro, macro/micro and microvascular reactivity indexes: Association between indexes and normative data from 2609 healthy subjects (3-85 years). <i>PLoS ONE</i> , 2021, 16, e0254869.	1.1	14
12	Sex- and Age-Related Physiological Profiles for Brachial, Vertebral, Carotid, and Femoral Arteries Blood Flow Velocity Parameters During Growth and Aging (4â€“76 Years): Comparison With Clinical Cut-Off Levels. <i>Frontiers in Physiology</i> , 2021, 12, 729309.	1.3	18
13	Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. <i>Lancet, The</i> , 2021, 398, 957-980.	6.3	1,289
14	Stroke volume and cardiac output non-invasive monitoring based on brachial oscillometry-derived pulse contour analysis: Explanatory variables and reference intervals throughout life (3â€“88 years). <i>Cardiology Journal</i> , 2021, 28, 864-878.	0.5	21
15	Central Pressure Waveform-Derived Indexes Obtained From Carotid and Radial Tonometry and Brachial Oscillometry in Healthy Subjects (2â€“84 Y): Age-, Height-, and Sex-Related Profiles and Analysis of Indexes Agreement. <i>Frontiers in Physiology</i> , 2021, 12, 774390.	1.3	10
16	Aortic Pressure Levels and Waveform Indexes in People Living With Human Immunodeficiency Virus: Impact of Calibration Method on the Differences With Respect to Non-HIV Subjects and Optimal Values. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 772912.	1.1	4
17	Center-To-Periphery Arterial Stiffness Gradient Is Attenuated and/or Reversed in Pregnancy-Associated Hypertension. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 766723.	1.1	2
18	Maternal nutritional restriction during gestation impacts differently on offspring muscular and elastic arteries and is associated with increased carotid resistance and ventricular afterload in maturity. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 11, 7-17.	0.7	5

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19	Percentile curves for left ventricle structural, functional and haemodynamic parameters obtained in healthy children and adolescents from echocardiography-derived data. <i>Journal of Echocardiography</i> , 2020, 18, 16-43.	0.4	6
20	Trends in cardiometabolic risk factors in the Americas between 1980 and 2014: a pooled analysis of population-based surveys. <i>The Lancet Global Health</i> , 2020, 8, e123-e133.	2.9	73
21	Cardiac Output Monitoring in Children, Adolescents and Adults Based on Pulse Contour Analysis: Comparison with Echocardiography-Derived Data and Identification of Factors Associated with Their Differences. <i>Cardiovascular Engineering and Technology</i> , 2020, 11, 67-83.	0.7	5
22	Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. <i>Lancet, The</i> , 2020, 396, 1511-1524.	6.3	219
23	Carotid and Femoral Atherosclerotic Plaques in Asymptomatic and Non-Treated Subjects: Cardiovascular Risk Factors, 10-Years Risk Scores, and Lipid Ratios™ Capability to Detect Plaque Presence, Burden, Fibro-Lipid Composition and Geometry. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 11.	0.8	11
24	Cardiovascular Risk Assessment in People Living With HIV: A Systematic Review and Meta-Analysis of Real-Life Data. <i>Current HIV Research</i> , 2020, 18, 5-18.	0.2	21
25	Impact of Methodological and Calibration Approach on the Association of Central and Peripheral Systolic Blood Pressure with Cardiac Structure and Function in Children, Adolescents and Adults. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2019, 26, 509-534.	1.0	13
26	Arterial Structural and Functional Characteristics at End of Early Childhood and Beginning of Adulthood: Impact of Body Size Gain during Early, Intermediate, Late and Global Growth. <i>Journal of Cardiovascular Development and Disease</i> , 2019, 6, 33.	0.8	13
27	Adiposity status and arterial system in childhood and adolescence. <i>The Lancet Child and Adolescent Health</i> , 2019, 3, 441-442.	2.7	0
28	Normal percentile curves for left atrial size in healthy children and adolescents. <i>Echocardiography</i> , 2019, 36, 770-782.	0.3	8
29	Aortic pressure and forward and backward wave components in children, adolescents and young-adults: Agreement between brachial oscillometry, radial and carotid tonometry data and analysis of factors associated with their differences. <i>PLoS ONE</i> , 2019, 14, e0226709.	1.1	22
30	Reference Intervals and Percentile Curves of Echocardiographic Left Ventricular Mass, Relative Wall Thickness and Ejection Fraction in Healthy Children and Adolescents. <i>Pediatric Cardiology</i> , 2019, 40, 283-301.	0.6	23
31	Reference intervals of aortic pulse wave velocity assessed with an oscillometric device in healthy children and adolescents from Argentina. <i>Clinical and Experimental Hypertension</i> , 2019, 41, 101-112.	0.5	15
32	Title is missing!. , 2019, 14, e0226709.		0
33	Title is missing!. , 2019, 14, e0226709.		0
34	Title is missing!. , 2019, 14, e0226709.		0
35	Title is missing!. , 2019, 14, e0226709.		0
36	Title is missing!. , 2019, 14, e0226709.		0

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37	Title is missing!. , 2019, 14, e0226709.		0
38	Reference intervals and percentiles for carotidâ€femoral pulse wave velocity in a healthy population aged between 9 and 87Åyears. Journal of Clinical Hypertension, 2018, 20, 659-671.	1.0	28
39	Arterial Stiffness in Haemodialysed Patients. Findings and Controversies. Current Hypertension Reviews, 2018, 14, 100-106.	0.5	4
40	Reference intervals and percentile curve for left ventricularÂoutflow tract (<scp>LVOT</scp>), velocity time integral (<scp>VTI</scp>), and <scp>LVOT</scp>â€<scp>VTI</scp>â€derived hemodynamic parameters in healthy children and adolescents: Analysis of echocardiographic methods association and agreement. Echocardiography, 2018, 35, 2014-2034.	0.3	10
41	Reference Intervals of Central Aortic Blood Pressure and Augmentation Index Assessed with an Oscillometric Device in Healthy Children, Adolescents, and Young Adults from Argentina. International Journal of Hypertension, 2018, 2018, 1-19.	0.5	11
42	Peripheral and Central Aortic Pressure, Wave-Derived Reflection Parameters, Local and Regional Arterial Stiffness and Structural Parameters in Children and Adolescents: Impact of Body Mass Index Variations. High Blood Pressure and Cardiovascular Prevention, 2018, 25, 267-280.	1.0	30
43	Carotid Intima Media Thickness Reference Intervals for a Healthy Argentinean Population Aged 11â€81 Years. International Journal of Hypertension, 2018, 2018, 1-13.	0.5	18
44	Forward and Backward Aortic Components and Reflection Indexes in Children and Adolescents: Determinants and Role in High Pressure States. Current Hypertension Reviews, 2018, 14, 137-153.	0.5	12
45	Central-To-Peripheral Arterial Stiffness Gradient in Hemodialyzed Patients Depends on the Location of the Upper-limb Vascular Access. Current Hypertension Reviews, 2018, 14, 128-136.	0.5	6
46	Increases in Peripheral Systolic Pressure Levels and Z-score Associate Gradual Aortic Pressure Increase and Functional Arterial Impairment in Children and Adolescents. Current Hypertension Reviews, 2018, 14, 170-182.	0.5	5
47	High Central Aortic Rather than Brachial Blood Pressure is Associated with Carotid Wall Remodeling and Increased Arterial Stiffness in Childhood. High Blood Pressure and Cardiovascular Prevention, 2017, 24, 49-60.	1.0	27
48	Uncertainty Quantification in a Patient-Specific One-Dimensional Arterial Network Model: EnKF-Based Inflow Estimator. Journal of Verification, Validation and Uncertainty Quantification, 2017, 2, .	0.3	9
49	Children and Adolescents Macrovascular Reactivity Level and Dynamics, But Not the Microvascular Response, is Associated with Body Mass Index and Arterial Stiffness Levels. High Blood Pressure and Cardiovascular Prevention, 2017, 24, 371-386.	1.0	6
50	High Blood Pressure States in Children, Adolescents, and Young Adults Associate Accelerated Vascular Aging, with a Higher Impact in Femalesâ€™ Arterial Properties. Pediatric Cardiology, 2017, 38, 840-852.	0.6	12
51	19th International Conference on Dialysis, Advances in Chronic Kidney Disease 2017, February 1-3, 2017, Las Vegas, NV: Abstracts. Blood Purification, 2017, 43, 244-278.	0.9	7
52	Aorticâ€Radial Pulse Wave Velocity Ratio in End-stage Renal Disease Patients: Association with Age, Body Tissue Hydration Status, Renal Failure Etiology and Five Years of Hemodialysis. High Blood Pressure and Cardiovascular Prevention, 2017, 24, 37-48.	1.0	15
53	Comparative Analysis of Arterial Parameters Variations Associated with Inter-Individual Variations in Peripheral and Aortic Blood Pressure: Cross-Sectional Study in Healthy Subjects Aged 2â€84Åyears. High Blood Pressure and Cardiovascular Prevention, 2017, 24, 437-451.	1.0	5
54	Hemodialysis Decreases the Etiologically-Related Early Vascular Aging Observed in End-Stage Renal Disease: A 5-Year Follow-Up Study. Blood Purification, 2017, 43, 18-30.	0.9	7

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55	LAA1 HEMODYNAMIC AND STRUCTURAL ARTERIAL PARAMETERSâ€™ ASSOCIATION WITH INTERINDIVIDUAL VARIATIONS OF BODY MASS INDEX IN CHILDHOOD AND ADOLESCENCE. <i>Artery Research</i> , 2017, 20, 49.	0.3	0
56	Comparative in Vivo Analysis of the Role of the Adventitia and the Endothelium on Arterial Mechanical Function: Relevance for Aortic Counterpulsation. <i>International Journal of Artificial Organs</i> , 2017, 40, 286-293.	0.7	2
57	Children and Adolescent Obesity Associates with Pressure-Dependent and Age-Related Increase in Carotid and Femoral Arteriesâ€™ Stiffness and Not in Brachial Artery, Indicative of Nonintrinsic Arterial Wall Alteration. <i>International Journal of Vascular Medicine</i> , 2016, 2016, 1-11.	0.4	12
58	Childhood Obesity Associates Haemodynamic and Vascular Changes That Result in Increased Central Aortic Pressure with Augmented Incident and Reflected Wave Components, without Changes in Peripheral Amplification. <i>International Journal of Vascular Medicine</i> , 2016, 2016, 1-8.	0.4	27
59	Changes in Central Aortic Pressure Levels, Wave Components and Determinants Associated with High Peripheral Blood Pressure States in Childhood: Analysis of Hypertensive Phenotype. <i>Pediatric Cardiology</i> , 2016, 37, 1340-1350.	0.6	29
60	WAVE PROPAGATION IN A 1D FLUID DYNAMICS MODEL USING PRESSURE-AREA MEASUREMENTS FROM OVINE ARTERIES. <i>Journal of Mechanics in Medicine and Biology</i> , 2016, 16, 1650007.	0.3	6
61	Hemodialysis decreases carotidâ€brachial and carotidâ€femoral pulse wave velocities: A 5â€year followâ€up study. <i>Hemodialysis International</i> , 2015, 19, 419-428.	0.4	6
62	Preeclampsia Is Associated with Increased Central Aortic Pressure, Elastic Arteries Stiffness and Wave Reflections, and Resting and Recrutable Endothelial Dysfunction. <i>International Journal of Hypertension</i> , 2015, 2015, 1-12.	0.5	26
63	Normal Pregnancy Is Associated with Changes in Central Hemodynamics and Enhanced Recrutable, but Not Resting, Endothelial Function. <i>International Journal of Reproductive Medicine</i> , 2015, 2015, 1-10.	0.4	10
64	Hydration Status Is Associated with Aortic Stiffness, but Not with Peripheral Arterial Stiffness, in Chronically Hemodialysed Patients. <i>International Journal of Nephrology</i> , 2015, 2015, 1-11.	0.7	11
65	Arterial Stiffness and Renal Replacement Therapy: A Controversial Topic. <i>International Journal of Nephrology</i> , 2015, 2015, 1-7.	0.7	13
66	Quantitative Analysis of the Relationship between Blood Vessel Wall Constituents and Viscoelastic Properties: Dynamic Biomechanical and Structural In Vitro Studies in Aorta and Carotid Arteries. <i>Physiology Journal</i> , 2014, 2014, 1-9.	0.4	4
67	The Adventitia Layer Modulates the Arterial Wall Elastic Response to Intraâ€Aortic Counterpulsation: In Vivo Studies. <i>Artificial Organs</i> , 2013, 37, 1041-1048.	1.0	6
68	Are peripheral arterial changes during enhanced external counterpulsation necessary for and/or evidence of an adequate cardiovascular response?. <i>Hypertension Research</i> , 2013, 36, 293-294.	1.5	1
69	Resynchronization improves heart-arterial coupling reducing arterial load determinants. <i>Europace</i> , 2013, 15, 554-565.	0.7	21
70	Structural and Functional Properties of Venous Wall: Relationship between Elastin, Collagen, and Smooth Muscle Components and Viscoelastic Properties. <i>ISRN Physiology</i> , 2013, 2013, 1-9.	0.4	10
71	Vascular Accesses for Haemodialysis in the Upper Arm Cause Greater Reduction in the Carotid-Brachial Stiffness than Those in the Forearm: Study of Gender Differences. <i>International Journal of Nephrology</i> , 2012, 2012, 1-10.	0.7	10
72	Pulse Wave Velocity as Marker of Preclinical Arterial Disease: Reference Levels in a Uruguayan Population Considering Wave Detection Algorithms, Path Lengths, Aging, and Blood Pressure. <i>International Journal of Hypertension</i> , 2012, 2012, 1-10.	0.5	28

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73	Carotid-radial pulse wave velocity as an alternative tool for the evaluation of endothelial function during pregnancy: Potential role in identifying hypertensive disorders of pregnancy. , 2012, 2012, 5603-6.		8
74	Ageing-related changes and reference values for the carotid intima-media thickness in a Uruguayan Population. , 2012, 2012, 5622-5.		1
75	Hyperemia-Related Changes in Arterial Stiffness: Comparison between Pulse Wave Velocity and Stiffness Index in the Vascular Reactivity Assessment. International Journal of Vascular Medicine, 2012, 2012, 1-7.	0.4	9
76	Health Informatics Design for Assisted Diagnosis of Subclinical Atherosclerosis, Structural, and Functional Arterial Age Calculus and Patient-Specific Cardiovascular Risk Evaluation. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 943-951.	3.6	25
77	O603 CAROTID-RADIAL PULSE WAVE VELOCITY AS AN ALTERNATIVE TOOL FOR THE EVALUATION OF ENDOTHELIAL FUNCTION: POTENTIAL ROLE IN PREDICTING AND CLASSIFYING HYPERTENSIVE DISORDERS OF PREGNANCY. International Journal of Gynecology and Obstetrics, 2012, 119, S473.	1.0	0
78	Post-implant evaluation of the anastomotic mechanical and geometrical coupling between human native arteries and arterial cryografts implanted in lower-limb. Cryobiology, 2012, 64, 50-59.	0.3	3
79	Intra-aortic balloon pumping reduces the increased arterial load caused by acute cardiac depression, modifying central and peripheral load determinants in a time- and flow-related way. Heart and Vessels, 2012, 27, 517-527.	0.5	6
80	Integrated e-Health Approach Based on Vascular Ultrasound and Pulse Wave Analysis for Asymptomatic Atherosclerosis Detection and Cardiovascular Risk Stratification in the Community. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 287-294.	3.6	34
81	Gender-related differences in the excess pressure component of central aortic pressure waveform of healthy young. , 2011, 2011, 207-10.		2
82	Arterial diameter measurement using high resolution ultrasonography: In vitro validation. , 2011, 2011, 203-6.		1
83	Age-related changes in reservoir and excess components of central aortic pressure in asymptomatic adults. , 2011, 2011, 6454-7.		2
84	P6.20 VASCULAR ACCESSES FOR HAEMODIALYSIS IN THE ARM CAUSE GREATER REDUCTION IN THE CAROTID-BRACHIAL STIFFNESS THAN THOSE IN THE FOREARM: STUDY OF GENDER DIFFERENCES. Artery Research, 2011, 5, 177.	0.3	0
85	Integrated Evaluation of Age-Related Changes in Structural and Functional Vascular Parameters Used to Assess Arterial Aging, Subclinical Atherosclerosis, and Cardiovascular Risk in Uruguayan Adults: CUiiDARTE Project. International Journal of Hypertension, 2011, 2011, 1-12.	0.5	29
86	The Endothelium Modulates the Arterial Wall Mechanical Response to Intra-Aortic Balloon Counterpulsation: In Vivo Studies. Artificial Organs, 2011, 35, 883-892.	1.0	6
87	Linear and Nonlinear Viscoelastic Modeling of Aorta and Carotid Pressure-Area Dynamics Under In Vivo and Ex Vivo Conditions. Annals of Biomedical Engineering, 2011, 39, 1438-1456.	1.3	77
88	Uruguay eHealth initiative: Preliminary studies regarding an integrated approach to evaluate vascular age and preclinical atherosclerosis (CUiiDARTE project). , 2011, 2011, 842-5.		2
89	Pulse wave velocity normal levels in a Uruguayan population: Differences between &#x2018;adjusted&#x2019; and measured values vary depending on age and the calculation algorithm used. , 2011, 2011, 211-4.		2
90	Vascular Cryografts Offer Better Biomechanical Properties in Chronically Hemodialyzed Patients: Role of Cryograft Type, Arterial Pathway, and Diabetic Nephropathy as Matching Determinants. Artificial Organs, 2010, 34, 677-684.	1.0	4

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91	Post-implant evaluation of the anastomotic biomechanical coupling between human native arteries and arterial cryografts implanted in lower-limb revascularization procedures. , 2010, 2010, 3590.		0
92	Changes in wall viscosity and filtering as determinant of carotid and femoral atherosclerotic plaque vulnerability: Theoretical analysis. , 2010, 2010, 2630-3.		0
93	Smooth Muscle-Dependent Changes in Aortic Wall Dynamics during Intra-Aortic Counterpulsation in an Animal Model of Acute Heart Failure. International Journal of Artificial Organs, 2009, 32, 354-361.	0.7	11
94	Vascular access Localization Determines Regional Changes in Arterial Stiffness. Journal of Vascular Access, 2009, 10, 192-198.	0.5	15
95	Biomechanics of the ergometric stress tests: Regional and local effects on elastic, transitional and muscular human arteries. , 2009, 2009, 2839-42.		3
96	Reactive hyperemia-related changes in carotid-radial pulse wave velocity as a potential tool to characterize the endothelial dynamics. , 2009, 2009, 1800-3.		11
97	Cardiac resynchronization results in aortic blood flow-associated changes in the arterial load components: Basal biomechanical conditions determine the load changes. , 2009, 2009, 2843-7.		1
98	Non-Invasive Biomechanical Evaluation of Implanted Human Cryopreserved Arterial Homografts. Annals of Biomedical Engineering, 2009, 37, 1273-1286.	1.3	20
99	Reversal Blood Flow Component as Determinant of the Arterial Functional Capability: Theoretical Implications in Physiological and Therapeutic Conditions. Artificial Organs, 2009, 33, 266-272.	1.0	3
100	Preservation of Muscular and Elastic Artery Distensibility After an Intercontinental Cryoconserved Exchange: Theoretical Advances in Arterial Homograft Generation and Utilization. Artificial Organs, 2009, 33, 662-669.	1.0	7
101	Sleep-Wakefulness Variations in Arterial Stiffness: Assessment Using Ambulatory Recording of Arterial Pulse Transit Time. Revista Espanola De Cardiologia (English Ed ), 2008, 61, 41-48.	0.4	2
102	Increased reversal and oscillatory shear stress cause smooth muscle contraction-dependent changes in sheep aortic dynamics: role in aortic balloon pump circulatory support. Acta Physiologica, 2008, 192, 487-503.	1.8	28
103	Effects of Intra-Aortic Counterpulsation on Aortic Wall Energetics and Damping: In Vivo Experiments. ASAIO Journal, 2008, 54, 44-49.	0.9	7
104	Acute increase in reversal blood flow during counterpulsation is associated with vasoconstriction and changes in the aortic mechanics. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3986-9.	0.5	8
105	Improved right ventricular-vascular coupling during active pulmonary hypertension. International Journal of Cardiology, 2007, 115, 171-182.	0.8	33
106	Changes in Vein Dynamics Ranging from Low to High Pressure Levels as a Determinant of the Differences in Vein Adaptation to Arterial Hemodynamic Conditions. Artificial Organs, 2007, 31, 575-580.	1.0	8
107	Differential Functional Coupling Between Human Saphenous Cryoallografts and Arteries: Importance of the Arterial Type and the Biomechanical Parameter Evaluated. Artificial Organs, 2007, 31, 809-818.	1.0	11
108	Functional properties of fresh and cryopreserved carotid and femoral arteries, and of venous and synthetic grafts: comparison with arteries from normotensive and hypertensive patients. Cell and Tissue Banking, 2007, 8, 43-57.	0.5	29

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109	Viscoelastic and Functional Similarities Between Native Femoral Arteries and Fresh or Cryopreserved Arterial and Venous Homografts. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2006, 59, 679-687.	0.4	4
110	An in vitro study of cryopreserved and fresh human arteries: a comparison with ePTFE prostheses and human arteries studied non-invasively in vivo. <i>Cryobiology</i> , 2006, 52, 17-26.	0.3	37
111	Regional Differences in Vein Wall Dynamics Under Arterial Hemodynamic Conditions: Comparison With Arteries. <i>Artificial Organs</i> , 2006, 30, 265-275.	1.0	20
112	Cryopreservation procedure does not modify human carotid homografts mechanical properties: an isobaric and dynamic analysis. <i>Cell and Tissue Banking</i> , 2006, 7, 183-194.	0.5	48
113	Reduced Elastic Mismatch Achieved by Interposing Vein Cuff in Expanded Polytetrafluoroethylene Femoral Bypass Decreases Intimal Hyperplasia. <i>Artificial Organs</i> , 2005, 29, 122-130.	1.0	21
114	Femoral arteries energy dissipation and filtering function remain unchanged after cryopreservation procedure. <i>Transplant International</i> , 2005, 18, 1346-1355.	0.8	17
115	Pulmonary artery smooth muscle activation attenuates arterial dysfunction during acute pulmonary hypertension. <i>Journal of Applied Physiology</i> , 2005, 98, 605-613.	1.2	66
116	Improved pulmonary artery buffering function during phenylephrine-induced pulmonary hypertension. , 2003, 246, 19-24.		3
117	Pulmonary artery buffering function characterization. <i>Journal of Molecular and Cellular Cardiology</i> , 2001, 33, A13.	0.9	2