

# Paul Steendijk

## List of Publications by Year in descending order

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242  
papers

14,576  
citations

26630

56  
h-index

21540

114  
g-index

251  
all docs

251  
docs citations

251  
times ranked

11180  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Graded lower body negative pressure induces intraventricular negative pressures and incremental diastolic suction: a pressure-volume study in a porcine model. <i>Journal of Applied Physiology</i> , 2022, 133, 20-26. | 2.5 | 3         |
| 2  | An Understanding of (Mis)Understanders: Exploring the Underlying Mechanisms of Concept Learning Using Functional Magnetic Resonance Imaging. <i>Mind, Brain, and Education</i> , 2021, 15, 129-138.                     | 1.9 | 3         |
| 3  | Pressure-volume loop validation of TAPSE/PASP for right ventricular arterial coupling in heart failure with pulmonary hypertension. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 168-176.           | 1.2 | 40        |
| 4  | Biventricular function in exercise during autonomic (thoracic epidural) block. <i>European Journal of Applied Physiology</i> , 2021, 121, 1405-1418.  | 2.5 | 3         |
| 5  | What Were You Thinking? Medical Students'™ Metacognition and Perceptions of Self-Regulated Learning. <i>Teaching and Learning in Medicine</i> , 2021, 33, 473-482.  | 2.1 | 13        |
| 6  | Predictors and prognosis of right ventricular function in pulmonary hypertension due to heart failure with reduced ejection fraction. <i>ESC Heart Failure</i> , 2021, 8, 2968-2981.                                    | 3.1 | 23        |
| 7  | The effect of peer modelling and discussing modelled feedback principles on medical students'™ feedback skills: a quasi-experimental study. <i>BMC Medical Education</i> , 2021, 21, 332.                               | 2.4 | 3         |
| 8  | Exercise haemodynamics after restrictive mitral annuloplasty for functional mitral regurgitation. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 299-306.   | 1.2 | 1         |
| 9  | Conceptualising spaced learning in health professions education: A scoping review. <i>Medical Education</i> , 2020, 54, 205-216.  | 2.1 | 46        |
| 10 | CaMKII activity contributes to homeometric autoregulation of the heart: A novel mechanism for the Anrep effect. <i>Journal of Physiology</i> , 2020, 598, 3129-3153.  | 2.9 | 23        |
| 11 | Making a Lecture Stick: the Effect of Spaced Instruction on Knowledge Retention in Medical Education. <i>Medical Science Educator</i> , 2020, 30, 1211-1219.  | 1.5 | 8         |
| 12 | Cardiac power output accurately reflects external cardiac work over a wide range of inotropic states in pigs. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 217.  | 1.7 | 11        |
| 13 | Hypercholesterolemia affects cardiac function, infarct size and inflammation in APOE*3-Leiden mice following myocardial ischemia-reperfusion injury. <i>PLoS ONE</i> , 2019, 14, e0217582.                              | 2.5 | 13        |
| 14 | Informing the uninformed: a multitier approach to uncover students'™ misconceptions on cardiovascular physiology. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2019, 43, 7-14.            | 1.6 | 7         |
| 15 | Putting post-decision wagering to the test: a measure of self-perceived knowledge in basic sciences?. <i>Perspectives on Medical Education</i> , 2019, 8, 9-16.   | 3.5 | 6         |
| 16 | Low Cerebral Oxygenation in Preterm Infants Is Associated with Adverse Neurodevelopmental Outcome. <i>Journal of Pediatrics</i> , 2019, 207, 109-116.e2.  | 1.8 | 40        |
| 17 | Peer instruction improves comprehension and transfer of physiological concepts: a randomized comparison with self-explanation. <i>Advances in Health Sciences Education</i> , 2019, 24, 151-165.                        | 3.3 | 26        |
| 18 | Electrical latency predicts the optimal left ventricular endocardial pacing site: results from a multicentre international registry. <i>Europace</i> , 2018, 20, 1989-1996.   | 1.7 | 6         |

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|----|--|-----|-----------|
| 19 | Right heart function interacts with left ventricular remodeling after CRT: A pressure volume loop study. <i>International Journal of Cardiology</i> , 2018, 268, 156-161.  | 1.7 | 11        |
| 20 | Acute stimulation of the soluble guanylate cyclase does not impact on left ventricular capacitance in normal and hypertrophied porcine hearts in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H669-H680.          | 3.2 | 6         |
| 21 | Z-disc protein CHAPb induces cardiomyopathy and contractile dysfunction in the postnatal heart. <i>PLoS ONE</i> , 2017, 12, e0189139.  | 2.5 | 22        |
| 22 | Inotropic Effects of Experimental Hyperthermia and Hypothermia on Left Ventricular Function in Pigs – Comparison With Dobutamine*. <i>Critical Care Medicine</i> , 2016, 44, e158-e167.  | 0.9 | 24        |
| 23 | Thoracic Epidural Anesthesia Reduces Right Ventricular Systolic Function With Maintained Ventricular-Pulmonary Coupling. <i>Circulation</i> , 2016, 134, 1163-1175.  | 1.6 | 26        |
| 24 | Hyperaldosteronism induces left atrial systolic and diastolic dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1014-H1023.  | 3.2 | 16        |
| 25 | Neuronal Nitric Oxide Synthase-Dependent Amelioration of Diastolic Dysfunction in Rats with Chronic Renocardiac Syndrome. <i>CardioRenal Medicine</i> , 2015, 5, 69-78.  | 1.9 | 4         |
| 26 | A porcine model of hypertensive cardiomyopathy: implications for heart failure with preserved ejection fraction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1407-H1418.  | 3.2 | 70        |
| 27 | Abnormal sinoatrial node development resulting from disturbed vascular endothelial growth factor signaling. <i>International Journal of Cardiology</i> , 2015, 183, 249-257.   | 1.7 | 5         |
| 28 | Mild hypothermia induces incomplete left ventricular relaxation despite spontaneous bradycardia in pigs. <i>Acta Physiologica</i> , 2015, 213, 653-663.  | 3.8 | 17        |
| 29 | Autologous Mesenchymal Stem Cells Show More Benefit on Systolic Function Compared to Bone Marrow Mononuclear Cells in a Porcine Model of Chronic Myocardial Infarction. <i>Journal of Cardiovascular Translational Research</i> , 2015, 8, 393-403.              | 2.4 | 18        |
| 30 | Clinical symptoms of right ventricular failure in experimental chronic pressure load are associated with progressive diastolic dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 79, 244-253.   | 1.9 | 38        |
| 31 | Echocardiographic Assessment of Embryonic and Fetal Mouse Heart Development: A Focus on Haemodynamics and Morphology. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.   | 2.1 | 9         |
| 32 | Impact of Pacing Site on QRS Duration and Its Relationship to Hemodynamic Response in Cardiac Resynchronization Therapy for Congestive Heart Failure. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 1012-1020.                                  | 1.7 | 28        |
| 33 | Sildenafil treatment in established right ventricular dysfunction improves diastolic function and attenuates interstitial fibrosis independent from afterload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H361-H369.  | 3.2 | 35        |
| 34 | RP105 deficiency aggravates cardiac dysfunction after myocardial infarction in mice. <i>International Journal of Cardiology</i> , 2014, 176, 788-793.  | 1.7 | 21        |
| 35 | RIGHT VENTRICULAR FAILURE IS DIASTOLIC HEART FAILURE AND IS NOT CAUSED BY HYPERTROPHY OR FIBROSIS. <i>Journal of the American College of Cardiology</i> , 2013, 61, E453.  | 2.8 | 0         |
| 36 | Ambrisentan reduces pulmonary arterial hypertension but does not stimulate alveolar and vascular development in neonatal rats with hyperoxic lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L264-L275. | 2.9 | 18        |

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|----|--|-----|-----------|
| 37 | A cornerstone of heart failure treatment is not effective in experimental right ventricular failure. <i>International Journal of Cardiology</i> , 2013, 169, 183-189.  | 1.7 | 50        |
| 38 | Does left ventricular size impact on intrinsic right ventricular function in hypoplastic left heart syndrome?. <i>International Journal of Cardiology</i> , 2013, 167, 1305-1310.  | 1.7 | 24        |
| 39 | Distinct loading conditions reveal various patterns of right ventricular adaptation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H354-H364.  | 3.2 | 56        |
| 40 | Heart rate reduction by If-inhibition improves vascular stiffness and left ventricular systolic and diastolic function in a mouse model of heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2013, 34, 2839-2849.          | 2.2 | 112       |
| 41 | Mild Hypothermia Attenuates Circulatory and Pulmonary Dysfunction During Experimental Endotoxemia*. <i>Critical Care Medicine</i> , 2013, 41, e401-e410.   | 0.9 | 28        |
| 42 | Xenon and Isoflurane Reduce Left Ventricular Remodeling after Myocardial Infarction in the Rat. <i>Anesthesiology</i> , 2013, 118, 1385-1394.  | 2.5 | 22        |
| 43 | Surgical left ventricular radius enlargement by patch insertion on the beating heart: a new experimental aneurysm model. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 15, 10-13.   | 1.1 | 0         |
| 44 | Phosphodiesterase 4 inhibition attenuates persistent heart and lung injury by neonatal hyperoxia in rats. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L56-L67.   | 2.9 | 41        |
| 45 | Left Ventricular Dysfunction Induced by Nonsevere Idiopathic Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 181-189.  | 5.6 | 74        |
| 46 | Sildenafil enhances systolic adaptation, but does not prevent diastolic dysfunction, in the pressure-loaded right ventricle. <i>European Journal of Heart Failure</i> , 2012, 14, 1067-1074.   | 7.1 | 62        |
| 47 | Left ventricular diastolic dysfunction during acute myocardial infarction: Effect of mild hypothermia. <i>Resuscitation</i> , 2012, 83, 1503-1510.   | 3.0 | 25        |
| 48 | Gender-dependent effects of high-fat lard diet on cardiac function in C57Bl/6J mice. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 214-224.  | 1.9 | 21        |
| 49 | Bramwell-Hill modeling for local aortic pulse wave velocity estimation: a validation study with velocity-encoded cardiovascular magnetic resonance and invasive pressure assessment. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 15. | 3.3 | 55        |
| 50 | Aldosterone promotes atrial fibrillation. <i>European Heart Journal</i> , 2012, 33, 2098-2108.   | 2.2 | 153       |
| 51 | Cardiomyogenic differentiation-independent improvement of cardiac function by human cardiomyocyte progenitor cell injection in ischaemic mouse hearts. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1508-1521.                          | 3.6 | 39        |
| 52 | Xenon is not superior to isoflurane on cardiovascular function during experimental acute pulmonary hypertension. <i>Acta Anaesthesiologica Scandinavica</i> , 2012, 56, 449-458.   | 1.6 | 5         |
| 53 | Cardiovascular consequences of cooling in critical care. <i>Critical Care</i> , 2011, 15, 119.   | 5.8 | 2         |
| 54 | Can we use the end systolic volume index to monitor intrinsic right ventricular function after repair of tetralogy of Fallot?. <i>International Journal of Cardiology</i> , 2011, 147, 52-57.  | 1.7 | 28        |

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|----|--|-----|-----------|
| 55 | Simultaneous estimation of NT-proBNP on top to mitral flow Doppler echocardiography as an accurate strategy to diagnose diastolic dysfunction in HFNEF. <i>International Journal of Cardiology</i> , 2011, 149, 23-29.   | 1.7 | 26        |
| 56 | Sildenafil Improves The Pressure-Loaded Right Ventricle Independent From Its Afterload. , 2011, , .  |     | 0         |
| 57 | Upgrading to Biventricular Pacing Guided by Pressure-Volume Loop Analysis During Implantation. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 677-683.   | 1.7 | 24        |
| 58 | The induction of mild hypothermia improves systolic function of the resuscitated porcine heart at no further sympathetic activation. <i>Acta Physiologica</i> , 2011, 203, 409-418.  | 3.8 | 31        |
| 59 | Surgical Ventricular Restoration for Patients With Ischemic Heart Failure: Determinants of Two-Year Survival. <i>Annals of Thoracic Surgery</i> , 2011, 91, 491-498.   | 1.3 | 30        |
| 60 | Evaluation of pulmonary arterial hypertension: invasive or noninvasive?. <i>International Journal of Cardiovascular Imaging</i> , 2011, 27, 943-945.   | 1.5 | 3         |
| 61 | Myocardial collagen turnover after surgical ventricular restoration in heart failure patients. <i>European Journal of Heart Failure</i> , 2011, 13, 1202-1210.   | 7.1 | 9         |
| 62 | Cardiac Inflammation Contributes to Changes in the Extracellular Matrix in Patients With Heart Failure and Normal Ejection Fraction. <i>Circulation: Heart Failure</i> , 2011, 4, 44-52.   | 3.9 | 493       |
| 63 | Interventional creation of an atrial septal defect and its impact on right ventricular function: an animal study with the pressure-volume conductance system. <i>Cardiology Journal</i> , 2011, 18, 289-96.  | 1.2 | 1         |
| 64 | Toward therapeutic use of hydrogen sulfide in critical care?*. <i>Critical Care Medicine</i> , 2010, 38, 725-727.  | 0.9 | 1         |
| 65 | Cardiovascular dynamics in ischemic cardiomyopathy during exercise. <i>International Journal of Cardiovascular Imaging</i> , 2010, 26, 161-164.  | 1.5 | 0         |
| 66 | Balloon sizing in surgical ventricular restoration: What volume are we targeting?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 240-241.   | 0.8 | 0         |
| 67 | Noninvasive estimation of left ventricular filling pressures in patients with heart failure after surgical ventricular restoration and restrictive mitral annuloplasty. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 807-815.  | 0.8 | 12        |
| 68 | Long-term effects of surgical ventricular restoration with additional restrictive mitral annuloplasty and/or coronary artery bypass grafting on left ventricular function: Six-month follow-up by pressure-volume loops. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 1338-1344. | 0.8 | 25        |
| 69 | Clinical and Functional Effects of Restrictive Mitral Annuloplasty at Midterm Follow-Up in Heart Failure Patients. <i>Annals of Thoracic Surgery</i> , 2010, 90, 1913-1920.  | 1.3 | 30        |
| 70 | Improved aortic pulse wave velocity assessment from multislice two-directional in-plane velocity-encoded magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 1086-1094.   | 3.4 | 44        |
| 71 | Regional aortic pulse wave velocity with 2-directional in-plane velocity-encoded MRI. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, .  | 3.3 | 0         |
| 72 | Single-beat estimation of the left ventricular end-systolic pressure-volume relationship in patients with heart failure. <i>Acta Physiologica</i> , 2010, 198, 37-46.  | 3.8 | 37        |

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|----|---|-----|-----------|
| 73 | Cardiac function during mild hypothermia in pigs: increased inotropy at the expense of diastolic dysfunction. <i>Acta Physiologica</i> , 2010, 199, 43-52.  | 3.8 | 61        |
| 74 | Xenon and isoflurane improved biventricular function during right ventricular ischemia and reperfusion. <i>Acta Anaesthesiologica Scandinavica</i> , 2010, 54, 470-478.   | 1.6 | 15        |
| 75 | Direct Endoscopic Visual Assessment of a Transcatheter Aortic Valve Implantation and Performance in the PhysioHeart, an Isolated Working Heart Platform. <i>Circulation</i> , 2010, 121, e261-2.                            | 1.6 | 16        |
| 76 | Single-beat estimation of the left ventricular end-diastolic pressure-volume relationship in patients with heart failure. <i>Heart</i> , 2010, 96, 213-219.   | 2.9 | 36        |
| 77 | Novel Approaches to Treat Experimental Pulmonary Arterial Hypertension: A Review. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-11.   | 3.0 | 24        |
| 78 | The nitric oxide donor molsidomine rescues cardiac function in rats with chronic kidney disease and cardiac dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H2037-H2045. | 3.2 | 24        |
| 79 | Integrated analysis of atrioventricular interactions in tetralogy of Fallot. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H364-H371.   | 3.2 | 59        |
| 80 | Global strain rate imaging for the estimation of diastolic function in HFNEF compared with pressure-volume loop analysis. <i>European Journal of Echocardiography</i> , 2010, 11, 743-751.                                  | 2.3 | 80        |
| 81 | Resizable Ventricular Patch Plasty in the Porcine Left Ventricle a Pilot Study. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010, 5, 16-21.                                      | 0.9 | 1         |
| 82 | Optimizing Hemodynamics in Heart Failure Patients by Systematic Screening of Left Ventricular Pacing Sites. <i>Journal of the American College of Cardiology</i> , 2010, 55, 566-575.                                       | 2.8 | 248       |
| 83 | Pulmonary Vascular Resistance, Collateral Flow, and Ventricular Function in Patients With a Fontan Circulation at Rest and During Dobutamine Stress. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 623-631.         | 2.6 | 62        |
| 84 | Resizable Ventricular Patch Plasty in the Porcine Left Ventricle a Pilot Study. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010, 5, 16-21.                                      | 0.9 | 0         |
| 85 | Pressure Overload-induced Right Ventricular Failure is Associated with Re-expression of Myocardial Tenascin-C and Elevated Plasma Tenascin-C Levels. <i>Cellular Physiology and Biochemistry</i> , 2009, 24, 201-210.       | 1.6 | 25        |
| 86 | Inverse Relationship between Birth Weight and Blood Pressure in Growth-Retarded but Not in Appropriate for Gestational Age Infants during the First Week of Life. <i>Neonatology</i> , 2009, 96, 86-92.                     | 2.0 | 18        |
| 87 | Blunted frequency-dependent upregulation of cardiac output is related to impaired relaxation in diastolic heart failure. <i>European Heart Journal</i> , 2009, 30, 3027-3036.   | 2.2 | 100       |
| 88 | Short-Term Hemodynamic Effects of Cardiac Resynchronization Therapy in Patients With Heart Failure, a Narrow QRS Duration, and No Dyssynchrony. <i>Circulation</i> , 2009, 120, 1687-1694.                                  | 1.6 | 28        |
| 89 | Histopathological Changes of the Heart After Neonatal Dexamethasone Treatment: Studies in 4-, 8-, and 50-Week-Old Rats. <i>Pediatric Research</i> , 2009, 66, 74-79.  | 2.3 | 29        |
| 90 | Cardiac phase-dependent time normalization reduces load dependence of time-varying elastance. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H342-H349.                              | 3.2 | 5         |

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|-----|--|-----|-----------|
| 91  | Allogenic stem cell therapy improves right ventricular function by improving lung pathology in rats with pulmonary hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H1606-H1616.  | 3.2 | 101       |
| 92  | Response to Letter Regarding Article, "Role of Left Ventricular Stiffness in Heart Failure With Normal Ejection Fraction". <i>Circulation</i> , 2009, 119, .   | 1.6 | 1         |
| 93  | Validation and reproducibility of aortic pulse wave velocity as assessed with velocity-encoded MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 521-526.  | 3.4 | 181       |
| 94  | Modeling the Instantaneous Pressure-Volume Relation of the Left Ventricle: A Comparison of Six Models. <i>Annals of Biomedical Engineering</i> , 2009, 37, 1710-1726.  | 2.5 | 30        |
| 95  | Left ventricular mechanical dyssynchrony is load independent at rest and during endotoxaemia in a porcine model. <i>Acta Physiologica</i> , 2009, 196, 375-383.  | 3.8 | 2         |
| 96  | Anti-ischemic effects of inotropic agents in experimental right ventricular infarction. <i>Acta Anaesthesiologica Scandinavica</i> , 2009, 53, 941-948.  | 1.6 | 33        |
| 97  | Exenatide Reduces Infarct Size and Improves Cardiac Function in a Porcine Model of Ischemia and Reperfusion Injury. <i>Journal of the American College of Cardiology</i> , 2009, 53, 501-510.  | 2.8 | 422       |
| 98  | Heart Failure With Preserved Ejection Fraction Is Characterized by Dynamic Impairment of Active Relaxation and Contraction of the Left Ventricle on Exercise and Associated With Myocardial Energy Deficiency. <i>Journal of the American College of Cardiology</i> , 2009, 54, 402-409. | 2.8 | 266       |
| 99  | Integrated Assessment of Diastolic and Systolic Ventricular Function Using Diagnostic Cardiac Magnetic Resonance Catheterization. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 1271-1281.  | 5.3 | 42        |
| 100 | The fate and role of mesenchymal stem cells engrafted in the heart after a myocardial infarction during a second ischemic event*. <i>Critical Care Medicine</i> , 2009, 37, 1130-1131.   | 0.9 | 0         |
| 101 | Optimizing the shape of defibrillation shocks*. <i>Critical Care Medicine</i> , 2009, 37, 2482-2483.   | 0.9 | 0         |
| 102 | Continuous right ventricular volumetry by fast-response thermodilution during right ventricular ischemia: Head-to-head comparison with conductance catheter measurements*. <i>Critical Care Medicine</i> , 2009, 37, 2962-2967.  | 0.9 | 25        |
| 103 | Impact of calcium-channel blockers on right heart function in a controlled model of chronic pulmonary hypertension. <i>European Journal of Anaesthesiology</i> , 2009, 26, 253-259.  | 1.7 | 10        |
| 104 | Comparison of 3 methods to induce acute pulmonary hypertension in pigs. <i>Comparative Medicine</i> , 2009, 59, 280-6.   | 1.0 | 19        |
| 105 | Forced Myocardin Expression Enhances the Therapeutic Effect of Human Mesenchymal Stem Cells After Transplantation in Ischemic Mouse Hearts. <i>Stem Cells</i> , 2008, 26, 1083-1093.   | 3.2 | 60        |
| 106 | Left ventricular function in the post-infarct failing mouse heart by magnetic resonance imaging and conductance catheter: a comparative analysis. <i>Acta Physiologica</i> , 2008, 194, 111-122.   | 3.8 | 21        |
| 107 | Chronic right ventricular pressure overload results in a hyperplastic rather than a hypertrophic myocardial response. <i>Journal of Anatomy</i> , 2008, 212, 286-294.  | 1.5 | 29        |
| 108 | Establishment of a porcine right ventricular infarction model for cardioprotective actions of xenon and isoflurane. <i>Acta Anaesthesiologica Scandinavica</i> , 2008, 52, 1194-1203.  | 1.6 | 23        |

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|-----|---|-----|-----------|
| 109 | Effects of Percutaneous Transluminal Septal Myocardial Ablation for Obstructive Hypertrophic Cardiomyopathy on Systolic and Diastolic Left Ventricular Function Assessed by Pressure-Volume Loops. <i>American Journal of Cardiology</i> , 2008, 101, 1179-1184.                          | 1.6 | 15        |
| 110 | The Relationship Between Carotid Blood-Flow Velocity and the Left Ventricular Area During Acute Regional Ischemia. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2008, 22, 823-831.  | 1.3 | 1         |
| 111 | Role of Left Ventricular Stiffness in Heart Failure With Normal Ejection Fraction. <i>Circulation</i> , 2008, 117, 2051-2060.   | 1.6 | 403       |
| 112 | Pressure-volume loop analysis during implantation of biventricular pacemaker/cardiac resynchronization therapy device to optimize right and left ventricular pacing sites. <i>European Heart Journal</i> , 2008, 30, 797-804.   | 2.2 | 23        |
| 113 | Haemodynamics and left ventricular function in heart failure patients: Comparison of awake versus intraoperative conditions. <i>European Journal of Heart Failure</i> , 2008, 10, 467-474.  | 7.1 | 8         |
| 114 | Long-term cardiovascular effects of neonatal dexamethasone treatment: hemodynamic follow-up by left ventricular pressure-volume loops in rats. <i>Journal of Applied Physiology</i> , 2008, 104, 446-450.   | 2.5 | 34        |
| 115 | Negative effects of rofecoxib treatment on cardiac function after ischemia-reperfusion injury in APOE*3Leiden mice are prevented by combined treatment with thromboxane prostanoid-receptor antagonist S18886 (terutroban)*. <i>Critical Care Medicine</i> , 2008, 36, 2576-2582.         | 0.9 | 35        |
| 116 | Mesenchymal stem cells from ischemic heart disease patients improve left ventricular function after acute myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H2438-H2447.   | 3.2 | 57        |
| 117 | Preservation of Left Ventricular Function and Attenuation of Remodeling After Transplantation of Human Epicardium-Derived Cells Into the Infarcted Mouse Heart. <i>Circulation</i> , 2007, 116, 917-927.  | 1.6 | 139       |
| 118 | Cyclooxygenase-2 Inhibition Increases Mortality, Enhances Left Ventricular Remodeling, and Impairs Systolic Function After Myocardial Infarction in the Pig. <i>Circulation</i> , 2007, 115, 326-332.   | 1.6 | 113       |
| 119 | INTERATRIAL SHUNT FOR CHRONIC PULMONARY HYPERTENSION: DIFFERENTIAL IMPACT OF LOW-FLOW VS HIGH-FLOW SHUNTING. <i>Chest</i> , 2007, 132, 487B.  | 0.8 | 0         |
| 120 | Effect of thoracic epidural anesthesia on right ventricular function and homeometric autoregulation*. <i>Critical Care Medicine</i> , 2007, 35, 321-322.  | 0.9 | 2         |
| 121 | Utility of Doppler Echocardiography and Tissue Doppler Imaging in the Estimation of Diastolic Function in Heart Failure With Normal Ejection Fraction. <i>Circulation</i> , 2007, 116, 637-647.   | 1.6 | 917       |
| 122 | Clinical Efficacy of Surgical Heart Failure Therapy by Ventricular Restoration and Restrictive Mitral Annuloplasty. <i>Journal of Cardiac Failure</i> , 2007, 13, 178-183.  | 1.7 | 18        |
| 123 | Activation of signaling molecules and matrix metalloproteinases in right ventricular myocardium of rats with pulmonary hypertension. <i>Pathology Research and Practice</i> , 2007, 203, 863-872.   | 2.3 | 33        |
| 124 | Relative Merits of M-Mode Echocardiography and Tissue Doppler Imaging for Prediction of Response to Cardiac Resynchronization Therapy in Patients With Heart Failure Secondary to Ischemic or Idiopathic Dilated Cardiomyopathy. <i>American Journal of Cardiology</i> , 2007, 99, 68-74. | 1.6 | 56        |
| 125 | Left ventricular dyssynchrony in patients with heart failure: pathophysiology, diagnosis and treatment. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2006, 3, 213-219.   | 3.3 | 61        |
| 126 | Time-Varying Elastance Concept Applied to the Relation of Carotid Arterial Flow Velocity and Ventricular Area. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2006, 20, 340-346.  | 1.3 | 9         |



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|-----|--|-----|-----------|
| 127 | AB43-5. Heart Rhythm, 2006, 3, S90.  | 0.7 | 0         |
| 128 | Cardiac Resynchronization Therapy in Patients With a Narrow QRS Complex. Journal of the American College of Cardiology, 2006, 48, 2243-2250.   | 2.8 | 234       |
| 129 | Characterization of right ventricular function after monocrotaline-induced pulmonary hypertension in the intact rat. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H2424-H2430.  | 3.2 | 136       |
| 130 | Beneficial Hemodynamic and Clinical Effects of Surgical Ventricular Restoration in Patients With Ischemic Dilated Cardiomyopathy. Annals of Thoracic Surgery, 2006, 82, 1721-1727.   | 1.3 | 38        |
| 131 | Right and left ventricular function after chronic pulmonary artery banding in rats assessed with biventricular pressure-volume loops. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H1580-H1586.   | 3.2 | 134       |
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| 133 | The role of nitric oxide signaling in sepsis-induced myocardial dysfunction*. Critical Care Medicine, 2006, 34, 255-257.   | 0.9 | 0         |
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