

Peter Agger

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

647
citations

516710

16
h-index

580821

25
g-index

40
all docs

40
docs citations

40
times ranked

855
citing authors

#	ARTICLE	IF	CITATIONS
1	Veno-occlusive unloading of the heart reduces infarct size in experimental ischemiaâ€“reperfusion. Scientific Reports, 2021, 11, 4483.	3.3	1
2	Norepinephrine and dobutamine improve cardiac index equally by supporting opposite sides of the heart in an experimental model of chronic pulmonary hypertension. Intensive Care Medicine Experimental, 2021, 9, 29.	1.9	4
3	Magnetic resonance hyperpolarization imaging detects early myocardial dysfunction in a porcine model of right ventricular heart failure. European Heart Journal Cardiovascular Imaging, 2020, 21, 93-101.	1.2	11
4	Ventricular mural architecture. Revista Espanola De Cardiologia (English Ed), 2020, 73, 186.	0.6	0
5	Anatomically correct assessment of the orientation of the cardiomyocytes using diffusion tensor imaging. NMR in Biomedicine, 2020, 33, e4205.	2.8	11
6	Assessing Myocardial Architecture: The Challenges and Controversies. Journal of Cardiovascular Development and Disease, 2020, 7, 47.	1.6	6
7	Increasing carbohydrate oxidation improves contractile reserves and prevents hypertrophy in porcine right heart failure. Scientific Reports, 2020, 10, 8158.	3.3	24
8	Decreased right ventricular longitudinal strain in children with hypoplastic left heart syndrome during staged repair and follow-up: does it have implications in clinically stable patients?. International Journal of Cardiovascular Imaging, 2020, 36, 1667-1677.	1.5	11
9	New Device for Noninvasive Telemetric Monitoring of Vital Signs in Healthy and Newly Operated Piglets. Journal of the American Association for Laboratory Animal Science, 2020, 59, 90-93.	1.2	1
10	Arquitectura de la pared ventricular. Revista Espanola De Cardiologia, 2020, 73, 186-187.	1.2	1
11	Resolving the natural myocardial remodelling brought upon by cardiac contraction; a porcine ex-vivo cardiovascular magnetic resonance study of the left and right ventricle. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 35.	3.3	13
12	How are the cardiomyocytes aggregated together within the walls of the left ventricular cone?. Journal of Anatomy, 2019, 235, 697-705.	1.5	18
13	Magnetic resonance hyperpolarisation imaging detects early myocardial dysfunction in a porcine model of right ventricular heart failure. FASEB Journal, 2019, 33, 831.4.	0.5	0
14	3D reconstruction and fiber quantification in the pig lower esophageal sphincter region using in vitro diffusion tensor imaging. Biomedical Physics and Engineering Express, 2018, 4, 025002.	1.2	5
15	The end of the unique myocardial band: Part I. Anatomical considerations. European Journal of Cardio-thoracic Surgery, 2018, 53, 112-119.	1.4	37
16	The incorrect notion of the â€“unique myocardial bandâ€™. European Journal of Cardio-thoracic Surgery, 2018, 54, 612-612.	1.4	1
17	The end of the unique myocardial band: Part II. Clinical and functional considerations. European Journal of Cardio-thoracic Surgery, 2018, 53, 120-128.	1.4	24
18	Resolving the True Ventricular Mural Architecture. Journal of Cardiovascular Development and Disease, 2018, 5, 34.	1.6	19

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19	The human fetal right ventricular myocardium appears without a sub-epicardial base-apex oriented layer of myocytes. <i>Pediatric Research</i> , 2017, 81, 396-397.	2.3	0
20	Hyperbaric oxygen therapy reduces renal lactate production. <i>Physiological Reports</i> , 2017, 5, e13217.	1.7	14
21	Injuries during football tournaments in 45,000 children and adolescents. <i>European Journal of Sport Science</i> , 2016, 16, 1167-1175.	2.7	8
22	Insights from echocardiography, magnetic resonance imaging, and microcomputed tomography relative to the mid-myocardial left ventricular echogenic zone. <i>Echocardiography</i> , 2016, 33, 1546-1556.	0.9	19
23	The functional architecture of skeletal compared to cardiac musculature: Myocyte orientation, lamellar unit morphology, and the helical ventricular myocardial band. <i>Clinical Anatomy</i> , 2016, 29, 316-332.	2.7	24
24	The hypertrabeculated (noncompacted) left ventricle is different from the ventricle of embryos and ectothermic vertebrates. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1696-1706.	4.1	47
25	The myocardial architecture changes in persistent pulmonary hypertension of the newborn in an ovine animal model. <i>Pediatric Research</i> , 2016, 79, 565-574.	2.3	26
26	Changes in overall ventricular myocardial architecture in the setting of a porcine animal model of right ventricular dilation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 93.	3.3	26
27	Optimal preservation of porcine cardiac tissue prior to diffusion tensor magnetic resonance imaging. <i>Journal of Anatomy</i> , 2015, 227, 695-701.	1.5	12
28	Assessment of the Helical Ventricular Myocardial Band Using Standard Echocardiography. <i>Echocardiography</i> , 2015, 32, 1601-1602.	0.9	3
29	Effects of milrinone and epinephrine or dopamine on biventricular function and hemodynamics in an animal model with right ventricular failure after pulmonary artery banding. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H206-H212.	3.2	19
30	Effects of milrinone and epinephrine or dopamine on biventricular function and hemodynamics in right heart failure after pulmonary regurgitation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H860-H866.	3.2	14
31	Delayed uptake and washout of contrast in non-viable infarcted myocardium shown with dynamic computed tomography. <i>Cardiovascular Diagnosis and Therapy</i> , 2014, 4, 350-6.	1.7	1
32	Regional and Epicardial to Endocardial Differences in Transmural Angles of Left Ventricular Cardiomyocytes Measured in <i>Ex Vivo</i> Pig Hearts: Functional Implications. <i>Anatomical Record</i> , 2013, 296, 1724-1734.	1.4	19
33	Inside Out: Modern Imaging Techniques to Reveal Animal Anatomy. <i>PLoS ONE</i> , 2011, 6, e17879.	2.5	67
34	Comparison Between TachoComb and TachoSil for Surgical Hemostasis in Arterial Bleeding: An Animal Experimental Study. <i>Journal of Trauma</i> , 2010, 68, 838-842.	2.3	20
35	A novel porcine model for right ventricular dilatation by external suture plication of the pulmonary valve leaflets – practical and reproducible†. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010, 10, 962-966.	1.1	16
36	A catheter based chronic porcine model of post-infarct dilated heart failure. <i>Scandinavian Cardiovascular Journal</i> , 2009, 43, 260-266.	1.2	2

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37	The Three-Dimensional Arrangement of the Myocytes Aggregated Together Within the Mammalian Ventricular Myocardium. <i>Anatomical Record</i> , 2009, 292, 1-11.	1.4	79
38	The Three-Dimensional Arrangement of the Myocytes Aggregated Together Within the Mammalian Ventricular Myocardium. <i>Anatomical Record</i> , 2009, 292, spc1-spc1.	1.4	0
39	Normal Right Ventricular Three-Dimensional Architecture, as Assessed with Diffusion Tensor Magnetic Resonance Imaging, is Preserved During Experimentally Induced Right Ventricular Hypertrophy. <i>Anatomical Record</i> , 2009, 292, 640-651.	1.4	44