

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	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
2	Inside Out: Modern Imaging Techniques to Reveal Animal Anatomy. <i>PLoS ONE</i> , 2011, 6, e17879.	2.5	67
3	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
4	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
5	The end of the unique myocardial band: Part I. Anatomical considerations. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 112-119.	1.4	37
6	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
7	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
8	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
9	The end of the unique myocardial band: Part II. Clinical and functional considerations. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 120-128.	1.4	24
10	Increasing carbohydrate oxidation improves contractile reserves and prevents hypertrophy in porcine right heart failure. <i>Scientific Reports</i> , 2020, 10, 8158.	3.3	24
11	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
12	Regional and Epitopical 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
13	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
14	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
15	Resolving the True Ventricular Mural Architecture. <i>Journal of Cardiovascular Development and Disease</i> , 2018, 5, 34.	1.6	19
16	How are the cardiomyocytes aggregated together within the walls of the left ventricular cone?. <i>Journal of Anatomy</i> , 2019, 235, 697-705.	1.5	18
17	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
18	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

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19	Hyperbaric oxygen therapy reduces renal lactate production. <i>Physiological Reports</i> , 2017, 5, e13217.	1.7	14
20	Resolving the natural myocardial remodelling brought upon by cardiac contraction; a porcine ex-vivo cardiovascular magnetic resonance study of the left and right ventricle. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 35.	3.3	13
21	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
22	Magnetic resonance hyperpolarization imaging detects early myocardial dysfunction in a porcine model of right ventricular heart failure. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 93-101.	1.2	11
23	Anatomically correct assessment of the orientation of the cardiomyocytes using diffusion tensor imaging. <i>NMR in Biomedicine</i> , 2020, 33, e4205.	2.8	11
24	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?. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 1667-1677.	1.5	11
25	Injuries during football tournaments in 45,000 children and adolescents. <i>European Journal of Sport Science</i> , 2016, 16, 1167-1175.	2.7	8
26	Assessing Myocardial Architecture: The Challenges and Controversies. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 47.	1.6	6
27	3D reconstruction and fiber quantification in the pig lower esophageal sphincter region using in vitro diffusion tensor imaging. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 025002.	1.2	5
28	Norepinephrine and dobutamine improve cardiac index equally by supporting opposite sides of the heart in an experimental model of chronic pulmonary hypertension. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 29.	1.9	4
29	Assessment of the Helical Ventricular Myocardial Band Using Standard Echocardiography. <i>Echocardiography</i> , 2015, 32, 1601-1602.	0.9	3
30	A catheter based chronic porcine model of post-infarct dilated heart failure. <i>Scandinavian Cardiovascular Journal</i> , 2009, 43, 260-266.	1.2	2
31	The incorrect notion of the "unique myocardial band"™. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 612-612.	1.4	1
32	Veno-occlusive unloading of the heart reduces infarct size in experimental ischemia-reperfusion. <i>Scientific Reports</i> , 2021, 11, 4483.	3.3	1
33	New Device for Noninvasive Telemetric Monitoring of Vital Signs in Healthy and Newly Operated Piglets. <i>Journal of the American Association for Laboratory Animal Science</i> , 2020, 59, 90-93.	1.2	1
34	Arquitectura de la pared ventricular. <i>Revista Espanola De Cardiologia</i> , 2020, 73, 186-187.	1.2	1
35	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
36	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

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37	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
38	Ventricular mural architecture. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2020, 73, 186.	0.6	0
39	Magnetic resonance hyperpolarisation imaging detects early myocardial dysfunction in a porcine model of right ventricular heart failure. <i>FASEB Journal</i> , 2019, 33, 831.4.	0.5	0