Truls Myrmel

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4382315/publications.pdf

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		933447	713466
23	426	10	21
papers	citations	h-index	g-index

23	23	23	572
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Myocardial substrate metabolism influences left ventricular energetics in vivo. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 278, H1345-H1351.	3.2	222
2	Myosin Activator Omecamtiv Mecarbil Increases Myocardial Oxygen Consumption and Impairs Cardiac Efficiency Mediated by Resting Myosin ATPase Activity. Circulation: Heart Failure, 2015, 8, 766-775.	3.9	48
3	Oxygen-Wasting Effect of Inotropy. Circulation: Heart Failure, 2010, 3, 277-285.	3.9	23
4	The Acute Phase of Experimental Cardiogenic Shock Is Counteracted by Microcirculatory and Mitochondrial Adaptations. PLoS ONE, 2014, 9, e105213.	2.5	15
5	Nitric oxide synthase inhibition impairs myocardial efficiency and ventriculo-arterial matching in acute ischemic heart failure. European Journal of Heart Failure, 2004, 6, 705-713.	7.1	12
6	Phospholipase C-evoked glycerol release in energy depleted rat myocardial cells. Molecular and Cellular Biochemistry, 1989, 88, 107-11.	3.1	11
7	Effects of hypoxia on lipolysis in isolated rat myocardial cells. Molecular and Cellular Biochemistry, 1989, 88, 139-44.	3.1	11
8	Opposite diastolic effects of omecamtiv mecarbil versus dobutamine and ivabradine co-treatment in pigs with acute ischemic heart failure. Physiological Reports, 2018, 6, e13879.	1.7	11
9	Oxygen-wasting effect of inotropyâ€‰in the â€œvirtual work modelâ€• American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H1339-H1345.	3.2	10
10	Myocardial metabolism and efficiency after warm continuous blood cardioplegia. Annals of Thoracic Surgery, 2000, 69, 1799-1805.	1.3	10
11	New Aspects of Myocardial Oxygen Consumption. Invited review. Scandinavian Cardiovascular Journal, 2000, 34, 233-241.	1.2	10
12	Mechanoenergetic inefficiency in the septic left ventricle is due to enhanced oxygen requirements for excitation?contraction coupling. Cardiovascular Research, 2004, 63, 256-263.	3.8	9
13	Three-dimensional structured illumination microscopy data of mitochondria and lysosomes in cardiomyoblasts under normal and galactose-adapted conditions. Scientific Data, 2022, 9, 98.	5.3	8
14	Mitochondrial dynamics and quantification of mitochondriaâ€derived vesicles in cardiomyoblasts using structured illumination microscopy. Journal of Biophotonics, 2022, 15, e202100305.	2.3	7
15	Increased oxygen cost of contractility in the endotoxemic porcine left ventricle. Scandinavian Cardiovascular Journal, 2004, 38, 187-192.	1.2	5
16	Hemodynamic Effects of a Soluble Guanylate Cyclase Stimulator, Riociguat, and an Activator, Cinaciguat, During NO-Modulation in Healthy Pigs. Journal of Cardiovascular Pharmacology and Therapeutics, 2021, 26, 75-87.	2.0	5
17	Prolonged observation time reveals temporal fluctuations in the sublingual microcirculation in pigs given arginine vasopressin. Journal of Applied Physiology, 2015, 118, 965-970.	2.5	3
18	Reassessment of a Suggested Pharmacological Approach to Heart Failure. Journal of Cardiovascular Pharmacology, 2012, 60, 262-268.	1.9	2

#	Article	IF	Citations
19	The effect of Riociguat on cardiovascular function and efficiency in healthy, juvenile pigs. Physiological Reports, 2020, 8, e14562.	1.7	2
20	Translational research: Sounds intriguing, but can at times be a frustrating endeavor. How can we improve our methodology?. Scandinavian Cardiovascular Journal, 2015, 49, 115-116.	1.2	1
21	Combined Therapy With Dobutamine and Omecamtiv Mecarbil in Pigs With Ischemic Acute Heart Failure Is Attributed to the Effect of Dobutamine. Journal of Cardiovascular Pharmacology and Therapeutics, 2020, 25, 232-239.	2.0	1
22	Propulsion of blood through the right heart circulatory system. Scandinavian Cardiovascular Journal, 2018, 52, 4-12.	1.2	0
23	The risk factors for radial artery and saphenous vein graft occlusion are different. Scandinavian Cardiovascular Journal, 2022, 56, 127-131.	1.2	0