

Truls Myrmel

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

426
citations

933447

10
h-index

713466

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23
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docs citations

23
times ranked

572
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial dynamics and quantification of mitochondria-derived vesicles in cardiomyoblasts using structured illumination microscopy. <i>Journal of Biophotonics</i> , 2022, 15, e202100305.	2.3	7
2	Three-dimensional structured illumination microscopy data of mitochondria and lysosomes in cardiomyoblasts under normal and galactose-adapted conditions. <i>Scientific Data</i> , 2022, 9, 98.	5.3	8
3	The risk factors for radial artery and saphenous vein graft occlusion are different. <i>Scandinavian Cardiovascular Journal</i> , 2022, 56, 127-131.	1.2	0
4	Hemodynamic Effects of a Soluble Guanylate Cyclase Stimulator, Riociguat, and an Activator, Cinaciguat, During NO-Modulation in Healthy Pigs. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2021, 26, 75-87.	2.0	5
5	Combined Therapy With Dobutamine and Omecamtiv Mecarbil in Pigs With Ischemic Acute Heart Failure Is Attributed to the Effect of Dobutamine. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2020, 25, 232-239.	2.0	1
6	The effect of Riociguat on cardiovascular function and efficiency in healthy, juvenile pigs. <i>Physiological Reports</i> , 2020, 8, e14562.	1.7	2
7	Propulsion of blood through the right heart circulatory system. <i>Scandinavian Cardiovascular Journal</i> , 2018, 52, 4-12.	1.2	0
8	Opposite diastolic effects of omecamtiv mecarbil versus dobutamine and ivabradine co-treatment in pigs with acute ischemic heart failure. <i>Physiological Reports</i> , 2018, 6, e13879.	1.7	11
9	Prolonged observation time reveals temporal fluctuations in the sublingual microcirculation in pigs given arginine vasopressin. <i>Journal of Applied Physiology</i> , 2015, 118, 965-970.	2.5	3
10	Translational research: Sounds intriguing, but can at times be a frustrating endeavor. How can we improve our methodology?. <i>Scandinavian Cardiovascular Journal</i> , 2015, 49, 115-116.	1.2	1
11	Myosin Activator Omecamtiv Mecarbil Increases Myocardial Oxygen Consumption and Impairs Cardiac Efficiency Mediated by Resting Myosin ATPase Activity. <i>Circulation: Heart Failure</i> , 2015, 8, 766-775.	3.9	48
12	The Acute Phase of Experimental Cardiogenic Shock Is Counteracted by Microcirculatory and Mitochondrial Adaptations. <i>PLoS ONE</i> , 2014, 9, e105213.	2.5	15
13	Reassessment of a Suggested Pharmacological Approach to Heart Failure. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 60, 262-268.	1.9	2
14	Oxygen-Wasting Effect of Inotropy. <i>Circulation: Heart Failure</i> , 2010, 3, 277-285.	3.9	23
15	Mechanoenergetic inefficiency in the septic left ventricle is due to enhanced oxygen requirements for excitation-contraction coupling. <i>Cardiovascular Research</i> , 2004, 63, 256-263.	3.8	9
16	Increased oxygen cost of contractility in the endotoxemic porcine left ventricle. <i>Scandinavian Cardiovascular Journal</i> , 2004, 38, 187-192.	1.2	5
17	Nitric oxide synthase inhibition impairs myocardial efficiency and ventriculo-arterial matching in acute ischemic heart failure. <i>European Journal of Heart Failure</i> , 2004, 6, 705-713.	7.1	12
18	Myocardial substrate metabolism influences left ventricular energetics in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 278, H1345-H1351.	3.2	222

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19	Myocardial metabolism and efficiency after warm continuous blood cardioplegia. <i>Annals of Thoracic Surgery</i> , 2000, 69, 1799-1805.	1.3	10
20	New Aspects of Myocardial Oxygen Consumption. Invited review. <i>Scandinavian Cardiovascular Journal</i> , 2000, 34, 233-241.	1.2	10
21	Oxygen-wasting effect of inotropy in the "virtual work model". <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 276, H1339-H1345.	3.2	10
22	Phospholipase C-evoked glycerol release in energy depleted rat myocardial cells. <i>Molecular and Cellular Biochemistry</i> , 1989, 88, 107-11.	3.1	11
23	Effects of hypoxia on lipolysis in isolated rat myocardial cells. <i>Molecular and Cellular Biochemistry</i> , 1989, 88, 139-44.	3.1	11