

Stéphane Delliaux

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

660
citations

623734

14
h-index

580821

25
g-index

32
all docs

32
docs citations

32
times ranked

989
citing authors

#	ARTICLE	IF	CITATIONS
1	Mental Workload Alters Heart Rate Variability, Lowering Non-linear Dynamics. <i>Frontiers in Physiology</i> , 2019, 10, 565.	2.8	78
2	Accuracy of the double indicator method for measurement of extravascular lung water depends on the type of acute lung injury*. <i>Critical Care Medicine</i> , 2004, 32, 811-817.	0.9	72
3	Cytokine and Oxidative Responses to Maximal Cycling Exercise in Sedentary Subjects. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 964-968.	0.4	62
4	Reliability of different blood indices to explore the oxidative stress in response to maximal cycling and static exercises. <i>Clinical Physiology and Functional Imaging</i> , 2006, 26, 106-112.	1.2	39
5	The oxidative stress in response to routine incremental cycling exercise in healthy sedentary subjects. <i>Respiratory Physiology and Neurobiology</i> , 2004, 144, 81-90.	1.6	38
6	Reactive oxygen species activate the group IV muscle afferents in resting and exercising muscle in rats. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 459, 143-150.	2.8	38
7	Risk factors for late-onset ventilator-associated pneumonia in trauma patients receiving selective digestive decontamination. <i>Intensive Care Medicine</i> , 2005, 31, 64-70.	8.2	35
8	Effects of hypoxia on muscle response to tendon vibration in humans. <i>Muscle and Nerve</i> , 2006, 34, 754-761.	2.2	34
9	Post-exercise heart rate recovery in healthy, obese, and COPD subjects: relationships with blood lactic acid and PaO ₂ levels. <i>Clinical Research in Cardiology</i> , 2009, 98, 52-58.	3.3	33
10	Evaluation of muscle metaboreflex function through graded reduction in forearm blood flow during rhythmic handgrip exercise in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H609-H616.	3.2	28
11	Enhanced exercise-induced plasma cytokine response and oxidative stress in COPD patients depend on blood oxygenation. <i>Clinical Physiology and Functional Imaging</i> , 2008, 28, 182-188.	1.2	20
12	Zeolites are effective ROS-scavengers in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 478-483.	2.1	20
13	Physiological, histological and biochemical properties of rat skeletal muscles in response to hindlimb suspension. <i>Journal of Electromyography and Kinesiology</i> , 2008, 18, 276-283.	1.7	19
14	Fatigue-induced changes in tonic vibration response (TVR) in humans: Relationships between electromyographic and biochemical events. <i>Muscle and Nerve</i> , 2008, 38, 1481-1489.	2.2	18
15	The changes in neuromuscular excitability with normobaric hyperoxia in humans. <i>Experimental Physiology</i> , 2010, 95, 153-159.	2.0	14
16	Effect of voluntary hypocapnic hyperventilation on cutaneous circulation in resting heated humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R975-R983.	1.8	14
17	Endogenous adenosine release is involved in the control of heart rate in rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015, 93, 667-675.	1.4	12
18	Reactive oxygen species and inflammatory mediators enhance muscle spindles mechanosensitivity in rats. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 457, 877-884.	2.8	11

#	ARTICLE	IF	CITATIONS
19	Combination of two oxidant stressors suppresses the oxidative stress and enhances the heat shock protein 27 response in healthy humans. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 879-886.	3.4	11
20	Heart rhythm characterization through induced physiological variables. <i>Scientific Reports</i> , 2017, 7, 5059.	3.3	9
21	Inter-individual differences in breathing pattern at high levels of incremental cycling exercise in healthy subjects. <i>Respiratory Physiology and Neurobiology</i> , 2013, 189, 59-66.	1.6	8
22	Fatiguing stimulation of one skeletal muscle triggers heat shock proteins activation in several rat organs: the role of muscle innervation. <i>Journal of Experimental Biology</i> , 2012, 215, 4041-8.	1.7	7
23	A filter approach for feature selection in classification: application to automatic atrial fibrillation detection in electrocardiogram recordings. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 130.	3.0	7
24	Consequences of prolonged total thermoneutral immersion on muscle performance and EMG activity. <i>Pflügers Archiv European Journal of Physiology</i> , 2008, 455, 903-911.	2.8	6
25	Cardiovascular responses to forearm muscle metaboreflex activation during hypercapnia in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R43-R50.	1.8	6
26	Exercise-induced oxidative stress influences the motor control during maximal incremental cycling exercise in healthy humans. <i>Respiratory Physiology and Neurobiology</i> , 2013, 186, 265-272.	1.6	5
27	The mechanisms of the widespread production of phosphorylated HSP25 after fatiguing muscle stimulation. <i>Journal of Experimental Biology</i> , 2013, 216, 3620-6.	1.7	2
28	Automatic Atrial Fibrillation Arrhythmia Detection Using Univariate and Multivariate Data. <i>Algorithms</i> , 2022, 15, 231.	2.1	2
29	Cardiopulmonary Response to Exercise in COPD and Overweight Patients: Relationship between Unloaded Cycling and Maximal Oxygen Uptake Profiles. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	1
30	An Efficient Pattern Recognition Kernel-Based Method for Atrial Fibrillation Diagnosis. , 0, , .		1
31	Muscle Metaboreflex Functions During Dynamic Exercise in Humans. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 244-245.	0.4	0