

Philippe Morimont

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

350
citations

1040056

9
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

498
citing authors

#	ARTICLE	IF	CITATIONS
1	Letter to the Editor in response to "COVID-19: desperate times call for desperate measures", Critical Care, 2020, 24, 415.	5.8	0
2	In-Parallel Ventilator Sharing during an Acute Shortage: Too Much Risk for a Wider Uptake. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1316-1317.	5.6	8
3	Safe doubling of ventilator capacity: a last resort proposal for last resorts. Critical Care, 2020, 24, 222.	5.8	14
4	Model-Based Weaning Tests for VA-ECLS Therapy. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-15.	1.3	0
5	Extracorporeal CO ₂ removal and regional citrate anticoagulation in an experimental model of hypercapnic acidosis. Artificial Organs, 2019, 43, 719-727.	1.9	9
6	Mathematical modeling of extracorporeal CO ₂ removal therapy. Medical and Biological Engineering and Computing, 2018, 56, 421-434.	2.8	1
7	Minimally invasive estimation of ventricular dead space volume through use of Frank-Starling curves. PLoS ONE, 2017, 12, e0176302.	2.5	7
8	Model-based computation of total stressed blood volume from a preload reduction manoeuvre. Mathematical Biosciences, 2015, 265, 28-39.	1.9	17
9	Molding thrombus of an ECMO cannula floating in the right atrium. Intensive Care Medicine, 2015, 41, 1965-1966.	8.2	8
10	Update on the role of extracorporeal CO ₂ removal as an adjunct to mechanical ventilation in ARDS. Critical Care, 2015, 19, 117.	5.8	21
11	Re: Chung et al.'s Letter to the Editor in response to: Early detection of abnormal left ventricular relaxation in acute myocardial ischemia with a quadratic model. Med Eng Phys 2014;36(September) Tj ETQq1 1 0.787314 rgbOT /Overl		
12	Use of a pediatric oxygenator integrated in a veno-venous hemofiltration circuit to remove CO ₂ : A case report in a severe burn patient with refractory hypercapnia. Burns, 2014, 40, e57-e60.	1.9	4
13	Early detection of abnormal left ventricular relaxation in acute myocardial ischemia with a quadratic model. Medical Engineering and Physics, 2014, 36, 1101-1105.	1.7	2
14	Arterial dP/dt _{max} accurately reflects left ventricular contractility during shock when adequate vascular filling is achieved. BMC Cardiovascular Disorders, 2012, 12, 13.	1.7	47
15	Clinical detection and monitoring of acute pulmonary embolism: proof of concept of a computer-based method. Annals of Intensive Care, 2011, 1, 33.	4.6	15
16	Effective arterial elastance as an index of pulmonary vascular load. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2736-H2742.	3.2	76
17	Effect of BM-573 [N-Terbutyl-N ^ε -[2-(4-methylphenylamino)-5-nitro-benzenesulfonyl]urea], a Dual Thromboxane Synthase Inhibitor and Thromboxane Receptor Antagonist, in a Porcine Model of Acute Pulmonary Embolism. Journal of Pharmacology and Experimental Therapeutics, 2004, 310, 964-972.	2.5	34
18	Comparison between single-beat and multiple-beat methods for estimation of right ventricular contractility. Critical Care Medicine, 2004, 32, 1886-1890.	0.9	26

#	ARTICLE	IF	CITATIONS
19	Effects of endotoxic shock on right ventricular systolic function and mechanical efficiency. Cardiovascular Research, 2003, 59, 412-418.	3.8	55