

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	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
2	Effects of endotoxic shock on right ventricular systolic function and mechanical efficiency. Cardiovascular Research, 2003, 59, 412-418.	3.8	55
3	Arterial dP/dtmax accurately reflects left ventricular contractility during shock when adequate vascular filling is achieved. BMC Cardiovascular Disorders, 2012, 12, 13.	1.7	47
4	Effect of BM-573 [N-Terbutyl-N-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
5	Comparison between single-beat and multiple-beat methods for estimation of right ventricular contractility. Critical Care Medicine, 2004, 32, 1886-1890.	0.9	26
6	Update on the role of extracorporeal CO2 removal as an adjunct to mechanical ventilation in ARDS. Critical Care, 2015, 19, 117.	5.8	21
7	Model-based computation of total stressed blood volume from a preload reduction manoeuvre. Mathematical Biosciences, 2015, 265, 28-39.	1.9	17
8	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
9	Safe doubling of ventilator capacity: a last resort proposal for last resorts. Critical Care, 2020, 24, 222.	5.8	14
10	Extracorporeal CO2 removal and regional citrate anticoagulation in an experimental model of hypercapnic acidosis. Artificial Organs, 2019, 43, 719-727.	1.9	9
11	Molding thrombus of an ECMO cannula floating in the right atrium. Intensive Care Medicine, 2015, 41, 1965-1966.	8.2	8
12	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
13	Minimally invasive estimation of ventricular dead space volume through use of Frank-Starling curves. PLoS ONE, 2017, 12, e0176302.	2.5	7
14	Use of a pediatric oxygenator integrated in a veno-venous hemofiltration circuit to remove CO2: A case report in a severe burn patient with refractory hypercapnia. Burns, 2014, 40, e57-e60.	1.9	4
15	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
16	Mathematical modeling of extracorporeal CO2 removal therapy. Medical and Biological Engineering and Computing, 2018, 56, 421-434.	2.8	1
17	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 0.787#314 rgBT /Overl		
18	Letter to the Editor in response to "COVID-19: desperate times call for desperate measures". Critical Care, 2020, 24, 415.	5.8	0

#	ARTICLE	IF	CITATIONS
19	Model-Based Weaning Tests for VA-ECLS Therapy. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-15.	1.3	0