

Denis Chemla

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,737
citations

840776

11
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1703
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulsatile pulmonary artery pressure in a large animal model of chronic thromboembolic pulmonary hypertension: Similarities and differences with human data. <i>Pulmonary Circulation</i> , 2022, 12, e12017.	1.7	1
2	A systematic review of invasive, high-fidelity pressure studies documenting the amplification of blood pressure from the aorta to the brachial and radial arteries. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 1245-1252.	1.6	5
3	Letter by Chemla et al Regarding Article, "Cardiac Power Output Revisited". <i>Circulation: Heart Failure</i> , 2021, 14, e008136.	3.9	1
4	The isobaric pulmonary arterial compliance in pulmonary hypertension. <i>ERJ Open Research</i> , 2021, 7, 00941-2020.	2.6	5
5	New Method to Estimate Central Systolic Blood Pressure From Peripheral Pressure: A Proof of Concept and Validation Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 772613.	2.4	7
6	Improved estimation of cardiac power output by including pulsatile power. <i>British Journal of Anaesthesia</i> , 2020, 125, e267-e269.	3.4	5
7	Response. <i>Chest</i> , 2019, 156, 630-631.	0.8	0
8	Golden Ratio and the Proportionality Between Pulmonary Pressure Components in Pulmonary Arterial Hypertension. <i>Chest</i> , 2019, 155, 991-998.	0.8	13
9	Estimating the effective arterial elastance at bedside: a reply to a rebuttal. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 941-943.	1.6	0
10	As simple as possible, but not simpler: estimating the effective arterial elastance at bedside. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 933-935.	1.6	1
11	Validation and Critical Evaluation of the Effective Arterial Elastance in Critically Ill Patients. <i>Critical Care Medicine</i> , 2019, 47, e317-e324.	0.9	15
12	Prognostic Value of Follow-Up Hemodynamic Variables After Initial Management in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2018, 137, 693-704.	1.6	155
13	Clinical and Hemodynamic Correlates of Pulmonary Arterial Stiffness in Incident, Untreated Patients With Idiopathic Pulmonary Arterial Hypertension. <i>Chest</i> , 2018, 154, 882-892.	0.8	10
14	Influence of critical closing pressure on systemic vascular resistance and total arterial compliance: A clinical invasive study. <i>Archives of Cardiovascular Diseases</i> , 2017, 110, 659-666.	1.6	13
15	Systolic and Mean Pulmonary Artery Pressures. <i>Chest</i> , 2015, 147, 943-950.	0.8	38
16	Pulmonary vascular resistance and compliance relationship in pulmonary hypertension. <i>European Respiratory Journal</i> , 2015, 46, 1178-1189.	6.7	73
17	Estimating Right Ventricular Stroke Work and the Pulsatile Work Fraction in Pulmonary Hypertension. <i>Chest</i> , 2013, 143, 1343-1350.	0.8	34
18	Evaluation of Various Empirical Formulas for Estimating Mean Pulmonary Artery Pressure by Using Systolic Pulmonary Artery Pressure in Adults. <i>Chest</i> , 2009, 135, 760-768.	0.8	102

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19	Towards New Indices of Arterial Stiffness Using Systolic Pulse Contour Analysis: A Theoretical Point of View. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 51, 111-117.	1.9	24
20	Mean aortic pressure is the geometric mean of systolic and diastolic aortic pressure in resting humans. <i>Journal of Applied Physiology</i> , 2005, 99, 2278-2284.	2.5	30
21	New Formula for Predicting Mean Pulmonary Artery Pressure Using Systolic Pulmonary Artery Pressure. <i>Chest</i> , 2004, 126, 1313-1317.	0.8	923
22	Contribution of systemic vascular resistance and total arterial compliance to effective arterial elastance in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H614-H620.	3.2	124
23	Pulmonary artery pulse pressure and wave reflection in chronic pulmonary thromboembolism and primary pulmonary hypertension. <i>Journal of the American College of Cardiology</i> , 2001, 37, 1085-1092.	2.8	151
24	Hemodynamic correlates of effective arterial elastance in mitral stenosis before and after balloon valvotomy. <i>Journal of Applied Physiology</i> , 1997, 83, 1083-1089.	2.5	7