Emmanuel Lorne

List of Publications by Year
in descending order

78 papers	3,497 citations	185998 28 h-index	138251 58 g-index
84 all docs	84 docs citations	84 times ranked	4476 citing authors

#	Article	IF	Citations
1	Effect of Individualized vs Standard Blood Pressure Management Strategies on Postoperative Organ Dysfunction Among High-Risk Patients Undergoing Major Surgery. JAMA - Journal of the American Medical Association, 2017, 318, 1346.	3.8	548
2	Activation of AMPK attenuates neutrophil proinflammatory activity and decreases the severity of acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L497-L504.	1.3	281
3	Diagnosis of central hypovolemia by using passive leg raising. Intensive Care Medicine, 2007, 33, 1133-1138.	3.9	240
4	The passive leg-raising maneuver cannot accurately predict fluid responsiveness in patients with intra-abdominal hypertension*. Critical Care Medicine, 2010, 38, 1824-1829.	0.4	169
5	Does inferior vena cava respiratory variability predict fluid responsiveness in spontaneously breathing patients?. Critical Care, 2015, 19, 400.	2.5	166
6	Mitochondrial Respiratory Complex I Regulates Neutrophil Activation and Severity of Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 168-179.	2.5	150
7	Postoperative Ketamine Administration Decreases Morphine Consumption in Major Abdominal Surgery: A Prospective, Randomized, Double-Blind, Controlled Study. Anesthesia and Analgesia, 2008, 106, 1856-1861.	1.1	142
8	Evaluation of pulse pressure variation validity criteria in critically ill patients: a prospective observational multicentre point-prevalence study â€. British Journal of Anaesthesia, 2014, 112, 681-685.	1.5	130
9	p53 Attenuates Lipopolysaccharide-Induced NF-ÎºB Activation and Acute Lung Injury. Journal of Immunology, 2009, 182, 5063-5071.	0.4	119
10	Participation of Mammalian Target of Rapamycin Complex 1 in Toll-Like Receptor 2â€" and 4â€"Induced Neutrophil Activation and Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 237-245.	1.4	108
11	Antiinflammatory Effects of Hydrogen Peroxide in Neutrophil Activation and Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 694-704.	2.5	89
12	Toll-like receptors 2 and 4: initiators of non-septic inflammation in critical care medicine?. Intensive Care Medicine, 2010, 36, 1826-1835.	3.9	89
13	Role of extracellular superoxide in neutrophil activation: interactions between xanthine oxidase and TLR4 induce proinflammatory cytokine production. American Journal of Physiology - Cell Physiology, 2008, 294, C985-C993.	2.1	71
14	Enterococci increase the morbidity and mortality associated with severe intra-abdominal infections in elderly patients hospitalized in the intensive care unit. Journal of Antimicrobial Chemotherapy, 2011, 66, 2379-2385.	1.3	68
15	Participation of the urokinase receptor in neutrophil efferocytosis. Blood, 2009, 114, 860-870.	0.6	57
16	Improvement of left ventricular relaxation as assessed by tissue Doppler imaging in fluid-responsive critically ill septic patients. Intensive Care Medicine, 2012, 38, 1461-1470.	3.9	54
17	Participation of mitochondrial respiratory complex III in neutrophil activation and lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 296, L624-L634.	1.3	53
18	Dynamic arterial elastance predicts mean arterial pressure decrease associated with decreasing norepinephrine dosage in septic shock. Critical Care, 2015, 19, 14.	2.5	47

#	ARTICLE	IF	CITATIONS
19	Monitoring dynamic arterial elastance as a means of decreasing the duration of norepinephrine treatment in vasoplegic syndrome following cardiac surgery: a prospective, randomized trial. Intensive Care Medicine, 2017, 43, 643-651.	3.9	45
20	Accuracy of impedance cardiography for evaluating trends in cardiac output: a comparison with oesophageal Doppler. British Journal of Anaesthesia, 2014, 113, 596-602.	1.5	43
21	Effectiveness of a blended learning course and flipped classroom in first year anaesthesia training. Anaesthesia, Critical Care & Pain Medicine, 2018, 37, 411-415.	0.6	43
22	Ventriculo-Arterial Coupling Analysis Predicts the Hemodynamic Response to Norepinephrine in Hypotensive Postoperative Patients: A Prospective Observational Study. Critical Care Medicine, 2018, 46, e17-e25.	0.4	42
23	Ability of stroke volume variation measured by oesophageal Doppler monitoring to predict fluid responsiveness during surgery. British Journal of Anaesthesia, 2013, 110, 28-33.	1.5	39
24	Respiratory stroke volume variation assessed by oesophageal Doppler monitoring predicts fluid responsiveness during laparoscopy. British Journal of Anaesthesia, 2014, 112, 660-664.	1.5	39
25	Mini-fluid challenge predicts fluid responsiveness during spontaneous breathing under spinal anaesthesia. European Journal of Anaesthesiology, 2015, 32, 645-649.	0.7	38
26	End-expiratory occlusion manoeuvre does not accurately predict fluid responsiveness in the operating theatre. British Journal of Anaesthesia, 2014, 112, 1050-1054.	1.5	36
27	Outpatient laparoscopic sleeve gastrectomy: first 100 cases. Journal of Clinical Anesthesia, 2016, 34, 85-90.	0.7	35
28	Oligogalacturonic Acid Inhibits Vascular Calcification by Two Mechanisms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1391-1401.	1.1	32
29	Central Venous-to-Arterial Carbon Dioxide Partial Pressure Difference in Patients Undergoing Cardiac Surgery is Not Related to Postoperative Outcomes. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 1190-1196.	0.6	29
30	Individualized Fluid Management Using the Pleth Variability Index. Anesthesiology, 2020, 133, 31-40.	1.3	29
31	Reversal of neuromuscular blockade by sugammadex in laparoscopic bariatric surgery: In support of dose reduction. Anaesthesia, Critical Care & Pain Medicine, 2016, 35, 25-29.	0.6	28
32	Evaluation of cardiac output by 5 arterial pulse contour techniques using trend interchangeability method. Medicine (United States), 2016, 95, e3530.	0.4	27
33	Perioperative Ventilatory Management in Cardiac Surgery. Medicine (United States), 2016, 95, e2655.	0.4	26
34	Modulation of SCFβ-TrCP-dependent IκBα Ubiquitination by Hydrogen Peroxide. Journal of Biological Chemistry, 2010, 285, 2665-2675.	1.6	24
35	Laparoscopic sleeve gastrectomy as day-case surgery: a case-matched study. Surgery for Obesity and Related Diseases, 2019, 15, 534-545.	1.0	23
36	The ratios of central venous to arterial carbon dioxide content and tension to arteriovenous oxygen content are not associated with overall anaerobic metabolism in postoperative cardiac surgery patients. PLoS ONE, 2018, 13, e0205950.	1.1	21

#	Article	IF	Citations
37	Dynamic arterial elastance measured by uncalibrated pulse contour analysis predicts arterial-pressure response to a decrease in norepinephrine. British Journal of Anaesthesia, 2018, 121, 534-540.	1.5	17
38	Short- versus Long-Sarafotoxins: Two Structurally Related Snake Toxins with Very Different in vivo Haemodynamic Effects. PLoS ONE, 2015, 10, e0132864.	1.1	16
39	Stroke volume changes induced by a recruitment maneuver predict fluid responsiveness in patients with protective ventilation in the operating theater. Medicine (United States), 2016, 95, e4259.	0.4	16
40	Antifungal Prevention of Systemic Candidiasis in Immunocompetent ICU Adults: Systematic Review and Meta-Analysis of Clinical Trials. Critical Care Medicine, 2017, 45, 1937-1945.	0.4	16
41	Vasoplegia After Cardiac Surgery Is Associated With Endothelial Glycocalyx Alterations. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 900-905.	0.6	16
42	Predictability of the respiratory variation of stroke volume varies according to the definition of fluid responsiveness. British Journal of Anaesthesia, 2014, 112, 580-581.	1.5	15
43	Predicting postoperative complications with the respiratory exchange ratio after high-risk noncardiac surgery. European Journal of Anaesthesiology, 2020, 37, 1050-1057.	0.7	15
44	Assessment of interchangeability rate between 2 methods of measurements. Medicine (United States), 2018, 97, e9905.	0.4	14
45	Interchangeability of cardiac output measurements between non-invasive photoplethysmography and bolus thermodilution: A systematic review and individual patient data meta-analysis. Anaesthesia, Critical Care & Pain Medicine, 2020, 39, 75-85.	0.6	14
46	Assessment of macro- and micro-oxygenation parameters during fractional fluid infusion: A pilot study. Journal of Critical Care, 2017, 40, 91-98.	1.0	12
47	Quantitative computed tomography to predict postoperative FEV1 after lung cancer surgery. Journal of Thoracic Disease, 2017, 9, 2413-2418.	0.6	12
48	Association Between End-Tidal Carbon Dioxide Pressure and Cardiac Output During Fluid Expansion in Operative Patients Depend on the Change of Oxygen Extraction. Medicine (United States), 2016, 95, e3287.	0.4	11
49	Postoperative Vasoplegic Syndrome Is Associated With Impaired Endothelial Vasomotor Response in Cardiac Surgery: A Prospective, Observational Study. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 2218-2224.	0.6	10
50	Minor laparoscopic liver resection as day-case surgery (without overnight hospitalisation): a pilot study. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 261-271.	1.3	10
51	Respiratory Variations of R-Wave Amplitude in Lead II Are Correlated With Stroke Volume Variations Evaluated by Transesophageal Doppler Echocardiography. Journal of Cardiothoracic and Vascular Anesthesia, 2012, 26, 381-386.	0.6	9
52	Residents in tutored practice exchange groups have better medical reasoning as measured by script concordance test: a controlled, nonrandomized study. Journal of Clinical Anesthesia, 2016, 32, 236-241.	0.7	9
53	Etomidate-induced hypotension: a pathophysiological approach using arterial elastance. Anaesthesia, Critical Care & Pain Medicine, 2019, 38, 347-352.	0.6	9
54	Satisfaction rate of patients undergoing sleeve gastrectomy as day-case surgery compared to conventional hospitalization: a prospective non-randomized study. Journal of Anesthesia, 2018, 32, 227-235.	0.7	8

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55	Accuracy of automated continuous calculation of pulse pressure variation in critically ill patients. Intensive Care Medicine, 2011, 37, 360-361.	3.9	7
56	Assessment of an uncalibrated pressure waveform device's ability to track cardiac output changes due to norepinephrine dose adjustments in patients with septic shock: A comparison with Doppler echocardiography. Annales Francaises D'Anesthesie Et De Reanimation, 2012, 31, 677-681.	1.4	7
57	Mini-fluid challenge can predict arterial pressure response to volume expansion in spontaneously breathing patients under spinal anaesthesia. Anaesthesia, Critical Care & Pain Medicine, 2015, 34, 333-337.	0.6	7
58	Determining the editorial policy of Anaesthesia Critical Care and Pain Medicine (ACCPM). Anaesthesia, Critical Care & Pain Medicine, 2018, 37, 299-301.	0.6	7
59	Effect of intra-abdominal hypertension on left ventricular relaxation: a preliminary animal study. British Journal of Anaesthesia, 2012, 108, 211-215.	1.5	6
60	Perioperative non-invasive haemodynamic monitoring: Yes or not yet?. Anaesthesia, Critical Care & Pain Medicine, 2016, 35, 423-424.	0.6	6
61	Assessment of changes in cardiac index with calibrated pulse contour analysis in cardiac surgery: A prospective observational study. Anaesthesia, Critical Care & Pain Medicine, 2016, 35, 261-267.	0.6	5
62	The OPVI trial â€" perioperative hemodynamic optimization using the plethysmographic variability index in orthopedic surgery: study protocol for a multicenter randomized controlled trial. Trials, 2015, 16, 503.	0.7	4
63	Respiratory Effects of Sarafotoxins from the Venom of Different Atractaspis Genus Snake Species. Toxins, 2016, 8, 215.	1.5	4
64	The new Sfar journals are in place. Anaesthesia, Critical Care & Pain Medicine, 2016, 35, 1-2.	0.6	4
65	The predictability of dynamic preload indices depends on the volume of fluid challenge. Medicine (United States), 2018, 97, e12848.	0.4	4
66	Low-positive pressure ventilation improves non-hypoxaemic apnoea tolerance during ear, nose and throat pan-endoscopy. European Journal of Anaesthesiology, 2016, 33, 269-274.	0.7	3
67	Do we need a dedicated hemodynamic control team?. Acta Anaesthesiologica Scandinavica, 2016, 60, 829-830.	0.7	3
68	Echocardiographic Evaluation of the Acute Cardiovascular Effects of an Endothelin-Like Peptide Extracted from the Venom of Atractaspis irregularis. Cardiovascular Toxicology, 2017, 17, 208-214.	1.1	3
69	Individualized hemodynamic optimization guided by indirect measurement of the respiratory exchange ratio in major surgery: study protocol for a randomized controlled trial (the OPHIQUE study). Trials, 2020, 21, 958.	0.7	3
70	2021 adaptation of the editorial policy of Anaesthesia Critical Care and Pain Medicine (ACCPM). Anaesthesia, Critical Care & Pain Medicine, 2021, 40, 100957.	0.6	3
71	Protective ventilation during cardiac surgery: More than tidal volume?. Anaesthesia, Critical Care & Pain Medicine, 2017, 36, 133-134.	0.6	1
72	Tissue Doppler imaging, volume responsiveness and impaired relaxation: reply to comment by Wiersema. Intensive Care Medicine, 2013, 39, 793-793.	3.9	0

#	Article	IF	Citations
73	Reply from the authors: In a perfect world, we would have used a perfect method for cardiac output monitoring. British Journal of Anaesthesia, 2015, 115, 323-324.	1.5	0
74	Checklist use in ICUs: a French national survey. Intensive Care Medicine, 2015, 41, 1149-1150.	3.9	0
75	The authors reply. Critical Care Medicine, 2018, 46, e174-e175.	0.4	0
76	Interchangeability of cardiac output measurements between oesophageal Doppler and pulse contour analysis is dependent on stroke volume. Anaesthesia, Critical Care & Pain Medicine, 2019, 38, 113-114.	0.6	0
77	Interchangeability Between the ClearSight System and Bolus Thermodilution. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 675-676.	0.6	0
78	Preoperative vaping prevalence and behavior of French surgical patients: A multicentre study. Tobacco Induced Diseases, 2019, 17, 84.	0.3	0