

# Emmanuel Lorne

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Interchangeability Between the ClearSight System and Bolus Thermodilution. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 675-676.	0.6	0
2	2021 adaptation of the editorial policy of <i>Anaesthesia Critical Care and Pain Medicine (ACCPM)</i> . <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2021, 40, 100957.	0.6	3
3	Interchangeability of cardiac output measurements between non-invasive photoplethysmography and bolus thermodilution: A systematic review and individual patient data meta-analysis. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2020, 39, 75-85.	0.6	14
4	Vasoplegia After Cardiac Surgery Is Associated With Endothelial Glycocalyx Alterations. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 900-905.	0.6	16
5	Predicting postoperative complications with the respiratory exchange ratio after high-risk noncardiac surgery. <i>European Journal of Anaesthesiology</i> , 2020, 37, 1050-1057.	0.7	15
6	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). <i>Trials</i> , 2020, 21, 958.	0.7	3
7	Individualized Fluid Management Using the Pleth Variability Index. <i>Anesthesiology</i> , 2020, 133, 31-40.	1.3	29
8	Minor laparoscopic liver resection as day-case surgery (without overnight hospitalisation): a pilot study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 261-271.	1.3	10
9	Laparoscopic sleeve gastrectomy as day-case surgery: a case-matched study. <i>Surgery for Obesity and Related Diseases</i> , 2019, 15, 534-545.	1.0	23
10	Interchangeability of cardiac output measurements between oesophageal Doppler and pulse contour analysis is dependent on stroke volume. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2019, 38, 113-114.	0.6	0
11	Etomidate-induced hypotension: a pathophysiological approach using arterial elastance. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2019, 38, 347-352.	0.6	9
12	Preoperative vaping prevalence and behavior of French surgical patients: A multicentre study. <i>Tobacco Induced Diseases</i> , 2019, 17, 84.	0.3	0
13	Satisfaction rate of patients undergoing sleeve gastrectomy as day-case surgery compared to conventional hospitalization: a prospective non-randomized study. <i>Journal of Anesthesia</i> , 2018, 32, 227-235.	0.7	8
14	Postoperative Vasoplegic Syndrome Is Associated With Impaired Endothelial Vasomotor Response in Cardiac Surgery: A Prospective, Observational Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 2218-2224.	0.6	10
15	Assessment of interchangeability rate between 2 methods of measurements. <i>Medicine (United States)</i> , 2018, 97, e9905.	0.4	14
16	The authors reply. <i>Critical Care Medicine</i> , 2018, 46, e174-e175.	0.4	0
17	Effectiveness of a blended learning course and flipped classroom in first year anaesthesia training. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2018, 37, 411-415.	0.6	43
18	Dynamic arterial elastance measured by uncalibrated pulse contour analysis predicts arterial-pressure response to a decrease in norepinephrine. <i>British Journal of Anaesthesia</i> , 2018, 121, 534-540.	1.5	17

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19	Ventriculo-Arterial Coupling Analysis Predicts the Hemodynamic Response to Norepinephrine in Hypotensive Postoperative Patients: A Prospective Observational Study. <i>Critical Care Medicine</i> , 2018, 46, e17-e25.	0.4	42
20	The predictability of dynamic preload indices depends on the volume of fluid challenge. <i>Medicine (United States)</i> , 2018, 97, e12848.	0.4	4
21	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. <i>PLoS ONE</i> , 2018, 13, e0205950.	1.1	21
22	Determining the editorial policy of Anaesthesia Critical Care and Pain Medicine (ACCPM). <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2018, 37, 299-301.	0.6	7
23	Echocardiographic Evaluation of the Acute Cardiovascular Effects of an Endothelin-Like Peptide Extracted from the Venom of <i>Atractaspis irregularis</i> . <i>Cardiovascular Toxicology</i> , 2017, 17, 208-214.	1.1	3
24	Monitoring dynamic arterial elastance as a means of decreasing the duration of norepinephrine treatment in vasoplegic syndrome following cardiac surgery: a prospective, randomized trial. <i>Intensive Care Medicine</i> , 2017, 43, 643-651.	3.9	45
25	Central Venous-to-Arterial Carbon Dioxide Partial Pressure Difference in Patients Undergoing Cardiac Surgery is Not Related to Postoperative Outcomes. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 1190-1196.	0.6	29
26	Protective ventilation during cardiac surgery: More than tidal volume?. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2017, 36, 133-134.	0.6	1
27	Oligogalacturonic Acid Inhibits Vascular Calcification by Two Mechanisms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1391-1401.	1.1	32
28	Assessment of macro- and micro-oxygenation parameters during fractional fluid infusion: A pilot study. <i>Journal of Critical Care</i> , 2017, 40, 91-98.	1.0	12
29	Effect of Individualized vs Standard Blood Pressure Management Strategies on Postoperative Organ Dysfunction Among High-Risk Patients Undergoing Major Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 1346.	3.8	548
30	Antifungal Prevention of Systemic Candidiasis in Immunocompetent ICU Adults: Systematic Review and Meta-Analysis of Clinical Trials. <i>Critical Care Medicine</i> , 2017, 45, 1937-1945.	0.4	16
31	Quantitative computed tomography to predict postoperative FEV1 after lung cancer surgery. <i>Journal of Thoracic Disease</i> , 2017, 9, 2413-2418.	0.6	12
32	Respiratory Effects of Sarafotoxins from the Venom of Different <i>Atractaspis</i> Genus Snake Species. <i>Toxins</i> , 2016, 8, 215.	1.5	4
33	Association Between End-Tidal Carbon Dioxide Pressure and Cardiac Output During Fluid Expansion in Operative Patients Depend on the Change of Oxygen Extraction. <i>Medicine (United States)</i> , 2016, 95, e3287.	0.4	11
34	Low-positive pressure ventilation improves non-hypoxaemic apnoea tolerance during ear, nose and throat pan-endoscopy. <i>European Journal of Anaesthesiology</i> , 2016, 33, 269-274.	0.7	3
35	Do we need a dedicated hemodynamic control team?. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 829-830.	0.7	3
36	Residents in tutored practice exchange groups have better medical reasoning as measured by script concordance test: a controlled, nonrandomized study. <i>Journal of Clinical Anesthesia</i> , 2016, 32, 236-241.	0.7	9

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37	Outpatient laparoscopic sleeve gastrectomy: first 100 cases. <i>Journal of Clinical Anesthesia</i> , 2016, 34, 85-90.	0.7	35
38	Perioperative non-invasive haemodynamic monitoring: Yes or not yet?. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2016, 35, 423-424.	0.6	6
39	Evaluation of cardiac output by 5 arterial pulse contour techniques using trend interchangeability method. <i>Medicine (United States)</i> , 2016, 95, e3530.	0.4	27
40	Stroke volume changes induced by a recruitment maneuver predict fluid responsiveness in patients with protective ventilation in the operating theater. <i>Medicine (United States)</i> , 2016, 95, e4259.	0.4	16
41	Assessment of changes in cardiac index with calibrated pulse contour analysis in cardiac surgery: A prospective observational study. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2016, 35, 261-267.	0.6	5
42	Perioperative Ventilatory Management in Cardiac Surgery. <i>Medicine (United States)</i> , 2016, 95, e2655.	0.4	26
43	Reversal of neuromuscular blockade by sugammadex in laparoscopic bariatric surgery: In support of dose reduction. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2016, 35, 25-29.	0.6	28
44	The new Sfar journals are in place. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2016, 35, 1-2.	0.6	4
45	The OPVI trial " perioperative hemodynamic optimization using the plethysmographic variability index in orthopedic surgery: study protocol for a multicenter randomized controlled trial. <i>Trials</i> , 2015, 16, 503.	0.7	4
46	Mini-fluid challenge predicts fluid responsiveness during spontaneous breathing under spinal anaesthesia. <i>European Journal of Anaesthesiology</i> , 2015, 32, 645-649.	0.7	38
47	Short- versus Long-Sarafotoxins: Two Structurally Related Snake Toxins with Very Different in vivo Haemodynamic Effects. <i>PLoS ONE</i> , 2015, 10, e0132864.	1.1	16
48	Mini-fluid challenge can predict arterial pressure response to volume expansion in spontaneously breathing patients under spinal anaesthesia. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2015, 34, 333-337.	0.6	7
49	Dynamic arterial elastance predicts mean arterial pressure decrease associated with decreasing norepinephrine dosage in septic shock. <i>Critical Care</i> , 2015, 19, 14.	2.5	47
50	Reply from the authors: In a perfect world, we would have used a perfect method for cardiac output monitoring. <i>British Journal of Anaesthesia</i> , 2015, 115, 323-324.	1.5	0
51	Checklist use in ICUs: a French national survey. <i>Intensive Care Medicine</i> , 2015, 41, 1149-1150.	3.9	0
52	Does inferior vena cava respiratory variability predict fluid responsiveness in spontaneously breathing patients?. <i>Critical Care</i> , 2015, 19, 400.	2.5	166
53	Predictability of the respiratory variation of stroke volume varies according to the definition of fluid responsiveness. <i>British Journal of Anaesthesia</i> , 2014, 112, 580-581.	1.5	15
54	End-expiratory occlusion manoeuvre does not accurately predict fluid responsiveness in the operating theatre. <i>British Journal of Anaesthesia</i> , 2014, 112, 1050-1054.	1.5	36

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55	Evaluation of pulse pressure variation validity criteria in critically ill patients: a prospective observational multicentre point-prevalence study. <i>British Journal of Anaesthesia</i> , 2014, 112, 681-685.	1.5	130
56	Accuracy of impedance cardiography for evaluating trends in cardiac output: a comparison with oesophageal Doppler. <i>British Journal of Anaesthesia</i> , 2014, 113, 596-602.	1.5	43
57	Respiratory stroke volume variation assessed by oesophageal Doppler monitoring predicts fluid responsiveness during laparoscopy. <i>British Journal of Anaesthesia</i> , 2014, 112, 660-664.	1.5	39
58	Tissue Doppler imaging, volume responsiveness and impaired relaxation: reply to comment by Wiersema. <i>Intensive Care Medicine</i> , 2013, 39, 793-793.	3.9	0
59	Ability of stroke volume variation measured by oesophageal Doppler monitoring to predict fluid responsiveness during surgery. <i>British Journal of Anaesthesia</i> , 2013, 110, 28-33.	1.5	39
60	Effect of intra-abdominal hypertension on left ventricular relaxation: a preliminary animal study. <i>British Journal of Anaesthesia</i> , 2012, 108, 211-215.	1.5	6
61	Respiratory Variations of R-Wave Amplitude in Lead II Are Correlated With Stroke Volume Variations Evaluated by Transesophageal Doppler Echocardiography. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2012, 26, 381-386.	0.6	9
62	Improvement of left ventricular relaxation as assessed by tissue Doppler imaging in fluid-responsive critically ill septic patients. <i>Intensive Care Medicine</i> , 2012, 38, 1461-1470.	3.9	54
63	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. <i>Annales Francaises D'Anesthesie Et De Reanimation</i> , 2012, 31, 677-681.	1.4	7
64	Accuracy of automated continuous calculation of pulse pressure variation in critically ill patients. <i>Intensive Care Medicine</i> , 2011, 37, 360-361.	3.9	7
65	Enterococci increase the morbidity and mortality associated with severe intra-abdominal infections in elderly patients hospitalized in the intensive care unit. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2379-2385.	1.3	68
66	The passive leg-raising maneuver cannot accurately predict fluid responsiveness in patients with intra-abdominal hypertension*. <i>Critical Care Medicine</i> , 2010, 38, 1824-1829.	0.4	169
67	Toll-like receptors 2 and 4: initiators of non-septic inflammation in critical care medicine?. <i>Intensive Care Medicine</i> , 2010, 36, 1826-1835.	3.9	89
68	Modulation of SCF <sup>Î²</sup> -TrCP-dependent I <sup>Î²</sup> B <sup>Î±</sup> Ubiquitination by Hydrogen Peroxide. <i>Journal of Biological Chemistry</i> , 2010, 285, 2665-2675.	1.6	24
69	p53 Attenuates Lipopolysaccharide-Induced NF-Î²B Activation and Acute Lung Injury. <i>Journal of Immunology</i> , 2009, 182, 5063-5071.	0.4	119
70	Participation of Mammalian Target of Rapamycin Complex 1 in Toll-Like Receptor 2 <sup>Î±</sup> and 4 <sup>Î±</sup> -Induced Neutrophil Activation and Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 41, 237-245.	1.4	108
71	Antiinflammatory Effects of Hydrogen Peroxide in Neutrophil Activation and Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 694-704.	2.5	89
72	Participation of mitochondrial respiratory complex III in neutrophil activation and lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 296, L624-L634.	1.3	53

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73	Participation of the urokinase receptor in neutrophil efferocytosis. <i>Blood</i> , 2009, 114, 860-870.	0.6	57
74	Mitochondrial Respiratory Complex I Regulates Neutrophil Activation and Severity of Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 168-179.	2.5	150
75	Activation of AMPK attenuates neutrophil proinflammatory activity and decreases the severity of acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L497-L504.	1.3	281
76	Role of extracellular superoxide in neutrophil activation: interactions between xanthine oxidase and TLR4 induce proinflammatory cytokine production. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 294, C985-C993.	2.1	71
77	Postoperative Ketamine Administration Decreases Morphine Consumption in Major Abdominal Surgery: A Prospective, Randomized, Double-Blind, Controlled Study. <i>Anesthesia and Analgesia</i> , 2008, 106, 1856-1861.	1.1	142
78	Diagnosis of central hypovolemia by using passive leg raising. <i>Intensive Care Medicine</i> , 2007, 33, 1133-1138.	3.9	240