

Jean-Luc Fellahi

List of Publications by Year in descending order

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63
papers

1,454
citations

331670

21
h-index

330143

37
g-index

66
all docs

66
docs citations

66
times ranked

1458
citing authors

#	ARTICLE	IF	CITATIONS
1	Short- and Long-term Prognostic Value of Postoperative Cardiac Troponin I Concentration in Patients Undergoing Coronary Artery Bypass Grafting. <i>Anesthesiology</i> , 2003, 99, 270-274.	2.5	157
2	Effect of Levosimendan on Low Cardiac Output Syndrome in Patients With Low Ejection Fraction Undergoing Coronary Artery Bypass Grafting With Cardiopulmonary Bypass. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 548.	7.4	143
3	Perioperative Use of Dobutamine in Cardiac Surgery and Adverse Cardiac Outcome. <i>Anesthesiology</i> , 2008, 108, 979-987.	2.5	111
4	The impact of hydroxyethyl starches in cardiac surgery: a meta-analysis. <i>Critical Care</i> , 2014, 18, 656.	5.8	75
5	Noninvasive Assessment of Cardiac Index in Healthy Volunteers: A Comparison Between Thoracic Impedance Cardiography and Doppler Echocardiography. <i>Anesthesia and Analgesia</i> , 2009, 108, 1553-1559.	2.2	50
6	Capillary refill time variation induced by passive leg raising predicts capillary refill time response to volume expansion. <i>Critical Care</i> , 2019, 23, 281.	5.8	47
7	Preload dependency determines the effects of phenylephrine on cardiac output in anaesthetised patients. <i>European Journal of Anaesthesiology</i> , 2016, 33, 638-644.	1.7	46
8	Effect of open-lung vs conventional perioperative ventilation strategies on postoperative pulmonary complications after on-pump cardiac surgery: the PROVECS randomized clinical trial. <i>Intensive Care Medicine</i> , 2019, 45, 1401-1412.	8.2	46
9	Determination of the threshold of cardiac troponin I associated with an adverse postoperative outcome after cardiac surgery: a comparative study between coronary artery bypass graft, valve surgery, and combined cardiac surgery. <i>Critical Care</i> , 2007, 11, R106.	5.8	44
10	Effect of Xenon Anesthesia Compared to Sevoflurane and Total Intravenous Anesthesia for Coronary Artery Bypass Graft Surgery on Postoperative Cardiac Troponin Release. <i>Anesthesiology</i> , 2017, 127, 918-933.	2.5	44
11	Improvement in chest compression quality using a feedback device (CPRmeter): a simulation randomized crossover study. <i>American Journal of Emergency Medicine</i> , 2013, 31, 1457-1461.	1.6	42
12	Levosimendan in the light of the results of the recent randomized controlled trials: an expert opinion paper. <i>Critical Care</i> , 2019, 23, 385.	5.8	42
13	Electrical Bioimpedance Cardiography: An Old Technology With New Hopes for the Future. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 755-760.	1.3	37
14	Simultaneous Measurement of Cardiac Troponin I, B-type Natriuretic Peptide, and C-reactive Protein for the Prediction of Long-term Cardiac Outcome after Cardiac Surgery. <i>Anesthesiology</i> , 2009, 111, 250-257.	2.5	34
15	Dynamic evaluation of near-infrared peripheral oximetry in healthy volunteers: A comparison between INVOS and EQUANOX. <i>Journal of Critical Care</i> , 2013, 28, 881.e1-881.e6.	2.2	32
16	Does Positive End-Expiratory Pressure Ventilation Improve Left Ventricular Function?. <i>Chest</i> , 1998, 114, 556-562.	0.8	31
17	Perioperative hemodynamic optimization: from guidelines to implementation – an experts’ opinion paper. <i>Annals of Intensive Care</i> , 2021, 11, 58.	4.6	31
18	Prediction of Responsiveness to an Intravenous Fluid Challenge in Patients After Cardiac Surgery With Cardiopulmonary Bypass: A Comparison Between Arterial Pulse Pressure Variation and Digital Plethysmographic Variability Index. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013, 27, 1087-1093.	1.3	27

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19	Guidelines on enhanced recovery after cardiac surgery under cardiopulmonary bypass or off-pump. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2022, 41, 101059.	1.4	26
20	Pericardial Cardiac Troponin I Release After Coronary Artery Bypass Grafting. <i>Anesthesia and Analgesia</i> , 1999, 89, 829.	2.2	25
21	A Comparison of Endotracheal Bioimpedance Cardiography and Transpulmonary Thermodilution in Cardiac Surgery Patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2012, 26, 217-222.	1.3	25
22	Cerebral and Somatic Near-Infrared Spectroscopy Measurements During Fluid Challenge in Cardiac Surgery Patients: A Descriptive Pilot Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013, 27, 266-272.	1.3	21
23	Positive Inotropic Agents in Myocardial Ischemiaâ€“Reperfusion Injury. <i>Anesthesiology</i> , 2013, 118, 1460-1465.	2.5	21
24	Arterial pulse pressure variation suitability in critical care: A French national survey. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2015, 34, 23-28.	1.4	21
25	The diagnostic accuracy of estimated continuous cardiac output compared with transthoracic echocardiography. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 19-26.	1.6	20
26	Early goal-directed therapy based on endotracheal bioimpedance cardiography: a prospective, randomized controlled study in coronary surgery. <i>Journal of Clinical Monitoring and Computing</i> , 2015, 29, 351-358.	1.6	19
27	Can endotracheal bioimpedance cardiography assess hemodynamic response to passive leg raising following cardiac surgery?. <i>Annals of Intensive Care</i> , 2012, 2, 26.	4.6	18
28	Evaluation of the knowledge base of French intensivists and anaesthesiologists as concerns the interpretation of respiratory arterial pulse pressure variation. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2015, 34, 29-34.	1.4	17
29	Landirolol for managing atrial fibrillation in post-cardiac surgery. <i>European Heart Journal Supplements</i> , 2018, 20, A4-A9.	0.1	17
30	The effect of local anesthetic continuous wound infusion for the prevention of postoperative pneumonia after on-pump cardiac surgery with sternotomy: the STERNOCAT randomized clinical trial. <i>Intensive Care Medicine</i> , 2019, 45, 33-43.	8.2	17
31	Cephalic Versus Digital Plethysmographic Variability Index Measurement: A Comparative Pilot Study in Cardiac Surgery Patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 1510-1515.	1.3	13
32	Near-infrared spectroscopy to assess microvascular dysfunction: A prospective pilot study in cardiac surgery patients. <i>Journal of Critical Care</i> , 2016, 31, 264-268.	2.2	12
33	Assessment of macro- and micro-oxygenation parameters during fractional fluid infusion: A pilot study. <i>Journal of Critical Care</i> , 2017, 40, 91-98.	2.2	12
34	Perioperative management of patients with coronary artery disease undergoing non-cardiac surgery: Summary from the French Society of Anaesthesia and Intensive Care Medicine 2017 convention. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2018, 37, 367-374.	1.4	10
35	A perioperative surgeon-controlled open-lung approach versus conventional protective ventilation with low positive end-expiratory pressure in cardiac surgery with cardiopulmonary bypass (PROVECS): study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 624.	1.6	10
36	Spironolactone and perioperative atrial fibrillation occurrence in cardiac surgery patients: Rationale and design of the ALDOCURE trial. <i>American Heart Journal</i> , 2019, 214, 88-96.	2.7	10

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37	Timing of β -Blocker Reintroduction and the Occurrence of Postoperative Atrial Fibrillation after Cardiac Surgery. <i>Anesthesiology</i> , 2020, 132, 267-279.	2.5	10
38	The Impact of an Algorithm on the Optimization of Beta-Blockers After Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 32-37.	1.3	8
39	Adherence of French cardiologists to guidelines for non-cardiac surgery. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2016, 35, 249-253.	1.4	8
40	Microvascular effects of intravenous esmolol in patients with normal cardiac function undergoing postoperative atrial fibrillation: a prospective pilot study in cardiothoracic surgery. <i>Critical Care</i> , 2017, 21, 302.	5.8	8
41	Endotracheal bioimpedance cardiography improves immediate postoperative outcome: a case-control study in off-pump coronary surgery. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 81-87.	1.6	8
42	Hemodynamic effects of positive end-expiratory pressure during abdominal hyperpression: A preliminary study in healthy volunteers. <i>Journal of Critical Care</i> , 2012, 27, 33-36.	2.2	6
43	Diagnostic Accuracy Studies: The Methodologic Approach Matters!. <i>Anesthesiology</i> , 2017, 127, 728-729.	2.5	6
44	Large underestimation of arterial pressure after vasodilator medication overdose. <i>British Journal of Anaesthesia</i> , 2020, 125, e269-e271.	3.4	6
45	Opioid-free anaesthesia for video-assisted thoracoscopic surgery: A retrospective cohort study with propensity score analysis. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2022, 41, 101089.	1.4	6
46	Assessment of changes in cardiac index with calibrated pulse contour analysis in cardiac surgery: A prospective observational study. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2016, 35, 261-267.	1.4	5
47	Less Is More. <i>Anesthesiology</i> , 2014, 120, 1067-1068.	2.5	4
48	Effects of methylene blue on microcirculatory alterations following cardiac surgery. <i>European Journal of Anaesthesiology</i> , 2022, 39, 333-341.	1.7	4
49	Preload Dependence Fails to Predict Hemodynamic Instability During a Fluid Removal Challenge in Children. <i>Pediatric Critical Care Medicine</i> , 2022, Publish Ahead of Print, .	0.5	4
50	Hemodynamic effects of medical antishock trousers during mechanical ventilation. <i>Canadian Journal of Anaesthesia</i> , 1999, 46, 423-428.	1.6	3
51	Near-Infrared Spectroscopy Hemoglobin Index Measurement During Fluid Challenge: A Prospective Study in Cardiac Surgery Patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 924-929.	1.3	3
52	Microcirculatory effects of landiolol: a double-blind, randomised, controlled study after cardiac surgery. <i>British Journal of Anaesthesia</i> , 2021, 126, e212-e214.	3.4	3
53	In Cerebral Oximetry, Do We Trust?. <i>Anesthesiology</i> , 2016, 125, 818-818.	2.5	2
54	Venous congestion is more accurate than hypotension in predicting acute kidney injury after cardiac surgery. Comment on <i>Br J Anaesth</i> 2021; 126: 599-607. <i>British Journal of Anaesthesia</i> , 2021, 127, e81-e82.	3.4	2

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55	Diagnostic Accuracy Studies: Avoid a Case-Control Approach or Just State it Clearly!. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 3147-3148.	1.3	2
56	Les dangers de la phénylène. Praticien En Anesthésie Réanimation, 2018, 22, 320-325.	0.0	1
57	Should We Really Use Respiratory Stroke Volume Variation to Assess Fluid Responsiveness in Cardiac Surgical Patients?. Critical Care Medicine, 2021, 49, e1191-e1192.	0.9	1
58	La période peropératoire n'est pas une boîte noire. Anesthésie & Réanimation, 2017, 3, 349-352.	0.1	0
59	Qu'est-ce que la NIRS au monitoring périopératoire. Praticien En Anesthésie Réanimation, 2017, 21, 218-222.	0.0	0
60	In Reply. Anesthesiology, 2018, 129, 611-613.	2.5	0
61	Comparison of Rainbow Pleth Variability Index and Pleth Variability Index in mechanically ventilated patients under general anaesthesia. Anaesthesia, Critical Care & Pain Medicine, 2021, 40, 100735.	1.4	0
62	Venoarterial Extracorporeal Membranous Oxygenation Should Be Considered as an Appropriate Rescue Therapy for Sepsis-Induced Refractory Cardiogenic Shock. Critical Care Medicine, 2021, 49, e210-e211.	0.9	0
63	Les bloqueurs périopératoires: amis ou ennemis?. Praticien En Anesthésie Réanimation, 2020, 24, 69-76.	0.0	0