

# Jean-luc Hanouz

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49  
papers

714  
citations

17  
h-index

23  
g-index

55  
ext. papers

837  
ext. citations

3.6  
avg, IF

3.52  
L-index

#	Paper	IF	Citations
49	Mechanisms of desflurane-induced preconditioning in isolated human right atria in vitro. <i>Anesthesiology</i> , <b>2002</b> , 97, 33-41	4.3	85
48	In vitro effects of desflurane, sevoflurane, isoflurane, and halothane in isolated human right atria. <i>Anesthesiology</i> , <b>2000</b> , 92, 116-24	4.3	39
47	Mechanisms of sevoflurane-induced myocardial preconditioning in isolated human right atria in vitro. <i>Anesthesiology</i> , <b>2003</b> , 99, 27-33	4.3	36
46	Dynamic evaluation of near-infrared peripheral oximetry in healthy volunteers: a comparison between INVOS and EQUANOX. <i>Journal of Critical Care</i> , <b>2013</b> , 28, 881.e1-6	4	32
45	Reactive oxygen species mediate sevoflurane- and desflurane-induced preconditioning in isolated human right atria in vitro. <i>Anesthesia and Analgesia</i> , <b>2007</b> , 105, 1534-9, table of contents	3.9	32
44	The in vitro effects of remifentanyl, sufentanyl, fentanyl, and alfentanil on isolated human right atria. <i>Anesthesia and Analgesia</i> , <b>2001</b> , 93, 543-9	3.9	30
43	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> , <b>2013</b> , 27, 1087-93	2.1	23
42	Effects of desflurane in rat myocardium: comparison with isoflurane and halothane. <i>Anesthesiology</i> , <b>1997</b> , 87, 599-609	4.3	23
41	Ketamine preconditions isolated human right atrial myocardium: roles of adenosine triphosphate-sensitive potassium channels and adrenoceptors. <i>Anesthesiology</i> , <b>2005</b> , 102, 1190-6	4.3	23
40	Preoxygenation by spontaneous breathing or noninvasive positive pressure ventilation with and without positive end-expiratory pressure: A randomised controlled trial. <i>European Journal of Anaesthesiology</i> , <b>2015</b> , 32, 881-7	2.3	22
39	Lower limb peripheral NIRS parameters during a vascular occlusion test: an experimental study in healthy volunteers. <i>Annales Francaises DAnesthesie Et De Reanimation</i> , <b>2014</b> , 33, e9-14		21
38	Continuous administration of remifentanyl and sufentanyl induces cardioprotection in human myocardium, in vitro. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2011</b> , 55, 758-64	1.9	21
37	Multiple injection axillary brachial plexus block: influence of obesity on failure rate and incidence of acute complications. <i>Anesthesia and Analgesia</i> , <b>2010</b> , 111, 230-3	3.9	19
36	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> , <b>2013</b> , 27, 266-72	2.1	18
35	Can endotracheal bioimpedance cardiography assess hemodynamic response to passive leg raising following cardiac surgery?. <i>Annals of Intensive Care</i> , <b>2012</b> , 2, 26	8.9	17
34	The inotropic and lusitropic effects of ketamine in isolated human atrial myocardium: the effect of adrenoceptor blockade. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 99, 1689-1695	3.9	17
33	Comparison of pre-oxygenation using spontaneous breathing through face mask and high-flow nasal oxygen: A randomised controlled crossover study in healthy volunteers. <i>European Journal of Anaesthesiology</i> , <b>2019</b> , 36, 335-341	2.3	17

32	Use of the Smartphone App WhatsApp as an E-Learning Method for Medical Residents: Multicenter Controlled Randomized Trial. <i>JMIR MHealth and UHealth</i> , <b>2019</b> , 7, e12825	5.5	16
31	Argon Exposure Induces Postconditioning in Myocardial Ischemia-Reperfusion. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , <b>2017</b> , 22, 564-573	2.6	15
30	The diagnostic accuracy of estimated continuous cardiac output compared with transthoracic echocardiography. <i>Canadian Journal of Anaesthesia</i> , <b>2014</b> , 61, 19-26	3	15
29	Individualized Fluid Management Using the Pleth Variability Index: A Randomized Clinical Trial. <i>Anesthesiology</i> , <b>2020</b> , 133, 31-40	4.3	15
28	Arterial pulse pressure variation suitability in critical care: A French national survey. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2015</b> , 34, 23-8	3	12
27	Middle cerebral artery blood flow velocity during beach chair position for shoulder surgery under general anesthesia. <i>Journal of Clinical Anesthesia</i> , <b>2016</b> , 33, 31-6	1.9	12
26	Evaluation of the knowledge base of French intensivists and anaesthesiologists as concerns the interpretation of respiratory arterial pulse pressure variation. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2015</b> , 34, 29-34	3	12
25	Bradykinin and adenosine receptors mediate desflurane induced postconditioning in human myocardium: role of reactive oxygen species. <i>BMC Anesthesiology</i> , <b>2010</b> , 10, 12	2.4	11
24	Sevoflurane-induced cardioprotection in coronary artery bypass graft surgery: Randomised trial with clinical and ex-vivo endpoints. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2018</b> , 37, 217-223	3	10
23	Effect of lipopolysaccharide, cytokines, and catecholamines on brain natriuretic peptide release from human myocardium. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2012</b> , 56, 860-5	1.9	10
22	Assessment of macro- and micro-oxygenation parameters during fractional fluid infusion: A pilot study. <i>Journal of Critical Care</i> , <b>2017</b> , 40, 91-98	4	9
21	Clinical and EEG features of acute intrathecal baclofen overdose. <i>Clinical Neurology and Neurosurgery</i> , <b>2012</b> , 114, 84-6	2	9
20	Sevoflurane- and desflurane-induced human myocardial post-conditioning through Phosphatidylinositol-3-kinase/Akt signalling. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2009</b> , 53, 949-56	1.9	9
19	Delayed diagnosis of vascular injuries during lumbar discectomy. <i>Journal of Clinical Anesthesia</i> , <b>2000</b> , 12, 64-6	1.9	9
18	The impact of an algorithm on the optimization of beta-blockers after cardiac surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2015</b> , 29, 32-7	2.1	8
17	Cephalic versus digital plethysmographic variability index measurement: a comparative pilot study in cardiac surgery patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2014</b> , 28, 1510-5	2.1	8
16	Non-invasive positive-pressure ventilation with positive end-expiratory pressure counteracts inward air leaks during preoxygenation: a randomised crossover controlled study in healthy volunteers. <i>British Journal of Anaesthesia</i> , <b>2018</b> , 120, 868-873	5.4	7
15	Signaling pathways involved in postconditioning-induced cardioprotection of human myocardium, in vitro. <i>Experimental Biology and Medicine</i> , <b>2010</b> , 235, 768-76	3.7	7

14	Effect of long-chain triglyceride lipid emulsion on bupivacaine-induced changes in electrophysiological parameters of rabbit Purkinje cells. <i>Fundamental and Clinical Pharmacology</i> , <b>2014</b> , 28, 481-8	3.1	6
13	The electrophysiological effects of racemic ketamine and etomidate in an in vitro model of "border zone" between normal and ischemic/reperfused guinea pig myocardium. <i>Anesthesia and Analgesia</i> , <b>2008</b> , 106, 365-70, table of contents	3.9	5
12	Effect of intra-operative intravenous lidocaine on opioid consumption after bariatric surgery: a prospective, randomised, blinded, placebo-controlled study. <i>Anaesthesia</i> , <b>2021</b> , 76, 189-198	6.6	5
11	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> , <b>2016</b> , 35, 261-7	3	4
10	Insertion of the minimally invasive direct cardiac massage device (MIDCM): training on human cadavers. <i>Resuscitation</i> , <b>2002</b> , 52, 49-53	4	4
9	Electrophysiological effects of morphine in an in vitro model of the "border zone" between normal and ischaemic-reperfused guinea-pig myocardium. <i>British Journal of Anaesthesia</i> , <b>2002</b> , 89, 888-95	5.4	4
8	Assessment of changes in lactate concentration with intravascular microdialysis during high-risk cardiac surgery using the trend interchangeability method. <i>British Journal of Anaesthesia</i> , <b>2017</b> , 119, 1110-1117	5.4	3
7	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> , <b>2015</b> , 16, 503	2.8	3
6	Willingness to get a COVID-19 vaccine among critical care non-medical healthcare workers and impact of a vaccine information session. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2021</b> , 40, 100860 <sup>3</sup>		2
5	Assessment of changes in blood glucose concentration with intravascular microdialysis. <i>Journal of Clinical Monitoring and Computing</i> , <b>2018</b> , 32, 1135-1142	2	1
4	Etomidate has no effect on hypoxia reoxygenation and hypoxic preconditioning in isolated human right atrial myocardium. <i>Anesthesia and Analgesia</i> , <b>2008</b> , 107, 1139-44	3.9	1
3	Effect of patient-controlled epidural analgesia with and without automatic intermittent bolus on levobupivacaine consumption during labour: A single-centre prospective double-blinded randomised controlled study. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2021</b> , 40, 100936	3	0
2	Pleth Variability Index in Orthopedic Surgery: Reply. <i>Anesthesiology</i> , <b>2021</b> , 134, 502-503	4.3	
1	Targeting individualised mean arterial pressure in cardiac surgery: results of a retrospective cohort study.. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2022</b> , 101066	3	