

# Yannick Le Manach

## List of Publications by Year in Descending Order

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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.

79  
papers

5,136  
citations

32  
h-index

71  
g-index

82  
ext. papers

6,420  
ext. citations

8  
avg, IF

4.92  
L-index

#	Paper	IF	Citations
79	High-Sensitivity Troponin I after Cardiac Surgery and 30-Day Mortality.. <i>New England Journal of Medicine</i> , <b>2022</b> , 386, 827-836	59.2	3
78	Evaluation of Biomarkers in Critical Care and Perioperative Medicine: A Clinician's Overview of Traditional Statistical Methods and Machine Learning Algorithms. <i>Anesthesiology</i> , <b>2021</b> , 134, 15-25	4.3	1
77	Bleeding Independently associated with Mortality after noncardiac Surgery (BIMS): an international prospective cohort study establishing diagnostic criteria and prognostic importance. <i>British Journal of Anaesthesia</i> , <b>2021</b> , 126, 163-171	5.4	9
76	Preoperative prediction of Bleeding Independently associated with Mortality after noncardiac Surgery (BIMS): an international prospective cohort study. <i>British Journal of Anaesthesia</i> , <b>2021</b> , 126, 172-180	5.4	3
75	Post Discharge after Surgery Virtual Care with Remote Automated Monitoring Technology (PVC-RAM): protocol for a randomized controlled trial. <i>CMAJ Open</i> , <b>2021</b> , 9, E142-E148	2.5	1
74	Long-term survival of elderly patients after intensive care unit admission for acute respiratory infection: a population-based, propensity score-matched cohort study. <i>Critical Care</i> , <b>2020</b> , 24, 384	10.8	9
73	Accelerated surgery versus standard care in hip fracture (HIP ATTACK): an international, randomised, controlled trial. <i>Lancet, The</i> , <b>2020</b> , 395, 698-708	40	98
72	Counterfactual clinical prediction models could help to infer individualized treatment effects in randomized controlled trials-An illustration with the International Stroke Trial. <i>Journal of Clinical Epidemiology</i> , <b>2020</b> , 125, 47-56	5.7	5
71	One-year Results of a Factorial Randomized Trial of Aspirin versus Placebo and Clonidine versus Placebo in Patients Having Noncardiac Surgery. <i>Anesthesiology</i> , <b>2020</b> , 132, 692-701	4.3	5
70	Tranexamic acid and rosuvastatin in patients at risk of cardiovascular events after noncardiac surgery: a pilot of the POISE-3 randomized controlled trial. <i>Pilot and Feasibility Studies</i> , <b>2020</b> , 6, 104	1.9	3
69	Attributable Mortality of Hip Fracture in Older Patients: A Retrospective Observational Study. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	6
68	Intraoperative Door Openings and Surgical Site Infection: A Causal Association?. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, 469-470	11.6	0
67	Improvement in staff behavior during surgical procedures to prevent post-operative complications (ARIBO): study protocol for a cluster randomised trial. <i>Trials</i> , <b>2019</b> , 20, 275	2.8	5
66	A multicentre observational study on management of general anaesthesia in elderly patients at high-risk of postoperative adverse outcomes. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2019</b> , 38, 15-23	3	15
65	The Fragility and Reliability of Conclusions of Anesthesia and Critical Care Randomized Trials With Statistically Significant Findings: A Systematic Review. <i>Critical Care Medicine</i> , <b>2019</b> , 47, 456-462	1.4	17
64	When Large Administrative Databases Provide Less Relevant Information than Randomized Studies. <i>Anesthesiology</i> , <b>2019</b> , 130, 514-515	4.3	
63	Retrospective Evaluation of a Restrictive Transfusion Strategy in Older Adults with Hip Fracture. <i>Journal of the American Geriatrics Society</i> , <b>2018</b> , 66, 1151-1157	5.6	10

62	Perioperative patient outcomes in the African Surgical Outcomes Study: a 7-day prospective observational cohort study. <i>Lancet, The</i> , <b>2018</b> , 391, 1589-1598	4.0	205
61	Postoperative Remote Automated Monitoring: Need for and State of the Science. <i>Canadian Journal of Cardiology</i> , <b>2018</b> , 34, 850-862	3.8	21
60	Aspirin in Patients With Previous Percutaneous Coronary Intervention Undergoing Noncardiac Surgery. <i>Annals of Internal Medicine</i> , <b>2018</b> , 168, 237-244	8	44
59	Troponin T monitoring to detect myocardial injury after noncardiac surgery: a cost-consequence analysis. <i>Canadian Journal of Surgery</i> , <b>2018</b> , 61, 185-194	2	25
58	Dabigatran in patients with myocardial injury after non-cardiac surgery (MANAGE): an international, randomised, placebo-controlled trial. <i>Lancet, The</i> , <b>2018</b> , 391, 2325-2334	4.0	142
57	Simple randomization did not protect against bias in smaller trials. <i>Journal of Clinical Epidemiology</i> , <b>2017</b> , 84, 105-113	5.7	40
56	Magnitude and direction of missing confounders had different consequences on treatment effect estimation in propensity score analysis. <i>Journal of Clinical Epidemiology</i> , <b>2017</b> , 87, 87-97	5.7	1
55	Comparison of the Prognostic Significance of Initial Blood Lactate and Base Deficit in Trauma Patients. <i>Anesthesiology</i> , <b>2017</b> , 126, 522-533	4.3	36
54	Withholding versus Continuing Angiotensin-converting Enzyme Inhibitors or Angiotensin II Receptor Blockers before Noncardiac Surgery: An Analysis of the Vascular events In noncardiac Surgery patients cOhort evaluation Prospective Cohort. <i>Anesthesiology</i> , <b>2017</b> , 126, 16-27	4.3	220
53	Identifying Life-Threatening Admissions for Drug Dependence or Abuse (ILIADDA): Derivation and Validation of a Model. <i>Scientific Reports</i> , <b>2017</b> , 7, 44428	4.9	3
52	Comparison of the ability of double-robust estimators to correct bias in propensity score matching analysis. A Monte Carlo simulation study. <i>Pharmacoepidemiology and Drug Safety</i> , <b>2017</b> , 26, 1513-1519	2.6	14
51	Bleeding impacting mortality after noncardiac surgery: a protocol to establish diagnostic criteria, estimate prognostic importance, and develop and validate a prediction guide in an international prospective cohort study. <i>CMAJ Open</i> , <b>2017</b> , 5, E594-E603	2.5	6
50	Isolated cardiac troponin rise does not modify the prognosis in elderly patients with hip fracture. <i>Medicine (United States)</i> , <b>2017</b> , 96, e6169	1.8	16
49	Statistical Inefficiencies in the Development of a Prediction Model. <i>Anesthesia and Analgesia</i> , <b>2017</b> , 124, 1011-1012	3.9	3
48	Double-adjustment in propensity score matching analysis: choosing a threshold for considering residual imbalance. <i>BMC Medical Research Methodology</i> , <b>2017</b> , 17, 78	4.7	143
47	Nomograms need to be presented in full. <i>Cancer</i> , <b>2017</b> , 123, 177-178	6.4	0
46	Improving medication safety: Development and impact of a multivariate model-based strategy to target high-risk patients. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171995	3.7	19
45	Flawed validation of FRAX. <i>Bone</i> , <b>2016</b> , 93, 217	4.7	1

44	Association between pre-operative statin use and major cardiovascular complications among patients undergoing non-cardiac surgery: the VISION study. <i>European Heart Journal</i> , <b>2016</b> , 37, 177-85	9.5	72
43	Health-Economic Researches in Perioperative Medicine. <i>Current Anesthesiology Reports</i> , <b>2016</b> , 6, 299-304		
42	Causal Inference in Anesthesia and Perioperative Observational Studies. <i>Current Anesthesiology Reports</i> , <b>2016</b> , 6, 293-298	1	
41	In Reply. <i>Anesthesiology</i> , <b>2016</b> , 125, 816-7	4.3	
40	Apheresis platelets are more frequently associated with adverse reactions than pooled platelets both in recipients and in donors: a study from French hemovigilance data. <i>Transfusion</i> , <b>2016</b> , 56, 1295-303	2.9	30
39	Small data sets to develop and validate prognostic models are problematic. <i>European Journal of Cancer</i> , <b>2016</b> , 54, 167-168	7.5	4
38	Letter to the Editor: Models Developed Using Small Datasets Should be Appropriately Evaluated. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, L104-L105	5.6	1
37	Preoperative Score to Predict Postoperative Mortality (POSPOM): Derivation and Validation. <i>Anesthesiology</i> , <b>2016</b> , 124, 570-9	4.3	95
36	Quantifying the impact of different approaches for handling continuous predictors on the performance of a prognostic model. <i>Statistics in Medicine</i> , <b>2016</b> , 35, 4124-35	2.3	75
35	Knowingly repeating an incorrect and inefficient analysis is flawed logic. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, 357-8	3	1
34	Outcomes After Hip Fracture Surgery Compared With Elective Total Hip Replacement. <i>JAMA - Journal of the American Medical Association</i> , <b>2015</b> , 314, 1159-66	27.4	102
33	Assessing calibration in an external validation study. <i>Spine Journal</i> , <b>2015</b> , 15, 2446-7	4	3
32	Severe and multiple hypoglycemic episodes are associated with increased risk of death in ICU patients. <i>Critical Care</i> , <b>2015</b> , 19, 153	10.8	28
31	Model Calibration in a Large Cohort Study. <i>Critical Care Medicine</i> , <b>2015</b> , 43, e398-9	1.4	2
30	Clonidine in patients undergoing noncardiac surgery. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 1504-15	13.2	219
29	The prognostic value of pre-operative and post-operative B-type natriuretic peptides in patients undergoing noncardiac surgery: B-type natriuretic peptide and N-terminal fragment of pro-B-type natriuretic peptide: a systematic review and individual patient data meta-analysis. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 170-80	15.1	200
28	Postoperative admission to a dedicated geriatric unit decreases mortality in elderly patients with hip fracture. <i>PLoS ONE</i> , <b>2014</b> , 9, e83795	3.7	105
27	The long-term impact of early cardiovascular therapy intensification for postoperative troponin elevation after major vascular surgery. <i>Anesthesia and Analgesia</i> , <b>2014</b> , 119, 1053-63	3.9	97

26	Aspirin in patients undergoing noncardiac surgery. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 1494-503	39.2	525
25	Impact of aspirin and clopidogrel interruption on platelet function in patients undergoing major vascular surgery. <i>PLoS ONE</i> , <b>2014</b> , 9, e104491	3.7	15
24	Postoperative B-type natriuretic peptide for prediction of major cardiac events in patients undergoing noncardiac surgery: systematic review and individual patient meta-analysis. <i>Anesthesiology</i> , <b>2013</b> , 119, 270-83	4.3	70
23	In reply. <i>Anesthesiology</i> , <b>2013</b> , 119, 491-2	4.3	
22	The motor component does not convey all the mortality prediction capacity of the Glasgow Coma Scale in trauma patients. <i>American Journal of Emergency Medicine</i> , <b>2012</b> , 30, 1032-41	2.9	11
21	Prediction of difficult tracheal intubation: time for a paradigm change. <i>Anesthesiology</i> , <b>2012</b> , 117, 1223-33	3.3	63
20	Association between postoperative troponin levels and 30-day mortality among patients undergoing noncardiac surgery. <i>JAMA - Journal of the American Medical Association</i> , <b>2012</b> , 307, 2295-304	27.4	579
19	Impact of perioperative bleeding on the protective effect of $\beta$ blockers during infrarenal aortic reconstruction. <i>Anesthesiology</i> , <b>2012</b> , 117, 1203-11	4.3	39
18	Prognostic significance of blood lactate and lactate clearance in trauma patients. <i>Anesthesiology</i> , <b>2012</b> , 117, 1276-88	4.3	139
17	Assessing the diagnostic accuracy of pulse pressure variations for the prediction of fluid responsiveness: a "gray zone" approach. <i>Anesthesiology</i> , <b>2011</b> , 115, 231-41	4.3	354
16	What do prehospital trauma scores predict besides mortality?. <i>Journal of Trauma</i> , <b>2011</b> , 71, 754-9		36
15	Combination of EuroSCORE and cardiac troponin I improves the prediction of adverse outcome after cardiac surgery. <i>Anesthesiology</i> , <b>2011</b> , 114, 330-9	4.3	17
14	Impact of preoperative statin therapy on adverse postoperative outcomes in patients undergoing vascular surgery. <i>Anesthesiology</i> , <b>2011</b> , 114, 98-104	4.3	52
13	Statins: a new pharmacological agent for free flap surgery?. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , <b>2010</b> , 63, 870-4	1.7	8
12	Elevation of cardiac troponin I during non-exertional heat-related illnesses in the context of a heatwave. <i>Critical Care</i> , <b>2010</b> , 14, R99	10.8	24
11	Mechanism, glasgow coma scale, age, and arterial pressure (MGAP): a new simple prehospital triage score to predict mortality in trauma patients. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 831-7	1.4	176
10	Statistical evaluation of a biomarker. <i>Anesthesiology</i> , <b>2010</b> , 112, 1023-40	4.3	305
9	Perioperative statin therapy is associated with a significant and dose-dependent reduction of adverse cardiovascular outcomes after coronary artery bypass graft surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2009</b> , 23, 633-8	2.1	32

8	Nonignorable Covariates. <i>Anesthesia and Analgesia</i> , <b>2008</b> , 106, 673	3.9	
7	Influence of renal dysfunction on the accuracy of procalcitonin for the diagnosis of postoperative infection after vascular surgery. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 1147-54	1.4	69
6	Statin therapy within the perioperative period. <i>Anesthesiology</i> , <b>2008</b> , 108, 1141-6	4.3	53
5	Combined measurements of N-terminal pro-brain natriuretic peptide and cardiac troponins in potential organ donors. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 986-92	14.5	17
4	Impact of aspirin with or without clopidogrel on postoperative bleeding and blood transfusion in coronary surgical patients treated prophylactically with a low-dose of aprotinin. <i>European Heart Journal</i> , <b>2007</b> , 28, 1025-32	9.5	40
3	The impact of postoperative discontinuation or continuation of chronic statin therapy on cardiac outcome after major vascular surgery. <i>Anesthesia and Analgesia</i> , <b>2007</b> , 104, 1326-33, table of contents	3.9	173
2	Early and delayed myocardial infarction after abdominal aortic surgery. <i>Anesthesiology</i> , <b>2005</b> , 102, 885-91	4.3	175
1	Statistical methods in hemodynamic research	8-13	1