

# Sylvain Boet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3199584/publications.pdf>

Version: 2024-02-01

119  
papers

3,685  
citations

172457

29  
h-index

144013

57  
g-index

131  
all docs

131  
docs citations

131  
times ranked

3506  
citing authors

#	ARTICLE	IF	CITATIONS
1	A BEME systematic review of the effects of interprofessional education: BEME Guide No. 39. Medical Teacher, 2016, 38, 656-668.	1.8	617
2	Transfer of learning and patient outcome in simulated crisis resource management: a systematic review. Canadian Journal of Anaesthesia, 2014, 61, 571-582.	1.6	200
3	Looking in the mirror: Self-debriefing versus instructor debriefing for simulated crises*. Critical Care Medicine, 2011, 39, 1377-1381.	0.9	165
4	Complex procedural skills are retained for a minimum of 1 yr after a single high-fidelity simulation training session. British Journal of Anaesthesia, 2011, 107, 533-539.	3.4	144
5	Impact of crisis resource management simulation-based training for interprofessional and interdisciplinary teams: A systematic review. Journal of Interprofessional Care, 2015, 29, 433-444.	1.7	142
6	Within-Team Debriefing Versus Instructor-Led Debriefing for Simulation-Based Education. Annals of Surgery, 2013, 258, 53-58.	4.2	134
7	Interprofessional Education and Practice Guide No. 3: Evaluating interprofessional education. Journal of Interprofessional Care, 2015, 29, 305-312.	1.7	134
8	Twelve tips for a successful interprofessional team-based high-fidelity simulation education session. Medical Teacher, 2014, 36, 853-857.	1.8	118
9	The h-index outperforms other bibliometrics in the assessment of research performance in general surgery: A province-wide study. Surgery, 2013, 153, 493-501.	1.9	89
10	Do technical skills correlate with non-technical skills in crisis resource management: a simulation study. British Journal of Anaesthesia, 2012, 109, 723-728.	3.4	87
11	Review article: Medical education research: an overview of methods. Canadian Journal of Anaesthesia, 2012, 59, 159-170.	1.6	83
12	Interprofessional simulated learning: the need for "sociological fidelity". Journal of Interprofessional Care, 2011, 25, 81-83.	1.7	75
13	The Role of Simulation in Continuing Medical Education for Acute Care Physicians. Critical Care Medicine, 2015, 43, 186-193.	0.9	64
14	High-Fidelity Simulation Demonstrates the Influence of Anesthesiologists' Age and Years from Residency on Emergency Cricothyroidotomy Skills. Anesthesia and Analgesia, 2010, 111, 955-960.	2.2	60
15	National representation in the anaesthesia literature: a bibliometric analysis of highly cited anaesthesia journals*. Anaesthesia, 2010, 65, 799-804.	3.8	56
16	Interprofessional communication in the operating room: a narrative review to advance research and practice. Canadian Journal of Anaesthesia, 2019, 66, 1251-1260.	1.6	55
17	Global Rating Scale for the Assessment of Paramedic Clinical Competence. Prehospital Emergency Care, 2013, 17, 57-67.	1.8	54
18	Measuring the teamwork performance of teams in crisis situations: a systematic review of assessment tools and their measurement properties. BMJ Quality and Safety, 2019, 28, 327-337.	3.7	54

#	ARTICLE	IF	CITATIONS
19	Learning fiberoptic intubation with a virtual computer program transfers to "hands on"™ improvement. <i>European Journal of Anaesthesiology</i> , 2010, 27, 31-35.	1.7	48
20	h-indices in a university department of anaesthesia: an evaluation of their feasibility, reliability, and validity as an assessment of academic performance. <i>British Journal of Anaesthesia</i> , 2011, 106, 325-330.	3.4	48
21	L'observance incomplète de l'algorithme de prise en charge de l'intubation difficile de l'ASA demeure inchangée au terme d'une séance de simulation haute fidélité. <i>Canadian Journal of Anaesthesia</i> , 2010, 57, 644-649.	1.6	47
22	Ultrasound-Guided Regional Anesthesia Simulation Training. <i>Regional Anesthesia and Pain Medicine</i> , 2017, 42, 741-750.	2.3	47
23	Use of a hand-held digital cognitive aid in simulated crises: the MAX randomized controlled trial. <i>British Journal of Anaesthesia</i> , 2017, 119, 1015-1021.	3.4	40
24	Improving skills retention after advanced structured resuscitation training: A systematic review of randomized controlled trials. <i>Resuscitation</i> , 2019, 138, 284-296.	3.0	40
25	Cricoid Pressure Provides Incomplete Esophageal Occlusion Associated with Lateral Deviation: A Magnetic Resonance Imaging Study. <i>Journal of Emergency Medicine</i> , 2012, 42, 606-611.	0.7	38
26	References that anyone can edit: review of Wikipedia citations in peer reviewed health science literature. <i>BMJ, The</i> , 2014, 348, g1585-g1585.	6.0	36
27	Barriers and Enablers to Direct Observation of Trainees' Clinical Performance: A Qualitative Study Using the Theoretical Domains Framework. <i>Academic Medicine</i> , 2019, 94, 101-114.	1.6	36
28	The aging anesthesiologist: a narrative review and suggested strategies. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 865-875.	1.6	35
29	Learning crisis resource management: Practicing versus an observational role in simulation training—a randomized controlled trial. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2016, 35, 275-281.	1.4	35
30	Measuring non-technical skills of anaesthesiologists in the operating room: a systematic review of assessment tools and their measurement properties. <i>British Journal of Anaesthesia</i> , 2018, 121, 1218-1226.	3.4	32
31	E-learning optimization: the relative and combined effects of mental practice and modeling on enhanced podcast-based learning—a randomized controlled trial. <i>Advances in Health Sciences Education</i> , 2016, 21, 789-802.	3.3	29
32	A qualitative study exploring mentorship in anesthesiology: perspectives from both sides of the relationship. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 851-861.	1.6	29
33	Barriers and enablers to effective interprofessional teamwork in the operating room: A qualitative study using the Theoretical Domains Framework. <i>PLoS ONE</i> , 2021, 16, e0249576.	2.5	27
34	Program director and resident perspectives of a competency-based medical education anesthesia residency program in Canada: a needs assessment. <i>Korean Journal of Medical Education</i> , 2016, 28, 157-168.	1.3	27
35	Nontechnical Skill Assessment of the Collective Surgical Team Using the Non-Technical Skills for Surgeons (NOTSS) System. <i>Annals of Surgery</i> , 2020, 272, 1158-1163.	4.2	25
36	Debriefing decreases mental workload in surgical crisis: A randomized controlled trial. <i>Surgery</i> , 2017, 161, 1215-1220.	1.9	24

#	ARTICLE	IF	CITATIONS
37	Inter-rater reliability of h-index scores calculated by Web of Science and Scopus for clinical epidemiology scientists. <i>Health Information and Libraries Journal</i> , 2016, 33, 140-149.	2.5	23
38	Does warm-up using mental practice improve crisis resource management performance? A simulation study. <i>British Journal of Anaesthesia</i> , 2013, 110, 299-304.	3.4	22
39	Interprofessional team debriefings with or without an instructor after a simulated crisis scenario: An exploratory case study. <i>Journal of Interprofessional Care</i> , 2016, 30, 717-725.	1.7	22
40	Factors that influence effective perioperative temperature management by anesthesiologists: a qualitative study using the Theoretical Domains Framework. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 581-596.	1.6	22
41	Use of rocuronium and sugammadex for caesarean delivery in a patient with myasthenia gravis. <i>International Journal of Obstetric Anesthesia</i> , 2012, 21, 286-287.	0.4	21
42	Retention of Basic Life Support in Laypeople: Mastery Learning vs. Time-based Education. <i>Prehospital Emergency Care</i> , 2017, 21, 362-377.	1.8	21
43	Personalized perioperative medicine: a scoping review of personalized assessment and communication of risk before surgery. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 1026-1037.	1.6	21
44	Interventions for improving teamwork in intrapartum care: a systematic review of randomised controlled trials. <i>BMJ Quality and Safety</i> , 2020, 29, 77-85.	3.7	21
45	A cost-effectiveness analysis of self-debriefing versus instructor debriefing for simulated crises in perioperative medicine in Canada. <i>Journal of Educational Evaluation for Health Professions</i> , 2017, 13, 44.	12.6	20
46	Intubating laryngeal mask airway placement by non-physician healthcare providers in management out-of-hospital cardiac arrests: A case series. <i>Resuscitation</i> , 2014, 85, 320-325.	3.0	19
47	Peripheral venous catheter insertion simulation training: A randomized controlled trial comparing performance after instructor-led teaching versus peer-assisted learning. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2017, 36, 397-402.	1.4	19
48	Virtual simulation training for fiberoptic intubation. <i>Canadian Journal of Anaesthesia</i> , 2009, 56, 87-88.	1.6	18
49	Cricothyrotomy training increases adherence to the ASA difficult airway algorithm in a simulated crisis: a randomized controlled trial. <i>Canadian Journal of Anaesthesia</i> , 2015, 62, 485-494.	1.6	18
50	Cognitive Aids for Role Definition (CARD) to improve interprofessional team crisis resource management: An exploratory study. <i>Journal of Interprofessional Care</i> , 2016, 30, 582-590.	1.7	18
51	How gender shapes interprofessional teamwork in the operating room: a qualitative secondary analysis. <i>BMC Health Services Research</i> , 2021, 21, 1357.	2.2	18
52	Severe vancomycin-induced drug rash with eosinophilia and systemic symptoms syndrome imitating septic shock. <i>European Journal of Anaesthesiology</i> , 2009, 26, 791-793.	1.7	17
53	Exploring stakeholder perceptions around implementation of the Operating Room Black Box for patient safety research: a qualitative study using the theoretical domains framework. <i>BMJ Open Quality</i> , 2019, 8, e000686.	1.1	16
54	Patient prioritization of routine and patient-reported postoperative outcome measures: a prospective, nested cross-sectional study. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 693-703.	1.6	16

#	ARTICLE	IF	CITATIONS
55	“Read-and-do”™ response to a digital cognitive aid in simulated cardiac arrest: the Medical Assistance eXpert 2 randomised controlled trial. <i>British Journal of Anaesthesia</i> , 2019, 123, e160-e163.	3.4	15
56	Nontechnical Skills (NTS) in the Undergraduate Surgical and Anesthesiology Curricula: Are We Adequately Preparing Medical Students?. <i>Journal of Surgical Education</i> , 2021, 78, 502-511.	2.5	15
57	“eGLOSAT” a tool to assess CanMEDS competencies during simulated crises. <i>Canadian Journal of Anaesthesia</i> , 2013, 60, 280-289.	1.6	14
58	Association of intraoperative anaesthesia handovers with patient morbidity and mortality: a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2020, 125, 605-613.	3.4	14
59	Faculty experiences regarding a global partnership for anesthesia postgraduate training: a qualitative study. <i>Canadian Journal of Anaesthesia</i> , 2015, 62, 11-21.	1.6	13
60	Development and evaluation of an evidence-based, theory-grounded online Clinical Frailty Scale tutorial. <i>Age and Ageing</i> , 2022, 51, .	1.6	13
61	Chest compressions performed by ED staff: a randomized cross-over simulation study on the floor and on a stretcher. <i>American Journal of Emergency Medicine</i> , 2012, 30, 1928-1934.	1.6	12
62	On the Assessment of Paramedic Competence: A Narrative Review with Practice Implications. <i>Prehospital and Disaster Medicine</i> , 2016, 31, 64-73.	1.3	12
63	Evolution of stress in anaesthesia registrars with repeated simulated courses: An observational study. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2017, 36, 21-26.	1.4	12
64	Implementation of the Operating Room Black Box Research Program at the Ottawa Hospital Through Patient, Clinical, and Organizational Engagement: Case Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e15443.	4.3	12
65	The Effectiveness and Safety of Hyperbaric Oxygen Therapy in Various Phenotypes of Inflammatory Bowel Disease: Systematic Review With Meta-analysis. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 611-621.	1.9	12
66	Measuring the teamwork performance of operating room teams: a systematic review of assessment tools and their measurement properties. <i>Journal of Interprofessional Care</i> , 2021, 35, 37-45.	1.7	10
67	Setting standards for simulation in anesthesia: the role of safety criteria in accreditation standards. <i>Canadian Journal of Anaesthesia</i> , 2011, 58, 846-852.	1.6	9
68	Effect of audit and feedback on physicians’ intraoperative temperature management and patient outcomes: a three-arm cluster randomized-controlled trial comparing benchmarked and ranked feedback. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 1196-1209.	1.6	9
69	Why gender matters in the operating room: recommendations for a research agenda. <i>British Journal of Anaesthesia</i> , 2018, 121, 997-999.	3.4	9
70	Unilateral Transversus Abdominis Plane Block Catheter for the Treatment of Abdominal Wall Pain in Pregnancy. <i>Regional Anesthesia and Pain Medicine</i> , 2015, 40, 720-722.	2.3	8
71	Anesthesia interventions that alter perioperative mortality: a scoping review. <i>Systematic Reviews</i> , 2018, 7, 218.	5.3	7
72	Reporting preclinical anesthesia study (REPEAT): Evaluating the quality of reporting in the preclinical anesthesiology literature. <i>PLoS ONE</i> , 2019, 14, e0215221.	2.5	7

#	ARTICLE	IF	CITATIONS
73	Physical health risks during simulation-based COVID-19 pandemic readiness training. Canadian Journal of Anaesthesia, 2020, 67, 1667-1669.	1.6	7
74	S��ance de simulation: du briefing au d��briefing. , 2013, , 313-328.		7
75	Performance feedback in anesthesia: a post-implementation survey. Canadian Journal of Anaesthesia, 2017, 64, 681-682.	1.6	6
76	Can preventive hyperbaric oxygen therapy optimise surgical outcome?. European Journal of Anaesthesiology, 2020, Publish Ahead of Print, 636-648.	1.7	6
77	Tranexamic acid for prevention of bleeding in cesarean delivery: An overview of systematic reviews. Acta Anaesthesiologica Scandinavica, 2022, 66, 3-16.	1.6	6
78	Efficacy and safety of hyperbaric oxygen treatment in SARS-COV-2 (COVID-19) pneumonia: a systematic review. Diving and Hyperbaric Medicine, 2021, 51, 271-281.	0.5	6
79	Six Sigma in surgery: how to create a safer culture in the operating theatre using innovative technology. British Journal of Anaesthesia, 2021, 127, 817-820.	3.4	5
80	Effect of the surgical safety checklist on provider and patient outcomes: a systematic review. BMJ Quality and Safety, 2022, 31, 463-478.	3.7	5
81	The Cognitive Aids with Roles Defined " CARD: A new concept for crisis management. Resuscitation, 2013, 84, e47-e48.	3.0	4
82	The potential for anesthesiologist practice feedback to reduce postoperative vomiting in an academic centre. Canadian Journal of Anaesthesia, 2019, 66, 609-610.	1.6	4
83	Looking Beyond Model Fidelity. Anesthesiology, 2009, 110, 1428-1429.	2.5	4
84	Mapping multicenter randomized controlled trials in anesthesiology: a scoping review. Systematic Reviews, 2021, 10, 276.	5.3	4
85	Using an artificial intelligence tool can be as accurate as human assessors in level one screening for a systematic review. Health Information and Libraries Journal, 2021, , .	2.5	4
86	Impact of physician's sex/gender on processes of care, and clinical outcomes in cardiac operative care: a systematic review. BMJ Open, 2020, 10, e037139.	1.9	4
87	Evolving challenges and opportunities for difficult airway management guidelines. Canadian Journal of Anaesthesia, 2011, 58, 703-708.	1.6	3
88	Do Technical Skills Correlate With Non-Technical Skills in Crisis Resource Management. Survey of Anesthesiology, 2014, 58, 15.	0.1	3
89	Call for an internationally recognized interprofessional simulation-based disease/injury independent, crisis resource management training certification. Resuscitation, 2015, 92, e7.	3.0	3
90	Defining critical and non-critical moments in the operating room: a modified Delphi consensus study. Canadian Journal of Anaesthesia, 2020, 67, 949-958.	1.6	3

#	ARTICLE	IF	CITATIONS
91	Evidence for simulation-based education in hyperbaric medicine: A systematic review. <i>Diving and Hyperbaric Medicine</i> , 2019, 49, 209-215.	0.5	3
92	LMA with positive pressure ventilation is safe!. <i>Korean Journal of Anesthesiology</i> , 2011, 61, 88.	2.5	3
93	Airway recommendations for perioperative patients during the COVID-19 pandemic: a scoping review. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 644-657.	1.6	3
94	Non-technical skills assessment in the post-operative setting. <i>Journal of the American College of Surgeons</i> , 2011, 213, S122.	0.5	2
95	Code Reader. <i>Simulation in Healthcare</i> , 2012, 7, 136-137.	1.2	2
96	Combined rigid videolaryngoscopy-flexible bronchoscopy for intubation. <i>Korean Journal of Anesthesiology</i> , 2011, 60, 381.	2.5	2
97	Interactive Online Learning for Attending Physicians in Ultrasound-guided Central Venous Catheter Insertion. <i>Cureus</i> , 2017, 9, e1592.	0.5	2
98	Early or late booster for basic life support skill for laypeople: a simulation-based randomized controlled trial. <i>Canadian Journal of Emergency Medicine</i> , 2022, 24, 408-418.	1.1	2
99	Board 352 - Research Abstract Simulation and the Maintenance of Competence in the Acute Medical Specialties - A Systematic Review (Submission #473). <i>Simulation in Healthcare</i> , 2013, 8, 547-548.	1.2	1
100	Goldilocks and the perioperative patient: not too hot, not too cold. <i>Acta Anaesthesiologica Scandinavica</i> , 2017, 61, 460-461.	1.6	1
101	Research Productivity and Rankings of Anesthesiology Departments in Canada and the United States. <i>Anesthesia and Analgesia</i> , 2018, Publish Ahead of Print, .	2.2	1
102	Hydroxyethyl starch (HES) utilization before and after a regulatory safety warning. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 113-114.	1.6	1
103	Simulation et compétences non techniques. , 2013, , 151-160.		1
104	Cognitive aids with roles defined (CARD) for obstetrical crises: a multisite before-and-after cohort study. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 970-980.	1.6	1
105	Does the age of acute care physicians impact their (1) crisis management performance and (2) learning after simulation-based education? A protocol for a multicentre prospective cohort study in Toronto and Ottawa, Canada. <i>BMJ Open</i> , 2018, 8, e020940.	1.9	1
106	A Delphi study to identify relevant scenarios as the first step toward an international hyperbaric medicine simulation curriculum. <i>Diving and Hyperbaric Medicine</i> , 2022, 52, 44-48.	0.5	1
107	Hyperbaric oxygen therapy for treatment of a late presenting ischaemic complication from hyaluronic acid cosmetic filler injection. <i>BMJ Case Reports</i> , 2022, 15, e249190.	0.5	1
108	Should anaesthetists be involved in prehospital care?. <i>British Journal of Hospital Medicine (London)</i> , 2022, 25, 1010-1011.	0.5	1

#	ARTICLE	IF	CITATIONS
109	Fibroscope virtuelle. Praticien En Anesthesie Reanimation, 2011, 15, 253-255.	0.0	0
110	Teaching hemodynamics via horticulture. Canadian Journal of Anaesthesia, 2011, 58, 588-589.	1.6	0
111	Core Clinical Competencies in Anesthesiology: A Case-Based Approach. Canadian Journal of Anaesthesia, 2011, 58, 1059-1060.	1.6	0
112	Low cost, easy to make simulated dantrolene for malignant hyperthermia scenarios. Acta Anaesthesiologica Scandinavica, 2014, 58, 372-373.	1.6	0
113	Can we sooth the subconscious during general anaesthesia?. BMJ, The, 2020, 371, m4547.	6.0	0
114	Sex/gender and additional equity characteristics of providers and patients in perioperative anesthesia trials: a cross-sectional analysis of the literature. Korean Journal of Anesthesiology, 2021, 74, 6-14.	2.5	0
115	A158 THE EFFECTIVENESS AND SAFETY OF HYPERBARIC OXYGEN THERAPY IN INFLAMMATORY BOWEL DISEASE AND ITS ASSOCIATED CONDITIONS: A SYSTEMATIC REVIEW AND META-ANALYSIS. Journal of the Canadian Association of Gastroenterology, 2021, 4, 164-166.	0.3	0
116	Interprofessional simulation: The challenges of teamwork training. Perioperative Care and Operating Room Management, 2021, 24, 100180.	0.3	0
117	Simulation en Ã©quipe. , 2013, , 329-338.		0
118	Impact of physician's sex/gender on processes of care, and clinical outcomes in cardiac operative care: a systematic review. BMJ Open, 2020, 10, e037139.	1.9	0
119	Editorial: is hyperbaric oxygen a therapeutic opportunity for refractory perianal Crohn's disease?. Alimentary Pharmacology and Therapeutics, 2021, 53, 667-668.	3.7	0