

Sylvain Boet

List of Publications by Year in descending order

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Version: 2024-02-01

119
papers

3,685
citations

196777

29
h-index

162838

57
g-index

131
all docs

131
docs citations

131
times ranked

3665
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.9	12
2	Tranexamic acid for prevention of bleeding in cesarean delivery: An overview of systematic reviews. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, 66, 3-16.	0.7	6
3	Development and evaluation of an evidence-based, theory-grounded online Clinical Frailty Scale tutorial. <i>Age and Ageing</i> , 2022, 51, .	0.7	13
4	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.	0.7	16
5	Airway recommendations for perioperative patients during the COVID-19 pandemic: a scoping review. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 644-657.	0.7	3
6	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.	0.2	1
7	Effect of the surgical safety checklist on provider and patient outcomes: a systematic review. <i>BMJ Quality and Safety</i> , 2022, 31, 463-478.	1.8	5
8	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.	0.5	2
9	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.	0.2	1
10	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.	0.8	10
11	Sex/gender and additional equity characteristics of providers and patients in perioperative anesthesia trials: a cross-sectional analysis of the literature. <i>Korean Journal of Anesthesiology</i> , 2021, 74, 6-14.	0.9	0
12	A158 THE EFFECTIVENESS AND SAFETY OF HYPERBARIC OXYGEN THERAPY IN INFLAMMATORY BOWEL DISEASE AND ITS ASSOCIATED CONDITIONS: A SYSTEMATIC REVIEW AND META-ANALYSIS. <i>Journal of the Canadian Association of Gastroenterology</i> , 2021, 4, 164-166.	0.1	0
13	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.	1.2	15
14	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.	2.1	12
15	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.	1.1	27
16	Six Sigma in surgery: how to create a safer culture in the operating theatre using innovative technology. <i>British Journal of Anaesthesia</i> , 2021, 127, 817-820.	1.5	5
17	Interprofessional simulation: The challenges of teamwork training. <i>Perioperative Care and Operating Room Management</i> , 2021, 24, 100180.	0.2	0
18	Efficacy and safety of hyperbaric oxygen treatment in SARS-COV-2 (COVID-19) pneumonia: a systematic review. <i>Diving and Hyperbaric Medicine</i> , 2021, 51, 271-281.	0.2	6

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19	Mapping multicenter randomized controlled trials in anesthesiology: a scoping review. <i>Systematic Reviews</i> , 2021, 10, 276.	2.5	4
20	Using an artificial intelligence tool can be as accurate as human assessors in level one screening for a systematic review. <i>Health Information and Libraries Journal</i> , 2021, , .	1.3	4
21	How gender shapes interprofessional teamwork in the operating room: a qualitative secondary analysis. <i>BMC Health Services Research</i> , 2021, 21, 1357.	0.9	18
22	Editorial: is hyperbaric oxygen a therapeutic opportunity for refractory perianal Crohn's disease?. <i>Alimentary Pharmacology and Therapeutics</i> , 2021, 53, 667-668.	1.9	0
23	Interventions for improving teamwork in intrapartum care: a systematic review of randomised controlled trials. <i>BMJ Quality and Safety</i> , 2020, 29, 77-85.	1.8	21
24	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.	2.1	25
25	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.	1.5	14
26	Can preventive hyperbaric oxygen therapy optimise surgical outcome?. <i>European Journal of Anaesthesiology</i> , 2020, Publish Ahead of Print, 636-648.	0.7	6
27	Can we sooth the subconscious during general anaesthesia?. <i>BMJ, The</i> , 2020, 371, m4547.	3.0	0
28	Defining critical and non-critical moments in the operating room: a modified Delphi consensus study. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 949-958.	0.7	3
29	Physical health risks during simulation-based COVID-19 pandemic readiness training. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1667-1669.	0.7	7
30	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.	0.7	1
31	Impact of physician's sex/gender on processes of care, and clinical outcomes in cardiac operative care: a systematic review. <i>BMJ Open</i> , 2020, 10, e037139.	0.8	0
32	Impact of physician's sex/gender on processes of care, and clinical outcomes in cardiac operative care: a systematic review. <i>BMJ Open</i> , 2020, 10, e037139.	0.8	4
33	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.	0.7	21
34	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.	0.4	16
35	The potential for anesthesiologist practice feedback to reduce postoperative vomiting in an academic centre. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 609-610.	0.7	4
36	Reporting preclinical anesthesia study (REPEAT): Evaluating the quality of reporting in the preclinical anesthesiology literature. <i>PLoS ONE</i> , 2019, 14, e0215221.	1.1	7

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37	“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.	1.5	15
38	Interprofessional communication in the operating room: a narrative review to advance research and practice. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 1251-1260.	0.7	55
39	Improving skills retention after advanced structured resuscitation training: A systematic review of randomized controlled trials. <i>Resuscitation</i> , 2019, 138, 284-296.	1.3	40
40	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.	0.8	36
41	Hydroxyethyl starch (HES) utilization before and after a regulatory safety warning. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 113-114.	0.7	1
42	Measuring the teamwork performance of teams in crisis situations: a systematic review of assessment tools and their measurement properties. <i>BMJ Quality and Safety</i> , 2019, 28, 327-337.	1.8	54
43	Evidence for simulation-based education in hyperbaric medicine: A systematic review. <i>Diving and Hyperbaric Medicine</i> , 2019, 49, 209-215.	0.2	3
44	Research Productivity and Rankings of Anesthesiology Departments in Canada and the United States. <i>Anesthesia and Analgesia</i> , 2018, Publish Ahead of Print, .	1.1	1
45	Anesthesia interventions that alter perioperative mortality: a scoping review. <i>Systematic Reviews</i> , 2018, 7, 218.	2.5	7
46	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.	1.5	32
47	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.	0.7	9
48	Why gender matters in the operating room: recommendations for a research agenda. <i>British Journal of Anaesthesia</i> , 2018, 121, 997-999.	1.5	9
49	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.	0.8	1
50	Debriefing decreases mental workload in surgical crisis: A randomized controlled trial. <i>Surgery</i> , 2017, 161, 1215-1220.	1.0	24
51	Retention of Basic Life Support in Laypeople: Mastery Learning vs. Time-based Education. <i>Prehospital Emergency Care</i> , 2017, 21, 362-377.	1.0	21
52	Peripheral venous catheter insertion simulation training: A randomized controlled trial comparing performance after instructor-led teaching versus peer-assisted learning. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2017, 36, 397-402.	0.6	19
53	Goldilocks and the perioperative patient: not too hot, not too cold. <i>Acta Anaesthesiologica Scandinavica</i> , 2017, 61, 460-461.	0.7	1
54	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.	0.7	22

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55	Performance feedback in anesthesia: a post-implementation survey. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 681-682.	0.7	6
56	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.	1.5	40
57	Ultrasound-Guided Regional Anesthesia Simulation Training. <i>Regional Anesthesia and Pain Medicine</i> , 2017, 42, 741-750.	1.1	47
58	Evolution of stress in anaesthesia registrars with repeated simulated courses: An observational study. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2017, 36, 21-26.	0.6	12
59	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.	5.9	20
60	Interactive Online Learning for Attending Physicians in Ultrasound-guided Central Venous Catheter Insertion. <i>Cureus</i> , 2017, 9, e1592.	0.2	2
61	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.	0.8	18
62	On the Assessment of Paramedic Competence: A Narrative Review with Practice Implications. <i>Prehospital and Disaster Medicine</i> , 2016, 31, 64-73.	0.7	12
63	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.	1.7	29
64	A BEME systematic review of the effects of interprofessional education: BEME Guide No. 39. <i>Medical Teacher</i> , 2016, 38, 656-668.	1.0	617
65	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.	0.8	22
66	A qualitative study exploring mentorship in anesthesiology: perspectives from both sides of the relationship. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 851-861.	0.7	29
67	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.	1.3	23
68	Learning crisis resource management: Practicing versus an observational role in simulation training—a randomized controlled trial. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2016, 35, 275-281.	0.6	35
69	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.	0.6	27
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.	1.1	8
71	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.	0.7	18
72	Faculty experiences regarding a global partnership for anesthesia postgraduate training: a qualitative study. <i>Canadian Journal of Anaesthesia</i> , 2015, 62, 11-21.	0.7	13

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73	Call for an internationally recognized interprofessional simulation-based disease/injury independent, crisis resource management training certification. <i>Resuscitation</i> , 2015, 92, e7.	1.3	3
74	The Role of Simulation in Continuing Medical Education for Acute Care Physicians. <i>Critical Care Medicine</i> , 2015, 43, 186-193.	0.4	64
75	Interprofessional Education and Practice Guide No. 3: Evaluating interprofessional education. <i>Journal of Interprofessional Care</i> , 2015, 29, 305-312.	0.8	134
76	Impact of crisis resource management simulation-based training for interprofessional and interdisciplinary teams: A systematic review. <i>Journal of Interprofessional Care</i> , 2015, 29, 433-444.	0.8	142
77	Twelve tips for a successful interprofessional team-based high-fidelity simulation education session. <i>Medical Teacher</i> , 2014, 36, 853-857.	1.0	118
78	References that anyone can edit: review of Wikipedia citations in peer reviewed health science literature. <i>BMJ</i> , The, 2014, 348, g1585-g1585.	3.0	36
79	Low cost, easy to make simulated dantrolene for malignant hyperthermia scenarios. <i>Acta Anaesthesiologica Scandinavica</i> , 2014, 58, 372-373.	0.7	0
80	Do Technical Skills Correlate With Non-Technical Skills in Crisis Resource Management. <i>Survey of Anesthesiology</i> , 2014, 58, 15.	0.1	3
81	The aging anesthesiologist: a narrative review and suggested strategies. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 865-875.	0.7	35
82	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.	1.3	19
83	Transfer of learning and patient outcome in simulated crisis resource management: a systematic review. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 571-582.	0.7	200
84	CanMEDS: a tool to assess CanMEDS competencies during simulated crises. <i>Canadian Journal of Anaesthesia</i> , 2013, 60, 280-289.	0.7	14
85	Global Rating Scale for the Assessment of Paramedic Clinical Competence. <i>Prehospital Emergency Care</i> , 2013, 17, 57-67.	1.0	54
86	The h-index outperforms other bibliometrics in the assessment of research performance in general surgery: A province-wide study. <i>Surgery</i> , 2013, 153, 493-501.	1.0	89
87	The Cognitive Aids with Roles Defined - CARD: A new concept for crisis management. <i>Resuscitation</i> , 2013, 84, e47-e48.	1.3	4
88	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.	0.7	1
89	Does warm-up using mental practice improve crisis resource management performance? A simulation study. <i>British Journal of Anaesthesia</i> , 2013, 110, 299-304.	1.5	22
90	Within-Team Debriefing Versus Instructor-Led Debriefing for Simulation-Based Education. <i>Annals of Surgery</i> , 2013, 258, 53-58.	2.1	134

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91	S�ance de simulation: du briefing au d�briefing. , 2013, , 313-328.		7
92	Simulation et comp�tences non techniques. , 2013, , 151-160.		1
93	Simulation en �quipe. , 2013, , 329-338.		0
94	Code Reader. Simulation in Healthcare, 2012, 7, 136-137.	0.7	2
95	Do technical skills correlate with non-technical skills in crisis resource management: a simulation study. British Journal of Anaesthesia, 2012, 109, 723-728.	1.5	87
96	Use of rocuronium and sugammadex for caesarean delivery in a patient with myasthenia gravis. International Journal of Obstetric Anesthesia, 2012, 21, 286-287.	0.2	21
97	Cricoid Pressure Provides Incomplete Esophageal Occlusion Associated with Lateral Deviation: A Magnetic Resonance Imaging Study. Journal of Emergency Medicine, 2012, 42, 606-611.	0.3	38
98	Chest compressions performed by ED staff: a randomized cross-over simulation study on the floor and on a stretcher. American Journal of Emergency Medicine, 2012, 30, 1928-1934.	0.7	12
99	Review article: Medical education research: an overview of methods. Canadian Journal of Anaesthesia, 2012, 59, 159-170.	0.7	83
100	Interprofessional simulated learning: the need for �sociological fidelity�™. Journal of Interprofessional Care, 2011, 25, 81-83.	0.8	75
101	Fibroskopie virtuelle. Praticien En Anesthésie Reanimation, 2011, 15, 253-255.	0.0	0
102	Looking in the mirror: Self-debriefing versus instructor debriefing for simulated crises*. Critical Care Medicine, 2011, 39, 1377-1381.	0.4	165
103	Non-technical skills assessment in the post-operative setting. Journal of the American College of Surgeons, 2011, 213, S122.	0.2	2
104	Teaching hemodynamics via horticulture. Canadian Journal of Anaesthesia, 2011, 58, 588-589.	0.7	0
105	Evolving challenges and opportunities for difficult airway management guidelines. Canadian Journal of Anaesthesia, 2011, 58, 703-708.	0.7	3
106	Setting standards for simulation in anesthesia: the role of safety criteria in accreditation standards. Canadian Journal of Anaesthesia, 2011, 58, 846-852.	0.7	9
107	Core Clinical Competencies in Anesthesiology: A Case-Based Approach. Canadian Journal of Anaesthesia, 2011, 58, 1059-1060.	0.7	0
108	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.	1.5	144

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109	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.	1.5	48
110	Combined rigid videolaryngoscopy-flexible bronchoscopy for intubation. <i>Korean Journal of Anesthesiology</i> , 2011, 60, 381.	0.9	2
111	LMA with positive pressure ventilation is safe!. <i>Korean Journal of Anesthesiology</i> , 2011, 61, 88.	0.9	3
112	Learning fiberoptic intubation with a virtual computer program transfers to "hands on"™ improvement. <i>European Journal of Anaesthesiology</i> , 2010, 27, 31-35.	0.7	48
113	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.	0.7	47
114	National representation in the anaesthesia literature: a bibliometric analysis of highly cited anaesthesia journals. <i>Anaesthesia</i> , 2010, 65, 799-804.	1.8	56
115	High-Fidelity Simulation Demonstrates the Influence of Anesthesiologists' Age and Years from Residency on Emergency Cricothyroidotomy Skills. <i>Anesthesia and Analgesia</i> , 2010, 111, 955-960.	1.1	60
116	Should anaesthetists be involved in prehospital care?. <i>British Journal of Hospital Medicine (London)</i> , 2010, 10, 10-11.	0.2	0
117	Virtual simulation training for fiberoptic intubation. <i>Canadian Journal of Anaesthesia</i> , 2009, 56, 87-88.	0.7	18
118	Severe vancomycin-induced drug rash with eosinophilia and systemic symptoms syndrome imitating septic shock. <i>European Journal of Anaesthesiology</i> , 2009, 26, 791-793.	0.7	17
119	Looking Beyond Model Fidelity. <i>Anesthesiology</i> , 2009, 110, 1428-1429.	1.3	4