

Philippe Seguin

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

5,364
citations

87888

38
h-index

88630

70
g-index

129
all docs

129
docs citations

129
times ranked

6278
citing authors

#	ARTICLE	IF	CITATIONS
1	Attributable mortality of ventilator-associated pneumonia: a meta-analysis of individual patient data from randomised prevention studies. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 665-671.	9.1	625
2	Clinical review: The liver in sepsis. <i>Critical Care</i> , 2012, 16, 235.	5.8	211
3	Prevalence and impact of frailty on mortality in elderly ICU patients: a prospective, multicenter, observational study. <i>Intensive Care Medicine</i> , 2014, 40, 674-82.	8.2	210
4	Personalised mechanical ventilation tailored to lung morphology versus low positive end-expiratory pressure for patients with acute respiratory distress syndrome in France (the LIVE study): a multicentre, single-blind, randomised controlled trial. <i>Lancet Respiratory Medicine</i> , the, 2019, 7, 870-880.	10.7	202
5	Effect of Noninvasive Ventilation on Tracheal Reintubation Among Patients With Hypoxemic Respiratory Failure Following Abdominal Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1345.	7.4	184
6	Hydrocortisone Therapy for Patients With Multiple Trauma. <i>JAMA - Journal of the American Medical Association</i> , 2011, 305, 1201.	7.4	175
7	Fungal infections in mechanically ventilated patients with COVID-19 during the first wave: the French multicentre MYCOVID study. <i>Lancet Respiratory Medicine</i> , the, 2022, 10, 180-190.	10.7	161
8	The Effects of Small-Dose Ketamine on Morphine Consumption in Surgical Intensive Care Unit Patients After Major Abdominal Surgery. <i>Anesthesia and Analgesia</i> , 2003, 97, 843-847.	2.2	158
9	Incidence and prognosis of ventilator-associated tracheobronchitis (TAVeM): a multicentre, prospective, observational study. <i>Lancet Respiratory Medicine</i> , the, 2015, 3, 859-868.	10.7	152
10	Incidence and risk factors of atrial fibrillation in a surgical intensive care unit*. <i>Critical Care Medicine</i> , 2004, 32, 722-726.	0.9	146
11	Herpes simplex virus and cytomegalovirus reactivations among severe COVID-19 patients. <i>Critical Care</i> , 2020, 24, 530.	5.8	125
12	Short-course antibiotic therapy for critically ill patients treated for postoperative intra-abdominal infection: the DURAPOP randomised clinical trial. <i>Intensive Care Medicine</i> , 2018, 44, 300-310.	8.2	122
13	Effect of oropharyngeal decontamination by povidone-iodine on ventilator-associated pneumonia in patients with head trauma*. <i>Critical Care Medicine</i> , 2006, 34, 1514-1519.	0.9	113
14	Nutrition of the COVID-19 patient in the intensive care unit (ICU): a practical guidance. <i>Critical Care</i> , 2020, 24, 447.	5.8	108
15	Hydrocortisone and fludrocortisone for prevention of hospital-acquired pneumonia in patients with severe traumatic brain injury (Corti-TC): a double-blind, multicentre phase 3, randomised placebo-controlled trial. <i>Lancet Respiratory Medicine</i> , the, 2014, 2, 706-716.	10.7	98
16	Clinical review: Fever in septic ICU patients - friend or foe?. <i>Critical Care</i> , 2011, 15, 222.	5.8	95
17	Atrial fibrillation in trauma patients requiring intensive care. <i>Intensive Care Medicine</i> , 2006, 32, 398-404.	8.2	93
18	Effect of Oropharyngeal Povidone-Iodine Preventive Oral Care on Ventilator-Associated Pneumonia in Severely Brain-Injured or Cerebral Hemorrhage Patients. <i>Critical Care Medicine</i> , 2014, 42, 1-8.	0.9	91

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19	Effects of epinephrine on right ventricular function in patients with severe septic shock and right ventricular failure: a preliminary descriptive study. <i>Intensive Care Medicine</i> , 1997, 23, 664-670.	8.2	86
20	A multi-faceted strategy to reduce ventilation-associated mortality in brain-injured patients. The BI-VILI project: a nationwide quality improvement project. <i>Intensive Care Medicine</i> , 2017, 43, 957-970.	8.2	81
21	Catecholamines induce an inflammatory response in human hepatocytes. <i>Critical Care Medicine</i> , 2008, 36, 848-854.	0.9	80
22	Extubation Success Prediction in a Multicentric Cohort of Patients with Severe Brain Injury. <i>Anesthesiology</i> , 2017, 127, 338-346.	2.5	73
23	Factors associated with multidrug-resistant bacteria in secondary peritonitis: impact on antibiotic therapy. <i>Clinical Microbiology and Infection</i> , 2006, 12, 980-985.	6.0	71
24	Effects of epinephrine compared with the combination of dobutamine and norepinephrine on gastric perfusion in septic shock. <i>Clinical Pharmacology and Therapeutics</i> , 2002, 71, 381-388.	4.7	67
25	Effect of Continuous Infusion of Hypertonic Saline vs Standard Care on 6-Month Neurological Outcomes in Patients With Traumatic Brain Injury. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 2056.	7.4	64
26	Risk factors for multidrug-resistant bacteria in patients with post-operative peritonitis requiring intensive care. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 342-346.	3.0	63
27	Estimation of the diameter and cross-sectional area of the internal jugular veins in adult patients. <i>Critical Care</i> , 2009, 13, R197.	5.8	61
28	Long-term mortality and quality of life after septic shock: a follow-up observational study. <i>Intensive Care Medicine</i> , 2013, 39, 881-888.	8.2	61
29	Effect of Osmotherapy on Optic Nerve Sheath Diameter in Patients with Increased Intracranial Pressure. <i>Journal of Neurotrauma</i> , 2014, 31, 984-988.	3.4	59
30	Evidence for the need of bedside accuracy of pulse oximetry in an intensive care unit. <i>Critical Care Medicine</i> , 2000, 28, 703-706.	0.9	59
31	Reproducibility of thermodilution cardiac output determination in critically ill patients: Comparison between bolus and continuous method. <i>Journal of Clinical Monitoring and Computing</i> , 1996, 12, 379-385.	0.7	52
32	Successful treatment of a brain abscess due to <i>Trichoderma longibrachiatum</i> after surgical resection. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 1995, 14, 445-448.	2.9	51
33	Is the COVID-19 Pandemic a Good Time to Include <i>Aspergillus</i> Molecular Detection to Categorize Aspergillosis in ICU Patients? A Monocentric Experience. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 105.	3.5	50
34	Effects of price information on test ordering in an intensive care unit. <i>Intensive Care Medicine</i> , 2002, 28, 332-335.	8.2	44
35	Association between continuous hyperosmolar therapy and survival in patients with traumatic brain injury – a multicentre prospective cohort study and systematic review. <i>Critical Care</i> , 2017, 21, 328.	5.8	43
36	Prevalence of iron deficiency on ICU discharge and its relation with fatigue: a multicenter prospective study. <i>Critical Care</i> , 2014, 18, 542.	5.8	41

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37	Atrial fibrillation is not just an artefact in the ICU. Critical Care, 2010, 14, 182.	5.8	40
38	Calcium free hemodialysis: Experience in the treatment of 33 patients with severe hypercalcemia. Intensive Care Medicine, 1996, 22, 116-121.	8.2	39
39	Dopexamine and norepinephrine versus epinephrine on gastric perfusion in patients with septic shock: a randomized study [NCT00134212]. Critical Care, 2006, 10, R32.	5.8	38
40	Etomidate increases susceptibility to pneumonia in trauma patients. Intensive Care Medicine, 2012, 38, 1673-1682.	8.2	37
41	Determination of capillary hemoglobin levels using the HemoCue system in intensive care patients. Journal of Critical Care, 2011, 26, 423-427.	2.2	34
42	Cerebral Microdialysis Effects of Propofol versus Midazolam in Severe Traumatic Brain Injury. Journal of Neurotrauma, 2012, 29, 1105-1110.	3.4	33
43	Speckle tracking analysis allows sensitive detection of stress cardiomyopathy in severe aneurysmal subarachnoid hemorrhage patients. Intensive Care Medicine, 2016, 42, 173-182.	8.2	30
44	Plasma and peritoneal concentration following continuous infusion of cefotaxime in patients with secondary peritonitis. Journal of Antimicrobial Chemotherapy, 2009, 63, 564-567.	3.0	29
45	Pulse oximetry and high-dose vasopressors: a comparison between forehead reflectance and finger transmission sensors. Intensive Care Medicine, 2012, 38, 1718-1722.	8.2	29
46	Early Changes Over Time in the Radiographic Assessment of Lung Edema Score Are Associated With Survival in ARDS. Chest, 2020, 158, 2394-2403.	0.8	29
47	Liver Dysfunction Is Associated with Long-Term Mortality in Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 335-337.	5.6	28
48	Impact of treating iron deficiency, diagnosed according to hepcidin quantification, on outcomes after a prolonged ICU stay compared to standard care: a multicenter, randomized, single-blinded trial. Critical Care, 2021, 25, 62.	5.8	28
49	Empiric antimicrobial therapy for ventilator-associated pneumonia after brain injury. European Respiratory Journal, 2016, 47, 1219-1228.	6.7	25
50	Antifungal therapy for patients with proven or suspected Candida peritonitis: Amarcand2, a prospective cohort study in French intensive care units. Clinical Microbiology and Infection, 2017, 23, 117.e1-117.e8.	6.0	25
51	Post-Traumatic Course Complicated by Cutaneous Infection with Absidia corymbifera. European Journal of Clinical Microbiology and Infectious Diseases, 1999, 18, 737-739.	2.9	24
52	Effectiveness of simple daily sensitization of physicians to the duration of central venous and urinary tract catheterization. Intensive Care Medicine, 2010, 36, 1202-1206.	8.2	24
53	Bench-to-bedside review: Routine postoperative use of the nasogastric tube - utility or futility?. Critical Care, 2006, 11, 201.	5.8	23
54	Risk factors and outcomes for prolonged versus brief fever: a prospective cohort study. Critical Care, 2012, 16, R150.	5.8	20

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55	Impact of Low-Dose Hydrocortisone on the Incidence of Atrial Fibrillation in Patients With Septic Shock: A Propensity Score-Inverse Probability of Treatment Weighting Cohort Study. <i>Journal of Intensive Care Medicine</i> , 2019, 34, 238-244.	2.8	20
56	Hub qualitative blood culture is useful for diagnosis of catheter-related infections in critically ill patients. <i>Intensive Care Medicine</i> , 2005, 31, 645-648.	8.2	19
57	Are enterococci playing a role in postoperative peritonitis in critically ill patients?. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012, 31, 1479-1485.	2.9	19
58	Revised CT angiography venous score with consideration of infratentorial circulation value for diagnosing brain death. <i>Annals of Intensive Care</i> , 2016, 6, 88.	4.6	19
59	COBI (COntinuous hyperosmolar therapy for traumatic Brain-Injured patients) trial protocol: a multicentre randomised open-label trial with blinded adjudication of primary outcome. <i>BMJ Open</i> , 2017, 7, e018035.	1.9	19
60	Effect of a fever control protocol-based strategy on ventilator-associated pneumonia in severely brain-injured patients. <i>Critical Care</i> , 2014, 18, 689.	5.8	18
61	Effect of a Perioperative Nutritional Supplementation with Oral ImpactÂ® in Patients undergoing Hepatic Surgery for Liver Cancer: A Prospective, Placebo-Controlled, Randomized, Double-Blind Study. <i>Nutrition and Cancer</i> , 2016, 68, 464-472.	2.0	18
62	Risk factors for mortality in postoperative peritonitis in critically ill patients. <i>World Journal of Critical Care Medicine</i> , 2017, 6, 48.	1.8	18
63	Effect of an anesthesia with propofol compared with desflurane on free radical production and liver function after partial hepatectomy. <i>Fundamental and Clinical Pharmacology</i> , 2012, 26, 735-742.	1.9	17
64	Risk factors for prolonged duration of mechanical ventilation in acute traumatic tetraplegic patientsâ€”a retrospective cohort study. <i>Journal of Critical Care</i> , 2014, 29, 313.e7-313.e13.	2.2	17
65	Does the clinical frailty score improve the accuracy of the SOFA score in predicting hospital mortality in elderly critically ill patients? A prospective observational study. <i>Journal of Critical Care</i> , 2018, 46, 67-72.	2.2	17
66	The association of cardiovascular failure with treatment for ventilator-associated lower respiratory tract infection. <i>Intensive Care Medicine</i> , 2019, 45, 1753-1762.	8.2	15
67	Improvement of the neurological status of pigs with acute liver failure by hepatocytes immobilized in alginate gel beads inoculated in an extracorporeal bioartificial liver. <i>Transplantation Proceedings</i> , 2001, 33, 1932-1934.	0.6	13
68	Effects of antibiotic prophylaxis on ventilator-associated pneumonia in severe traumatic brain injury. A post hoc analysis of two trials. <i>Journal of Critical Care</i> , 2019, 50, 221-226.	2.2	13
69	Effect of continuous versus intermittent subglottic suctioning on tracheal mucosa by the mallinckrodt taperguard evac oral tracheal tube in intensive care unit ventilated patients: A prospective randomized study. <i>Indian Journal of Critical Care Medicine</i> , 2018, 22, 1-4.	0.9	13
70	Ertapenem in plasma and peritoneal fluid from patients with severe intra-abdominal infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1934-1936.	3.0	12
71	Prevention of early ventilation-acquired pneumonia (VAP) in comatose brain-injured patients by a single dose of ceftriaxone: PROPHY-VAP study protocol, a multicentre, randomised, double-blind, placebo-controlled trial. <i>BMJ Open</i> , 2018, 8, e021488.	1.9	11
72	Factors associated with time to defecate and outcomes in critically ill patients: a prospective, multicentre, observational study. <i>Anaesthesia</i> , 2021, 76, 218-224.	3.8	11

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73	The Role of Catecholamines in Pathophysiological Liver Processes. <i>Cells</i> , 2022, 11, 1021.	4.1	11
74	High-Dose Continuous Oxacillin Infusion Results in Achievement of Pharmacokinetics Targets in Critically Ill Patients with Deep Sternal Wound Infections following Cardiac Surgery. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5448-5455.	3.2	10
75	Evaluation of a new semi-continuous cardiac output system in the intensive care unit. <i>Canadian Journal of Anaesthesia</i> , 1998, 45, 578-583.	1.6	9
76	Impact of iron deficiency diagnosis using hepcidin mass spectrometry dosage methods on hospital stay and costs after a prolonged ICU stay: Study protocol for a multicentre, randomised, single-blinded medico-economic trial. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2017, 36, 391-396.	1.4	9
77	Risk factors of frailty and death or only frailty after intensive care in non-frail elderly patients: a prospective non-interventional study. <i>Journal of Intensive Care</i> , 2019, 7, 48.	2.9	9
78	Respiratory Failure Associated with Hydroxychloroquine Neuromyopathy. <i>European Neurology</i> , 1995, 35, 236-237.	1.4	8
79	Patient factors and outcomes associated with the withdrawal or withholding of life-sustaining therapies in mechanically ventilated brain-injured patients. <i>European Journal of Anaesthesiology</i> , 2018, 35, 511-518.	1.7	8
80	Early use of barbiturates is associated with increased mortality in traumatic brain injury patients from a propensity score-based analysis of a prospective cohort. <i>PLoS ONE</i> , 2022, 17, e0268013.	2.5	8
81	The Accuracy of Transcutaneous PCO ₂ in Subjects With Severe Brain Injury: A Comparison With End-Tidal PCO ₂ . <i>Respiratory Care</i> , 2014, 59, 1242-1247.	1.6	7
82	Management of urinary stone disease in general practice: A French Delphi study. <i>European Journal of General Practice</i> , 2016, 22, 103-110.	2.0	7
83	Prognostic value of high-sensitivity troponin T in aneurysmal subarachnoid hemorrhage: a prospective observational study. <i>Brain Injury</i> , 2019, 33, 1372-1378.	1.2	7
84	Association between perioperative normal saline and delayed graft function in deceased-donor kidney transplantation: a retrospective observational study. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 421-429.	1.6	7
85	Is extracorporeal membrane oxygenation for severe acute respiratory distress syndrome related to intra-abdominal sepsis beneficial?. <i>Intensive Care Medicine</i> , 2015, 41, 943-945.	8.2	6
86	The Accuracy of Temperature Measurements Provided by the Edwards Lifesciences Pulmonary Artery Catheter. <i>Anesthesia and Analgesia</i> , 2016, 122, 1480-1483.	2.2	6
87	A One-Day Prospective National Observational Study on Sedation-Analgesia of Patients with Brain Injury in French Intensive Care Units: The SEDA-BIP-ICU (Sedation-Analgesia in Brain Injury Patient in) Tj ETQq1 1 0.284314 rBT /Overl	2.84314	6
88	Analytical comparison of ELISA and mass spectrometry for quantification of serum hepcidin in critically ill patients. <i>Bioanalysis</i> , 2021, 13, 1029-1035.	1.5	6
89	Severe Sepsis Associated with Lemierre's Syndrome: A Rare but Life-Threatening Disease. <i>Case Reports in Critical Care</i> , 2016, 2016, 1-3.	0.4	5
90	Risk factors for therapeutic failure in the management of post-operative peritonitis: a <i>post hoc</i> analysis of the DURAPOP trial. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 3303-3309.	3.0	5

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91	Low interleukin-10 release after ex vivo stimulation of whole blood is associated with persistent organ dysfunction in sepsis: A prospective observational study. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2019, 38, 485-491.	1.4	4
92	Inhaled amikacin versus placebo to prevent ventilator-associated pneumonia: the AMIKINHAL double-blind multicentre randomised controlled trial protocol. <i>BMJ Open</i> , 2021, 11, e048591.	1.9	4
93	Neurologic Prognosis after Cardiac Arrest. <i>New England Journal of Medicine</i> , 2009, 361, 1999-2000.	27.0	3
94	Transitioning from routine to on-demand test ordering in intensive care units: a prospective, multicentre, interventional study. <i>British Journal of Anaesthesia</i> , 2015, 115, 941-942.	3.4	3
95	Risk factors for ventilator-associated pneumonia due to <i>Staphylococcus aureus</i> in patients with severe brain injury: A multicentre retrospective cohort study. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2021, 40, 100785.	1.4	3
96	Liver dysfunction is associated with long-term mortality in septic shock. <i>Critical Care</i> , 2015, 19, .	5.8	2
97	Role of bioclimate conditions on cerebral aneurysm rupture in the Brittany region of France. <i>Neurochirurgie</i> , 2020, 66, 9-15.	1.2	2
98	Reply to the comment by Al-Khafaji and Cho. <i>Intensive Care Medicine</i> , 2006, 32, 1100-1100.	8.2	1
99	Sepsis may be a new risk factor for invasive aspergillosis in immunocompetent patients [Correspondence]. <i>International Journal of Tuberculosis and Lung Disease</i> , 2012, 16, 1135-1136.	1.2	1
100	Dramatic vascular compression by tension pneumoperitoneum. <i>Intensive Care Medicine</i> , 2016, 42, 1808-1810.	8.2	1
101	Is traumatic intracranial haemorrhage a specific risk factor for atrial fibrillation?. <i>Heart</i> , 2018, 104, 450.1-450.	2.9	1
102	Reply: The Impact of Septic Liver Dysfunction on Long-Term Mortality Must Not Be Neglected. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 1184-1184.	5.6	0
103	Could Tranexamic Acid Bias the Optimal Ratio of Fresh Frozen Plasma to Red Blood Cells During Massive Transfusion?. <i>JAMA Surgery</i> , 2017, 152, 1183.	4.3	0
104	Le sujet Ã©gÃ© en reanimation. <i>AnesthÃ©sie & RÃ©animation</i> , 2019, 5, 510-520.	0.1	0
105	Aspiration of the guidewire of a central venous jugular catheter by the venous cannula of a veno-arterial extracorporeal membrane oxygenation. <i>European Heart Journal - Case Reports</i> , 2019, 3, .	0.6	0