

Benoit Vivien

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

4,797
citations

172386

29
h-index

95218

68
g-index

108
all docs

108
docs citations

108
times ranked

3772
citing authors

#	ARTICLE	IF	CITATIONS
1	Immediate Percutaneous Coronary Intervention Is Associated With Better Survival After Out-of-Hospital Cardiac Arrest. <i>Circulation: Cardiovascular Interventions</i> , 2010, 3, 200-207.	1.4	1,183
2	Etomidate versus ketamine for rapid sequence intubation in acutely ill patients: a multicentre randomised controlled trial. <i>Lancet, The</i> , 2009, 374, 293-300.	6.3	995
3	Family Presence during Cardiopulmonary Resuscitation. <i>New England Journal of Medicine</i> , 2013, 368, 1008-1018.	13.9	320
4	Is Hypothermia After Cardiac Arrest Effective in Both Shockable and Nonshockable Patients?. <i>Circulation</i> , 2011, 123, 877-886.	1.6	260
5	Safety and feasibility of prehospital extra corporeal life support implementation by non-surgeons for out-of-hospital refractory cardiac arrest. <i>Resuscitation</i> , 2013, 84, 1525-1529.	1.3	142
6	Early hypocalcemia in severe trauma*. <i>Critical Care Medicine</i> , 2005, 33, 1946-1952.	0.4	127
7	Detection of brain death onset using the bispectral index in severely comatose patients. <i>Intensive Care Medicine</i> , 2002, 28, 419-425.	3.9	122
8	Offering the opportunity for family to be present during cardiopulmonary resuscitation: 1-year assessment. <i>Intensive Care Medicine</i> , 2014, 40, 981-987.	3.9	119
9	Value of post-resuscitation electrocardiogram in the diagnosis of acute myocardial infarction in out-of-hospital cardiac arrest patients. <i>Resuscitation</i> , 2011, 82, 1148-1153.	1.3	108
10	Constitutive Cardiac Overexpression of Sarcoplasmic/Endoplasmic Reticulum Ca ²⁺ -ATPase Delays Myocardial Failure After Myocardial Infarction in Rats at a Cost of Increased Acute Arrhythmias. <i>Circulation</i> , 2004, 109, 1898-1903.	1.6	89
11	Can early cardiac troponin I measurement help to predict recent coronary occlusion in out-of-hospital cardiac arrest survivors?. <i>Critical Care Medicine</i> , 2012, 40, 1777-1784.	0.4	81
12	Effect of Rocuronium vs Succinylcholine on Endotracheal Intubation Success Rate Among Patients Undergoing Out-of-Hospital Rapid Sequence Intubation. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 2303.	3.8	69
13	Brain death assessment using instant spectral analysis of heart rate variability. <i>Critical Care Medicine</i> , 2002, 30, 306-310.	0.4	65
14	Short- and Long-Term Outcome in Elderly Patients After Out-of-Hospital Cardiac Arrest. <i>Critical Care Medicine</i> , 2014, 42, 2350-2357.	0.4	60
15	Out-of-hospital extra-corporeal life support implantation during refractory cardiac arrest in a half-marathon runner. <i>Resuscitation</i> , 2011, 82, 1239-1242.	1.3	50
16	Role of cardiac troponin in the diagnosis of acute myocardial infarction in comatose patients resuscitated from out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2012, 83, 452-458.	1.3	44
17	Early High-Dose Erythropoietin Therapy After Out-of-Hospital Cardiac Arrest. <i>Journal of the American College of Cardiology</i> , 2016, 68, 40-49.	1.2	43
18	Comparison of intravenous and intraosseous access by pre-hospital medical emergency personnel with and without CBRN protective equipment. <i>Resuscitation</i> , 2010, 81, 65-68.	1.3	42

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19	The optic nerve sheath diameter as a useful tool for early prediction of outcome after cardiac arrest: A prospective pilot study. <i>Resuscitation</i> , 2016, 103, 7-13.	1.3	42
20	Application of tourniquet in civilian trauma: Systematic review of the literature. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2018, 37, 597-606.	0.6	37
21	Pre-hospital blood transfusion – an ESA survey of European practice. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2020, 28, 79.	1.1	37
22	Skin mottling score and capillary refill time to assess mortality of septic shock since pre-hospital setting. <i>American Journal of Emergency Medicine</i> , 2019, 37, 664-671.	0.7	35
23	Favourable 5-year postdischarge survival of comatose patients resuscitated from out-of-hospital cardiac arrest, managed with immediate coronary angiogram on admission. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2014, 3, 183-191.	0.4	32
24	Early detection of brain death using the Bispectral Index (BIS) in patients treated by extracorporeal cardiopulmonary resuscitation (E-CPR) for refractory cardiac arrest. <i>Resuscitation</i> , 2017, 120, 8-13.	1.3	32
25	Diagnosis performance of high sensitivity troponin assay in out-of-hospital cardiac arrest patients. <i>International Journal of Cardiology</i> , 2013, 169, 449-454.	0.8	31
26	Hypothermic Liquid Ventilation Prevents Early Hemodynamic Dysfunction and Cardiovascular Mortality After Coronary Artery Occlusion Complicated by Cardiac Arrest in Rabbits. <i>Critical Care Medicine</i> , 2013, 41, e457-e465.	0.4	31
27	Hypothermic Total Liquid Ventilation Is Highly Protective Through Cerebral Hemodynamic Preservation and Sepsis-Like Mitigation After Asphyxial Cardiac Arrest*. <i>Critical Care Medicine</i> , 2015, 43, e420-e430.	0.4	31
28	Successful treatment of refractory cardiac arrest by emergency physicians using pre-hospital ECLS. <i>Resuscitation</i> , 2012, 83, e177-e178.	1.3	30
29	Lactate POCT in mobile intensive care units for septic patients? A comparison of capillary blood method versus venous blood and plasma-based reference methods. <i>Clinical Biochemistry</i> , 2018, 55, 9-14.	0.8	30
30	Early management of severe pelvic injury (first 24 hours). <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2019, 38, 199-207.	0.6	30
31	Family Presence During Cardiopulmonary Resuscitation. <i>Survey of Anesthesiology</i> , 2014, 58, 277-278.	0.1	28
32	Extracorporeal Life Support in a Case of Fatal Flecainide and Betaxolol Poisoning Allowing Successful Cardiac Allograft. <i>Annals of Emergency Medicine</i> , 2010, 56, 409-412.	0.3	27
33	Prehospital use of minimally invasive direct cardiac massage (MID-CM): a pilot study. <i>Resuscitation</i> , 2001, 50, 257-262.	1.3	22
34	Prehospital shock index to assess 28-day mortality for septic shock. <i>American Journal of Emergency Medicine</i> , 2020, 38, 1352-1356.	0.7	20
35	Increase in Bispectral Index (BIS) While Correcting a Severe Hypoglycemia. <i>Anesthesia and Analgesia</i> , 2002, 95, 1824-1825.	1.1	19
36	Effect of early use of noradrenaline on in-hospital mortality in haemorrhagic shock after major trauma: a propensity-score analysis. <i>British Journal of Anaesthesia</i> , 2018, 120, 1237-1244.	1.5	19

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37	Fluid resuscitation in pre-hospital management of septic shock. American Journal of Emergency Medicine, 2018, 36, 1754-1758.	0.7	18
38	Prediction of Brain Death After Out-of-Hospital Cardiac Arrest. Chest, 2021, 160, 139-147.	0.4	18
39	A new approach for early onset cardiogenic shock in acute colchicine overdose: place of early extracorporeal life support (ECLS)?. Intensive Care Medicine, 2013, 39, 1163-1163.	3.9	15
40	Total liquid ventilation offers ultra-fast and whole-body cooling in large animals in physiological conditions and during cardiac arrest. Resuscitation, 2015, 93, 69-73.	1.3	15
41	Impact of Prehospital Antibiotic Therapy on Septic Shock Mortality. Prehospital Emergency Care, 2021, 25, 317-324.	1.0	14
42	The motor component does not convey all the mortality prediction capacity of the Glasgow Coma Scale in trauma patients. American Journal of Emergency Medicine, 2012, 30, 1032-1041.	0.7	13
43	Can mortality due to circulatory failure in comatose out-of-hospital cardiac arrest patients be predicted on admission? A study in a retrospective derivation cohort validated in a prospective cohort. Journal of Critical Care, 2016, 32, 56-62.	1.0	13
44	Prehospital lactate clearance is associated with reduced mortality in patients with septic shock. American Journal of Emergency Medicine, 2020, 46, 367-373.	0.7	12
45	Minimum Alveolar Anesthetic Concentration of Volatile Anesthetics in Normal and Cardiomyopathic Hamsters. Anesthesia and Analgesia, 1999, 88, 489-493.	1.1	11
46	Resting Heart Rate in First Year Survivors of Myocardial Infarction and Long-term Mortality. Mayo Clinic Proceedings, 2014, 89, 1655-1663.	1.4	11
47	Prehospital hemodynamic optimisation is associated with a 30-day mortality decrease in patients with septic shock. American Journal of Emergency Medicine, 2021, 45, 105-111.	0.7	10
48	Clevidipine Blockade of L-Type Ca ²⁺ Currents: Steady-State and Kinetic Electrophysiological Studies in Guinea Pig Ventricular Myocytes. Journal of Cardiovascular Pharmacology, 2000, 36, 592-600.	0.8	10
49	The Paradoxical Positive Inotropic Effect of Sevoflurane in Healthy and Cardiomyopathic Hamsters. Anesthesia and Analgesia, 2002, 95, 31-38.	1.1	9
50	Predictors of external cooling failure after cardiac arrest. Intensive Care Medicine, 2013, 39, 620-628.	3.9	9
51	Early blood transcriptomic signature predicts patients' outcome after out-of-hospital cardiac arrest. Resuscitation, 2019, 138, 222-232.	1.3	9
52	An Unexpected Intracranial Blade. Prehospital Emergency Care, 2013, 17, 95-97.	1.0	8
53	Prehospital norepinephrine administration reduces 30-day mortality among septic shock patients. BMC Infectious Diseases, 2022, 22, 345.	1.3	8
54	Is lidocaine-prilocaine cream (EMLA®) always useful for venous puncture in preoperative autologous blood donation ?. Canadian Journal of Anaesthesia, 1996, 43, 232-237.	0.7	7

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55	Prognosis value of partial arterial oxygen pressure in patients with septic shock subjected to pre-hospital invasive ventilation. <i>American Journal of Emergency Medicine</i> , 2019, 37, 56-60.	0.7	7
56	Pre-Hospital Lactatemia Predicts 30-Day Mortality in Patients with Septic Shock—Preliminary Results from the LAPHUS Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3290.	1.0	7
57	Comparative Effect of Hypothermia and Adrenaline During Cardiopulmonary Resuscitation in Rabbits. <i>Shock</i> , 2014, 41, 154-158.	1.0	6
58	Entropy and bispectral index in brain-dead organ donors. <i>Intensive Care Medicine</i> , 2007, 33, 919-920.	3.9	5
59	A new approach for treatment of refractory ventricular fibrillation allowed by extra corporeal life support (ECLS)? <i>Resuscitation</i> , 2014, 85, e118.	1.3	5
60	Management of non-traumatic chest pain by the French Emergency Medical System: Insights from the DOLORES registry. <i>Archives of Cardiovascular Diseases</i> , 2015, 108, 181-188.	0.7	5
61	Transient neurological deficit due to a misplacement of central venous catheter despite ultrasound guidance and ultrasound assistance. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2015, 34, 301-302.	0.6	5
62	Could the Outcome of Septic Patients Be Improved by a Prehospital Emergency Medical Service With Physician on Scene?. <i>Critical Care Medicine</i> , 2017, 45, e1297.	0.4	5
63	Effects of early high-dose erythropoietin on acute kidney injury following cardiac arrest: exploratory post hoc analyses from an open-label randomized trial. <i>CKJ: Clinical Kidney Journal</i> , 2019, 13, 413-420.	1.4	5
64	Prehospital Plasma Transfusion and Survival in Trauma Patients With Hemorrhagic Shock. <i>JAMA Surgery</i> , 2020, 155, 784.	2.2	5
65	Damage control appliqué à la pédiatrie. <i>Anesthésie & Réanimation</i> , 2016, 2, 247-253.	0.1	4
66	Pre-hospital mechanical ventilation in septic shock patients. <i>American Journal of Emergency Medicine</i> , 2019, 37, 1860-1863.	0.7	4
67	Contribution of the Pre-Hospital Blood Lactate Level in the Pre-Hospital Orientation of Septic Shock: The LAPHUS Study. <i>Turkish Journal of Anaesthesiology and Reanimation</i> , 2020, 48, 58-61.	0.2	4
68	Beware of using tranexamic acid in parturients with eclampsia. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2016, 35, 231-232.	0.6	3
69	Prehospital Severe Trauma Management in Tactical Medicine. <i>JAMA Surgery</i> , 2020, 155, 451.	2.2	3
70	Number of Prehospital Defibrillation Shocks and the Return of Spontaneous Circulation in Out-of-Hospital Cardiac Arrest. <i>Turkish Journal of Anaesthesiology and Reanimation</i> , 2018, 45, 340-345.	0.8	3
71	Prognostic Value of Blood Lactate and Base Deficit in Refractory Cardiac Arrest Cases Undergoing Extracorporeal Life Support. <i>Turkish Journal of Anaesthesiology and Reanimation</i> , 2019, 47, 407-413.	0.2	3
72	Association between prehospital shock index variation and 28-day mortality among patients with septic shock. <i>BMC Emergency Medicine</i> , 2022, 22, 87.	0.7	3

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73	Organisation de la fili�re de soins du terrain � l�h�pital (Plan Blanc). Bulletin De L'Academie Nationale De Medecine, 2016, 200, 729-746.	0.0	2
74	Antiarrhythmic drugs in out-of-hospital cardiac arrest: is there a place for potassium chloride?. Critical Care, 2017, 21, 144.	2.5	2
75	Contribution of Capillary Refilling Time and Skin Mottling Score to Predict ICU Admission of Patients with Septic or haemorrhagic Shock Admitted to the Emergency Department: A TRCMARBSAU Study. Turkish Journal of Anaesthesiology and Reanimation, 2019, 47, 492-495.	0.2	2
76	Effect of Mean Blood Pressure During Extracorporeal Life Support on Outcome After Out-of-Hospital Cardiac Arrest. Turkish Journal of Anaesthesiology and Reanimation, 2019, 47, 134-141.	0.2	2
77	Monitoring non invasif de l�h�moglobine par voie cutan�e. Praticien En Anesthesie Reanimation, 2010, 14, 184-187.	0.0	1
78	Spontaneous Coronary Artery Dissection in a Woman with a Past Medical History of Subarachnoid Hemorrhage: A Case Report. Prehospital Emergency Care, 2017, 21, 782-785.	1.0	1
79	Prehospital Shock Precautions on Triage (PSPoT) score to assess in-hospital mortality for septic shock. American Journal of Emergency Medicine, 2021, 44, 230-234.	0.7	1
80	The prehospital SIGARC score to assess septic shock in-hospital, 30-day and 90-day mortality. American Journal of Emergency Medicine, 2021, 46, 355-360.	0.7	1
81	Bundle of Care in Pre-Hospital Settings for Septic Shock?. Turkish Journal of Anaesthesiology and Reanimation, 2018, 46, 406-407.	0.9	1
82	Prognostic Value of Blood Lactate and Lactate Clearance in Refractory Cardiac Arrest Treated by Extracorporeal Life Support. Turkish Journal of Anaesthesiology and Reanimation, 2019, 47, 48-54.	0.8	1
83	10.5152/TJAR.2019.54289. Turkish Journal of Anaesthesiology and Reanimation, 2020, 48, 467-472.	0.2	1
84	Adverse drugs reactions (ADR) suspected through phone triage and assessed by medically staffed ambulances: A pilot study. American Journal of Emergency Medicine, 2022, 54, 172-177.	0.7	1
85	Is Overestimation of Bispectral Index in Sedated Intensive Care Unit Patients Only Related to Electromyographic Activity?: In Reply. Anesthesiology, 2004, 100, 746-747.	1.3	0
86	Reply to M�garbane: is early implementation of extracorporeal life support in severely colchicine-poisoned patients lifesaving? Definitive evidence is still lacking. Intensive Care Medicine, 2013, 39, 2065-2065.	3.9	0
87	Reply to Pang et al.: �Early detection of brain death using the Bispectral Index (BIS) in patients treated by extracorporeal cardiopulmonary resuscitation (E-CPR) for refractory cardiac arrest�. Resuscitation, 2017, 121, e9.	1.3	0
88	Reply to Karim et al.: �Pre-hospital invasive ventilation in patients with septic shock: Is hyperoxemia an unwanted company?�. American Journal of Emergency Medicine, 2019, 37, 532-533.	0.7	0
89	Reply to Zhou et al.: �fluid resuscitation in pre-hospital patients with septic shock: one size does not fit all�. American Journal of Emergency Medicine, 2019, 37, 169-171.	0.7	0
90	Efficacy of the presence of an emergency physician in prehospital major trauma care: Randomised control trial results are needed!. American Journal of Emergency Medicine, 2020, 38, 1277-1278.	0.7	0

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91	The authors Reply: Mortality Benefit Shock Index in Prehospital Level Care. American Journal of Emergency Medicine, 2020, 38, 2236-2237.	0.7	0
92	Bolus potassium in frustrated ventricular fibrillation storm: Evidence are growing!. Journal of Cardiac Surgery, 2020, 35, 2116-2116.	0.3	0
93	Sepsis alerts called in the field vs the ED: impact of severity and in-hospital confounders. American Journal of Emergency Medicine, 2020, 38, 1940.	0.7	0
94	Efficacy of bolus-dose epinephrine to manage hypotension in the prehospital setting: Is systolic blood pressure the optimal target?. American Journal of Emergency Medicine, 2021, 48, 328-329.	0.7	0
95	Impact of Prehospital Mobile Intensive Care Unit Intervention on Mortality of Patients with Sepsis. Turkish Journal of Anaesthesiology and Reanimation, 2019, 47, 334-341.	0.2	0
96	Association between Blood Pressure after Haemodynamic Resuscitation in the Prehospital Setting and 28-Day Mortality in Septic Shock. Turkish Journal of Anaesthesiology and Reanimation, 2020, 48, 229-234.	0.2	0
97	Pupil Reactivity in Refractory Out-ofHospital Cardiac Arrest Treated by ExtraCorporeal Cardiopulmonary Resuscitation. Turkish Journal of Anaesthesiology and Reanimation, 2020, 48, 294-299.	0.2	0
98	Interchangeability between Respiratory Variations of Subclavian Vein and Pulse Pressure Variation in Ventilated Patients in the Operating Room. Turkish Journal of Anaesthesiology and Reanimation, 2020, 48, 467-472.	0.2	0
99	Adequacy of probabilistic prehospital antibiotic therapy for septic shock. American Journal of Emergency Medicine, 2022, 53, 80-85.	0.7	0