Benjamin S Abella

List of Publications by Citations

86 papers	1,917 citations	22 h-index	41 g-index
105 ext. papers	2,688 ext. citations	5.2 avg, IF	4.97 L-index

#	Paper	IF	Citations
86	CPR quality improvement during in-hospital cardiac arrest using a real-time audiovisual feedback system. *Resuscitation*, **2007**, 73, 54-61	4	294
85	COVID-19 and cardiac arrhythmias. *Heart Rhythm*, **2020**, 17, 1439-1444	6.7	191
84	Efficacy and Safety of Hydroxychloroquine vs Placebo for Pre-exposure SARS-CoV-2 Prophylaxis Among Health Care Workers: A Randomized Clinical Trial. *JAMA Internal Medicine*, **2021**, 181, 195-202	11.5	102
83	Quantitative relationship between end-tidal carbon dioxide and CPR quality during both in-hospital and out-of-hospital cardiac arrest. *Resuscitation*, **2015**, 89, 149-54	4	97
82	Association Between Early Hyperoxia Exposure After Resuscitation From Cardiac Arrest and Neurological Disability: Prospective Multicenter Protocol-Directed Cohort Study. *Circulation*, **2018**, 137, 2114-2124	16.7	95
81	Pyrexia and neurologic outcomes after therapeutic hypothermia for cardiac arrest. *Resuscitation*, **2013**, 84, 1056-61	4	88
80	Mortality outcomes with hydroxychloroquine and chloroquine in COVID-19 from an international collaborative meta-analysis of randomized trials. *Nature Communications*, **2021**, 12, 2349	17.4	83
79	The Utility of Therapeutic Hypothermia for Post-Cardiac Arrest Syndrome Patients With an Initial Nonshockable Rhythm. *Circulation*, **2015**, 132, 2146-51	16.7	52
78	Cardiopulmonary Resuscitation Training Disparities in the United States. *Journal of the American Heart Association*, **2017**, 6,	6	49
77	Shorter time to target temperature is associated with poor neurologic outcome in post-arrest patients treated with targeted temperature management. *Resuscitation*, **2015**, 88, 114-9	4	45
76	Evaluation of out-of-hospital cardiac arrest using transesophageal echocardiography in the emergency department. *Resuscitation*, **2019**, 137, 140-147	4	43
75	Effect of Low-Dose Supplementation of Arginine Vasopressin on Need for Blood Product Transfusions in Patients With Trauma and Hemorrhagic Shock: A Randomized Clinical Trial. *JAMA Surgery*, **2019**, 154, 994-1003	5.4	37
74	Association Between Elevated Mean Arterial Blood Pressure and Neurologic Outcome After Resuscitation From Cardiac Arrest: Results From a Multicenter Prospective Cohort Study. *Critical Care Medicine*, **2019**, 47, 93-100	1.4	35
73	Feasibility of an augmented reality cardiopulmonary resuscitation training system for health care providers. *Heliyon*, **2019**, 5, e02205	3.6	30
72	Inter-rater reliability of post-arrest cerebral performance category (CPC) scores. *Resuscitation*, **2016**, 109, 21-24	4	29
71	Development and Testing of Shared Decision Making Interventions for Use in Emergency Care: A Research Agenda. *Academic Emergency Medicine*, **2016**, 23, 1346-1353	3.4	27
70	Video-Only Cardiopulmonary Resuscitation Education for High-Risk Families Before Hospital Discharge: A Multicenter Pragmatic Trial. *Circulation: Cardiovascular Quality and Outcomes*, **2016**, 9, 740-748	5.8	26

69	Detection of SARS-CoV-2 RNA using RT-LAMP and molecular beacons. *Genome Biology*, **2021**, 22, 169	18.3	26
68	Partial pressure of arterial carbon dioxide after resuscitation from cardiac arrest and neurological outcome: A prospective multi-center protocol-directed cohort study. *Resuscitation*, **2019**, 135, 212-220	4	26
67	Comparing bystander response to a sudden cardiac arrest using a virtual reality CPR training mobile app versus a standard CPR training mobile app. *Resuscitation*, **2019**, 139, 167-173	4	25
66	Public knowledge of automatic external defibrillators in a large U.S. urban community. *Resuscitation*, **2015**, 92, 101-6	4	23
65	Cardiopulmonary resuscitation for in-hospital events in the emergency department: A comparison of adult and pediatric outcomes and care processes. *Resuscitation*, **2015**, 92, 94-100	4	22
64	The association of body mass index with time to target temperature and outcomes following post-arrest targeted temperature management. *Resuscitation*, **2014**, 85, 244-7	4	22
63	Association of Mechanical Cardiopulmonary Resuscitation Device Use With Cardiac Arrest Outcomes: A Population-Based Study Using the CARES Registry (Cardiac Arrest Registry to Enhance Survival). *Circulation*, **2016**, 134, 2131-2133	16.7	22
62	Factors associated with post-arrest withdrawal of life-sustaining therapy. *Resuscitation*, **2017**, 110, 114-119	4	20
61	High-quality cardiopulmonary resuscitation: current and future directions. *Current Opinion in Critical Care*, **2016**, 22, 218-24	3.5	19
60	Incidence of coronary intervention in cardiac arrest survivors with non-shockable initial rhythms and no evidence of ST-elevation MI (STEMI). *Resuscitation*, **2017**, 113, 83-86	4	18
59	Validation of an ICD code for accurately identifying emergency department patients who suffer an out-of-hospital cardiac arrest. *Resuscitation*, **2018**, 125, 8-11	4	17
58	The importance of cardiopulmonary resuscitation quality. *Current Opinion in Critical Care*, **2013**, 19, 175-80	3.5	17
57	Magnitude of temperature elevation is associated with neurologic and survival outcomes in resuscitated cardiac arrest patients with postrewarming pyrexia. *Journal of Critical Care*, **2017**, 38, 78-83	4	15
56	In-hospital cardiac arrest in patients with coronavirus 2019. *Resuscitation*, **2021**, 160, 72-78	4	15
55	Impact of adrenaline dose and timing on out-of-hospital cardiac arrest survival and neurological outcomes. *Resuscitation*, **2019**, 139, 182-188	4	14
54	Optimal loop duration during the provision of in-hospital advanced life support (ALS) to patients with an initial non-shockable rhythm. *Resuscitation*, **2014**, 85, 75-81	4	13
53	Variability in survival and post-cardiac arrest care following successful resuscitation from out-of-hospital cardiac arrest. *Resuscitation*, **2019**, 137, 78-86	4	13
52	Outcomes of patients resuscitated from cardiac arrest in the setting of drug overdose. *Resuscitation*, **2015**, 94, 23-7	4	12

51	Association of race and socioeconomic status with automatic external defibrillator training prevalence in the United States. *Resuscitation*, **2018**, 127, 100-104	4	12
50	Factors associated with re-arrest following initial resuscitation from cardiac arrest. *Resuscitation*, **2017**, 111, 90-95	4	11
49	The association of layperson characteristics with the quality of simulated cardiopulmonary resuscitation performance. *World Journal of Emergency Medicine*, **2017**, 8, 12-18	1.9	10
48	CPR and postarrest care: overview, documentation, and databases. *Chest*, **2012**, 141, 1082-1089	5.3	10
47	Excellent neurologic recovery after prolonged coma in a cardiac arrest patient with multiple poor prognostic indicators. *Resuscitation*, **2017**, 113, e11-e12	4	9
46	Dissemination of CPR video self-instruction materials to secondary trainees: Results from a hospital-based CPR education trial. *Resuscitation*, **2016**, 100, 45-50	4	9
45	Variation in Bystander Cardiopulmonary Resuscitation Delivery and Subsequent Survival From Out-of-Hospital Cardiac Arrest Based on Neighborhood-Level Ethnic Characteristics. *Circulation*, **2020**, 141, 34-41	16.7	9
44	A conceptual framework for Emergency department design in a pandemic. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, **2020**, 28, 118	3.6	9
43	Hands-Only Cardiopulmonary Resuscitation Education: A Comparison of On-Screen With Compression Feedback, Classroom, and Video Education. *Annals of Emergency Medicine*, **2019**, 73, 599-609	2.1	9
42	Time to intra-arrest therapeutic hypothermia in out-of-hospital cardiac arrest patients and its association with neurologic outcome: a propensity matched sub-analysis of the PRINCESS trial. *Intensive Care Medicine*, **2020**, 46, 1361-1370	14.5	8
41	Access to care for patients with time-sensitive conditions in Pennsylvania. *Annals of Emergency Medicine*, **2014**, 63, 572-9	2.1	8
40	Variability in Postarrest Targeted Temperature Management Practice: Implications of the 2015 Guidelines. *Therapeutic Hypothermia and Temperature Management*, **2015**, 5, 184-7	1.3	8
39	Socioeconomic disparities in layperson CPR training within a large U.S. city. *Resuscitation*, **2019**, 141, 13-18	4	7
38	Association of state-level CPR training initiatives with layperson CPR knowledge in the United States. *Resuscitation*, **2019**, 140, 9-15	4	7
37	Sex Differences in "Do Not Attempt Resuscitation" Orders After Out-of-Hospital Cardiac Arrest and the Relationship to Critical Hospital Interventions. *Clinical Therapeutics*, **2019**, 41, 1029-1037	3.5	7
36	Difficulty of cardiac arrest rhythm identification does not correlate with length of chest compression pause before defibrillation. *Critical Care Medicine*, **2006**, 34, S427-31	1.4	7
35	Characterizing barriers to CPR training attainment using Twitter. *Resuscitation*, **2018**, 127, 164-167	4	6
34	Initial clinical predictors of significant coronary lesions after resuscitation from cardiac arrest. *Therapeutic Hypothermia and Temperature Management*, **2012**, 2, 73-7	1.3	6

33	Impact of the 2010 resuscitation guidelines training on layperson chest compressions. *World Journal of Emergency Medicine*, **2015**, 6, 270-6	1.9	6
32	Severe Impairment of Microcirculatory Perfused Vessel Density Is Associated With Postoperative Lactate and Acute Organ Injury After Cardiac Surgery. *Journal of Cardiothoracic and Vascular Anesthesia*, **2021**, 35, 106-115	2.1	6
31	A Pilot Study of CPR Quality Comparing an Augmented Reality Application vs. a Standard Audio-Visual Feedback Manikin. *Frontiers in Digital Health*, **2020**, 2, 1	2.3	5
30	Intravenous Cetirizine Versus Intravenous Diphenhydramine for the Treatment of Acute Urticaria: A Phase III Randomized Controlled Noninferiority Trial. *Annals of Emergency Medicine*, **2020**, 76, 489-500	2.1	4
29	Variability of extracorporeal cardiopulmonary resuscitation utilization for refractory adult out-of-hospital cardiac arrest: an international survey study. *Clinical and Experimental Emergency Medicine*, **2018**, 5, 100-106	1.7	4
28	Adult out-of-hospital cardiac arrest in philadelphia from 2008-2012: An epidemiological study. *Resuscitation*, **2017**, 115, 17-22	4	3
27	Cardiac arrest risk standardization using administrative data compared to registry data. *PLoS ONE*, **2017**, 12, e0182864	3.7	3
26	When to Stop CPR and When to Perform Rhythm Analysis: Potential Confusion Among ACLS Providers. *Journal of Intensive Care Medicine*, **2016**, 31, 537-43	3.3	3
25	Lack of improved outcomes with increased use of targeted temperature management following out-of-hospital cardiac arrest: a multicenter retrospective cohort study. *Resuscitation*, **2014**, 85, 1549-56	4	3
24	Medical Students in the Emergency Department and Patient Length of Stay. *JAMA - Journal of the American Medical Association*, **2015**, 314, 2411-3	27.4	3
23	Pro: The case for using therapeutic hypothermia after in-hospital cardiac arrest. *Journal of Cardiothoracic and Vascular Anesthesia*, **2011**, 25, 362-4	2.1	3
22	Low Microcirculatory Perfused Vessel Density and High Heterogeneity are Associated With Increased Intensity and Duration of Lactic Acidosis After Cardiac Surgery with Cardiopulmonary Bypass. *Shock*, **2021**, 56, 245-254	3.4	3
21	Cerebrovascular pressure reactivity and intracranial pressure are associated with neurologic outcome after hypoxic-ischemic brain injury. *Resuscitation*, **2021**, 164, 114-121	4	3
20	Impact of therapeutic hypothermia during cardiopulmonary resuscitation on neurologic outcome: A systematic review and meta-analysis. *Resuscitation*, **2021**, 162, 365-371	4	3
19	Frequency of Withdrawal of Life-Sustaining Therapy for Perceived Poor Neurologic Prognosis **2021**, 3, e0487		3
18	COVID-19 vaccine hesitancy among patients in two urban emergency departments. *Academic Emergency Medicine*, **2021**, 28, 1100-1107	3.4	3
17	Recruitment for a hospital-based pragmatic clinical trial using volunteer nurses and students. *Clinical Trials*, **2016**, 13, 425-33	2.2	2
16	Not all cardiac arrests are the same. *Cmaj*, **2011**, 183, 1572-3	3.5	2

15	Quantitative characterization of left ventricular function during pulseless electrical activity using echocardiography during out-of-hospital cardiac arrest. *Resuscitation*, **2021**, 167, 233-241	4	2
14	Delays in antibiotic redosing: Association with inpatient mortality and risk factors for delay. *American Journal of Emergency Medicine*, **2021**, 46, 63-69	2.9	2
13	Detection of SARS-CoV-2 with RAPID: a prospective cohort study.. *IScience*, **2022**, 104055	6.1	2
12	Earlier time to tracheal intubation does not improve return of spontaneous circulation during in-hospital cardiac arrest. *Resuscitation*, **2019**, 140, 29-30	4	1
11	Meta-analyses of targeted temperature management in adult cardiac arrest studies - The big picture is dependent on study selection. *Resuscitation*, **2021**,	4	1
10	Evolving Strategies in Cardiac Arrest Management. *Cardiology Clinics*, **2018**, 36, 73-84	2.5	1
9	Practical considerations for postarrest targeted temperature management. *Turkish Journal of Emergency Medicine*, **2020**, 20, 157-162	1.1	0
8	A Multicenter Evaluation of Survival After In-Hospital Cardiac Arrest in Coronavirus Disease 2019 Patients **2021**, 3, e0425		0
7	Epinephrine plus chest compressions is superior to epinephrine alone in a hypoxia-induced porcine model of pseudo-pulseless electrical activity. *Resuscitation Plus*, **2021**, 6, 100110	1.4	0
6	Woman With Abdominal Pain. *Annals of Emergency Medicine*, **2019**, 74, 632-646	2.1	
5	Reply to: Accurate neuroprognostication in cardiac arrest survivors: Details matter!. *Resuscitation*, **2017**, 115, e5-e6	4	
4	ST-Elevation Myocardial Infarction Track. *Therapeutic Hypothermia and Temperature Management*, **2021**, 11, 65-70	1.3	
3	Studies Utilizing Therapeutic Hypothermia and Targeted Temperature Management. *Therapeutic Hypothermia and Temperature Management*, **2021**, 11, 71-75	1.3	
2	Presence of Medical Students and Length of Stay in the Emergency Department--Reply. *JAMA - Journal of the American Medical Association*, **2016**, 315, 2019-20	27.4	
1	Post resuscitation myocardial dysfunction and echocardiographic characteristics following COVID-19 cardiac arrest.. *Resuscitation*, **2022**,	4	