

Benjamin S Abella

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Detection of SARS-CoV-2 with RAPID: a prospective cohort study.. <i>IScience</i> , 2022 , 104055	6.1	2
85	Post resuscitation myocardial dysfunction and echocardiographic characteristics following COVID-19 cardiac arrest.. <i>Resuscitation</i> , 2022 ,	4	
84	Meta-analyses of targeted temperature management in adult cardiac arrest studies - The big picture is dependent on study selection. <i>Resuscitation</i> , 2021 ,	4	1
83	Low Microcirculatory Perfused Vessel Density and High Heterogeneity are Associated With Increased Intensity and Duration of Lactic Acidosis After Cardiac Surgery with Cardiopulmonary Bypass. <i>Shock</i> , 2021 , 56, 245-254	3.4	3
82	In-hospital cardiac arrest in patients with coronavirus 2019. <i>Resuscitation</i> , 2021 , 160, 72-78	4	15
81	Mortality outcomes with hydroxychloroquine and chloroquine in COVID-19 from an international collaborative meta-analysis of randomized trials. <i>Nature Communications</i> , 2021 , 12, 2349	17.4	83
80	Cerebrovascular pressure reactivity and intracranial pressure are associated with neurologic outcome after hypoxic-ischemic brain injury. <i>Resuscitation</i> , 2021 , 164, 114-121	4	3
79	A Multicenter Evaluation of Survival After In-Hospital Cardiac Arrest in Coronavirus Disease 2019 Patients 2021 , 3, e0425		0
78	Impact of therapeutic hypothermia during cardiopulmonary resuscitation on neurologic outcome: A systematic review and meta-analysis. <i>Resuscitation</i> , 2021 , 162, 365-371	4	3
77	Epinephrine plus chest compressions is superior to epinephrine alone in a hypoxia-induced porcine model of pseudo-pulseless electrical activity. <i>Resuscitation Plus</i> , 2021 , 6, 100110	1.4	0
76	Detection of SARS-CoV-2 RNA using RT-LAMP and molecular beacons. <i>Genome Biology</i> , 2021 , 22, 169	18.3	26
75	ST-Elevation Myocardial Infarction Track. <i>Therapeutic Hypothermia and Temperature Management</i> , 2021 , 11, 65-70	1.3	
74	Quantitative characterization of left ventricular function during pulseless electrical activity using echocardiography during out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2021 , 167, 233-241	4	2
73	Studies Utilizing Therapeutic Hypothermia and Targeted Temperature Management. <i>Therapeutic Hypothermia and Temperature Management</i> , 2021 , 11, 71-75	1.3	
72	Frequency of Withdrawal of Life-Sustaining Therapy for Perceived Poor Neurologic Prognosis 2021 , 3, e0487		3
71	Severe Impairment of Microcirculatory Perfused Vessel Density Is Associated With Postoperative Lactate and Acute Organ Injury After Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 106-115	2.1	6
70	Efficacy and Safety of Hydroxychloroquine vs Placebo for Pre-exposure SARS-CoV-2 Prophylaxis Among Health Care Workers: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , 2021 , 181, 195-202	11.5	102

69	Delays in antibiotic redosing: Association with inpatient mortality and risk factors for delay. <i>American Journal of Emergency Medicine</i> , 2021 , 46, 63-69	2.9	2
68	COVID-19 vaccine hesitancy among patients in two urban emergency departments. <i>Academic Emergency Medicine</i> , 2021 , 28, 1100-1107	3.4	3
67	COVID-19 and cardiac arrhythmias. <i>Heart Rhythm</i> , 2020 , 17, 1439-1444	6.7	191
66	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. <i>Intensive Care Medicine</i> , 2020 , 46, 1361-1370	14.5	8
65	Intravenous Cetirizine Versus Intravenous Diphenhydramine for the Treatment of Acute Urticaria: A Phase III Randomized Controlled Noninferiority Trial. <i>Annals of Emergency Medicine</i> , 2020 , 76, 489-500	2.1	4
64	A Pilot Study of CPR Quality Comparing an Augmented Reality Application vs. a Standard Audio-Visual Feedback Manikin. <i>Frontiers in Digital Health</i> , 2020 , 2, 1	2.3	5
63	Practical considerations for postarrest targeted temperature management. <i>Turkish Journal of Emergency Medicine</i> , 2020 , 20, 157-162	1.1	0
62	Variation in Bystander Cardiopulmonary Resuscitation Delivery and Subsequent Survival From Out-of-Hospital Cardiac Arrest Based on Neighborhood-Level Ethnic Characteristics. <i>Circulation</i> , 2020 , 141, 34-41	16.7	9
61	A conceptual framework for Emergency department design in a pandemic. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2020 , 28, 118	3.6	9
60	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. <i>JAMA Surgery</i> , 2019 , 154, 994-1003	5.4	37
59	Socioeconomic disparities in layperson CPR training within a large U.S. city. <i>Resuscitation</i> , 2019 , 141, 13-18	4	7
58	Association of state-level CPR training initiatives with layperson CPR knowledge in the United States. <i>Resuscitation</i> , 2019 , 140, 9-15	4	7
57	Sex Differences in "Do Not Attempt Resuscitation" Orders After Out-of-Hospital Cardiac Arrest and the Relationship to Critical Hospital Interventions. <i>Clinical Therapeutics</i> , 2019 , 41, 1029-1037	3.5	7
56	Earlier time to tracheal intubation does not improve return of spontaneous circulation during in-hospital cardiac arrest. <i>Resuscitation</i> , 2019 , 140, 29-30	4	1
55	Comparing bystander response to a sudden cardiac arrest using a virtual reality CPR training mobile app versus a standard CPR training mobile app. <i>Resuscitation</i> , 2019 , 139, 167-173	4	25
54	Association Between Elevated Mean Arterial Blood Pressure and Neurologic Outcome After Resuscitation From Cardiac Arrest: Results From a Multicenter Prospective Cohort Study. <i>Critical Care Medicine</i> , 2019 , 47, 93-100	1.4	35
53	Impact of adrenaline dose and timing on out-of-hospital cardiac arrest survival and neurological outcomes. <i>Resuscitation</i> , 2019 , 139, 182-188	4	14
52	Evaluation of out-of-hospital cardiac arrest using transesophageal echocardiography in the emergency department. <i>Resuscitation</i> , 2019 , 137, 140-147	4	43

51	Feasibility of an augmented reality cardiopulmonary resuscitation training system for health care providers. <i>Heliyon</i> , 2019 , 5, e02205	3.6	30
50	Woman With Abdominal Pain. <i>Annals of Emergency Medicine</i> , 2019 , 74, 632-646	2.1	
49	Variability in survival and post-cardiac arrest care following successful resuscitation from out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2019 , 137, 78-86	4	13
48	Hands-Only Cardiopulmonary Resuscitation Education: A Comparison of On-Screen With Compression Feedback, Classroom, and Video Education. <i>Annals of Emergency Medicine</i> , 2019 , 73, 599-609 ¹	3.1	9
47	Partial pressure of arterial carbon dioxide after resuscitation from cardiac arrest and neurological outcome: A prospective multi-center protocol-directed cohort study. <i>Resuscitation</i> , 2019 , 135, 212-220	4	26
46	Association of race and socioeconomic status with automatic external defibrillator training prevalence in the United States. <i>Resuscitation</i> , 2018 , 127, 100-104	4	12
45	Validation of an ICD code for accurately identifying emergency department patients who suffer an out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2018 , 125, 8-11	4	17
44	Association Between Early Hyperoxia Exposure After Resuscitation From Cardiac Arrest and Neurological Disability: Prospective Multicenter Protocol-Directed Cohort Study. <i>Circulation</i> , 2018 , 137, 2114-2124	16.7	95
43	Characterizing barriers to CPR training attainment using Twitter. <i>Resuscitation</i> , 2018 , 127, 164-167	4	6
42	Variability of extracorporeal cardiopulmonary resuscitation utilization for refractory adult out-of-hospital cardiac arrest: an international survey study. <i>Clinical and Experimental Emergency Medicine</i> , 2018 , 5, 100-106	1.7	4
41	Evolving Strategies in Cardiac Arrest Management. <i>Cardiology Clinics</i> , 2018 , 36, 73-84	2.5	1
40	Factors associated with post-arrest withdrawal of life-sustaining therapy. <i>Resuscitation</i> , 2017 , 110, 114-119	14.9	20
39	Excellent neurologic recovery after prolonged coma in a cardiac arrest patient with multiple poor prognostic indicators. <i>Resuscitation</i> , 2017 , 113, e11-e12	4	9
38	Cardiopulmonary Resuscitation Training Disparities in the United States. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	49
37	Adult out-of-hospital cardiac arrest in Philadelphia from 2008-2012: An epidemiological study. <i>Resuscitation</i> , 2017 , 115, 17-22	4	3
36	Factors associated with re-arrest following initial resuscitation from cardiac arrest. <i>Resuscitation</i> , 2017 , 111, 90-95	4	11
35	Incidence of coronary intervention in cardiac arrest survivors with non-shockable initial rhythms and no evidence of ST-elevation MI (STEMI). <i>Resuscitation</i> , 2017 , 113, 83-86	4	18
34	Cardiac arrest risk standardization using administrative data compared to registry data. <i>PLoS ONE</i> , 2017 , 12, e0182864	3.7	3

33	Reply to: Accurate neuroprognostication in cardiac arrest survivors: Details matter!. <i>Resuscitation</i> , 2017 , 115, e5-e6		4
32	Magnitude of temperature elevation is associated with neurologic and survival outcomes in resuscitated cardiac arrest patients with postrewarming pyrexia. <i>Journal of Critical Care</i> , 2017 , 38, 78-83 ⁴		15
31	The association of layperson characteristics with the quality of simulated cardiopulmonary resuscitation performance. <i>World Journal of Emergency Medicine</i> , 2017 , 8, 12-18	1.9	10
30	Video-Only Cardiopulmonary Resuscitation Education for High-Risk Families Before Hospital Discharge: A Multicenter Pragmatic Trial. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016 , 9, 740-748 ^{5,8}		26
29	Recruitment for a hospital-based pragmatic clinical trial using volunteer nurses and students. <i>Clinical Trials</i> , 2016 , 13, 425-33	2.2	2
28	When to Stop CPR and When to Perform Rhythm Analysis: Potential Confusion Among ACLS Providers. <i>Journal of Intensive Care Medicine</i> , 2016 , 31, 537-43	3.3	3
27	Dissemination of CPR video self-instruction materials to secondary trainees: Results from a hospital-based CPR education trial. <i>Resuscitation</i> , 2016 , 100, 45-50	4	9
26	High-quality cardiopulmonary resuscitation: current and future directions. <i>Current Opinion in Critical Care</i> , 2016 , 22, 218-24	3.5	19
25	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). <i>Circulation</i> , 2016 , 134, 2131-2133	16.7	22
24	Presence of Medical Students and Length of Stay in the Emergency Department--Reply. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 2019-20	27.4	
23	Inter-rater reliability of post-arrest cerebral performance category (CPC) scores. <i>Resuscitation</i> , 2016 , 109, 21-24	4	29
22	Development and Testing of Shared Decision Making Interventions for Use in Emergency Care: A Research Agenda. <i>Academic Emergency Medicine</i> , 2016 , 23, 1346-1353	3.4	27
21	Quantitative relationship between end-tidal carbon dioxide and CPR quality during both in-hospital and out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2015 , 89, 149-54	4	97
20	Cardiopulmonary resuscitation for in-hospital events in the emergency department: A comparison of adult and pediatric outcomes and care processes. <i>Resuscitation</i> , 2015 , 92, 94-100	4	22
19	Shorter time to target temperature is associated with poor neurologic outcome in post-arrest patients treated with targeted temperature management. <i>Resuscitation</i> , 2015 , 88, 114-9	4	45
18	Public knowledge of automatic external defibrillators in a large U.S. urban community. <i>Resuscitation</i> , 2015 , 92, 101-6	4	23
17	Outcomes of patients resuscitated from cardiac arrest in the setting of drug overdose. <i>Resuscitation</i> , 2015 , 94, 23-7	4	12
16	Medical Students in the Emergency Department and Patient Length of Stay. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 2411-3	27.4	3

15	The Utility of Therapeutic Hypothermia for Post-Cardiac Arrest Syndrome Patients With an Initial Nonshockable Rhythm. <i>Circulation</i> , 2015 , 132, 2146-51	16.7	52
14	Variability in Postarrest Targeted Temperature Management Practice: Implications of the 2015 Guidelines. <i>Therapeutic Hypothermia and Temperature Management</i> , 2015 , 5, 184-7	1.3	8
13	Impact of the 2010 resuscitation guidelines training on layperson chest compressions. <i>World Journal of Emergency Medicine</i> , 2015 , 6, 270-6	1.9	6
12	Lack of improved outcomes with increased use of targeted temperature management following out-of-hospital cardiac arrest: a multicenter retrospective cohort study. <i>Resuscitation</i> , 2014 , 85, 1549-56 ⁴		3
11	Access to care for patients with time-sensitive conditions in Pennsylvania. <i>Annals of Emergency Medicine</i> , 2014 , 63, 572-9	2.1	8
10	The association of body mass index with time to target temperature and outcomes following post-arrest targeted temperature management. <i>Resuscitation</i> , 2014 , 85, 244-7	4	22
9	Optimal loop duration during the provision of in-hospital advanced life support (ALS) to patients with an initial non-shockable rhythm. <i>Resuscitation</i> , 2014 , 85, 75-81	4	13
8	Pyrexia and neurologic outcomes after therapeutic hypothermia for cardiac arrest. <i>Resuscitation</i> , 2013 , 84, 1056-61	4	88
7	The importance of cardiopulmonary resuscitation quality. <i>Current Opinion in Critical Care</i> , 2013 , 19, 175-80 ⁵	3.5	17
6	Initial clinical predictors of significant coronary lesions after resuscitation from cardiac arrest. <i>Therapeutic Hypothermia and Temperature Management</i> , 2012 , 2, 73-7	1.3	6
5	CPR and postarrest care: overview, documentation, and databases. <i>Chest</i> , 2012 , 141, 1082-1089	5.3	10
4	Pro: The case for using therapeutic hypothermia after in-hospital cardiac arrest. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2011 , 25, 362-4	2.1	3
3	Not all cardiac arrests are the same. <i>Cmaj</i> , 2011 , 183, 1572-3	3.5	2
2	CPR quality improvement during in-hospital cardiac arrest using a real-time audiovisual feedback system. <i>Resuscitation</i> , 2007 , 73, 54-61	4	294
1	Difficulty of cardiac arrest rhythm identification does not correlate with length of chest compression pause before defibrillation. <i>Critical Care Medicine</i> , 2006 , 34, S427-31	1.4	7