Peter J Kudenchuk

List of Publications by Citations

76 papers	3,779 citations	26 h-index	61 g-index
86 ext. papers	4,975 ext. citations	8.5 avg, IF	4.98 L-index

#	Paper	IF	Citations
76	Part 7: Adult Advanced Cardiovascular Life Support: 2015 American Heart Association Guidelines Update for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. *Circulation*, **2015**, 132, S444-64	16.7	827
75	Effect of prehospital induction of mild hypothermia on survival and neurological status among adults with cardiac arrest: a randomized clinical trial. *JAMA - Journal of the American Medical Association*, **2014**, 311, 45-52	27.4	383
74	Part 3: Adult Basic and Advanced Life Support: 2020 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. *Circulation*, **2020**, 142, S366-S468	16.7	251
73	Part 8: Advanced life support: 2010 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. *Circulation*, **2010**, 122, S345-421	16.7	240
72	Amiodarone, Lidocaine, or Placebo in Out-of-Hospital Cardiac Arrest. *New England Journal of Medicine*, **2016**, 374, 1711-22	59.2	225
71	Chest compression rates and survival following out-of-hospital cardiac arrest. *Critical Care Medicine*, **2015**, 43, 840-8	1.4	210
70	Ventricular tachyarrhythmias after cardiac arrest in public versus at home. *New England Journal of Medicine*, **2011**, 364, 313-21	59.2	201
69	Association of early withdrawal of life-sustaining therapy for perceived neurological prognosis with mortality after cardiac arrest. *Resuscitation*, **2016**, 102, 127-35	4	165
68	Survival benefit of the primary prevention implantable cardioverter-defibrillator among older patients: does age matter? An analysis of pooled data from 5 clinical trials. *Circulation: Cardiovascular Quality and Outcomes*, **2015**, 8, 179-86	5.8	71
67	Truncated biphasic pulses for transthoracic defibrillation. *Circulation*, **1995**, 91, 1768-74	16.7	63
66	Outcomes of implantable cardioverter-defibrillator use in patients with comorbidities: results from a combined analysis of 4 randomized clinical trials. *JACC: Heart Failure*, **2014**, 2, 623-9	7.9	56
65	Impact of changes in resuscitation practice on survival and neurological outcome after out-of-hospital cardiac arrest resulting from nonshockable arrhythmias. *Circulation*, **2012**, 125, 1787-94	16.7	56
64	Gender Disparities Among Adult Recipients of Bystander Cardiopulmonary Resuscitation in the Public. *Circulation: Cardiovascular Quality and Outcomes*, **2018**, 11, e004710	5.8	55
63	Transthoracic incremental monophasic versus biphasic defibrillation by emergency responders (TIMBER): a randomized comparison of monophasic with biphasic waveform ascending energy defibrillation for the resuscitation of out-of-hospital cardiac arrest due to ventricular fibrillation. *Circulation*, **2006**, 114, 2010-8	16.7	54
62	Cardiopulmonary Resuscitation Training Disparities in the United States. *Journal of the American Heart Association*, **2017**, 6,	6	49
61	Resuscitation Outcomes Consortium-Amiodarone, Lidocaine or Placebo Study (ROC-ALPS): Rationale and methodology behind an out-of-hospital cardiac arrest antiarrhythmic drug trial. *American Heart Journal*, **2014**, 167, 653-9.e4	4.9	43
60	Prevalence of COVID-19 in Out-of-Hospital Cardiac Arrest: Implications for Bystander Cardiopulmonary Resuscitation. *Circulation*, **2020**, 142, 507-509	16.7	42

59	Association of Intra-arrest Transport vs Continued On-Scene Resuscitation With Survival to Hospital Discharge Among Patients With Out-of-Hospital Cardiac Arrest. *JAMA - Journal of the American Medical Association*, **2020**, 324, 1058-1067	27.4	40
58	Ventricular arrhythmias detected after transvenous defibrillator implantation in patients with a clinical history of only ventricular fibrillation. Implications for use of implantable defibrillator. *Circulation*, **1995**, 91, 1996-2001	16.7	39
57	Prospective randomized trial of moderately strenuous aerobic exercise after an implantable cardioverter defibrillator. *Circulation*, **2015**, 131, 1835-42	16.7	37
56	Post-discharge outcomes after resuscitation from out-of-hospital cardiac arrest: A ROC PRIMED substudy. *Resuscitation*, **2015**, 93, 74-81	4	36
55	Prophylactic lidocaine for post resuscitation care of patients with out-of-hospital ventricular fibrillation cardiac arrest. *Resuscitation*, **2013**, 84, 1512-8	4	35
54	Variation in Survival After Out-of-Hospital Cardiac Arrest Between Emergency Medical Services Agencies. *JAMA Cardiology*, **2018**, 3, 989-999	16.2	35
53	Intraosseous compared to intravenous drug resuscitation in out-of-hospital cardiac arrest. *Resuscitation*, **2017**, 117, 91-96	4	34
52	Thyroid and Cardiovascular Disease: Research Agenda for Enhancing Knowledge, Prevention, and Treatment. *Thyroid*, **2019**, 29, 760-777	6.2	29
51	Prospective randomized comparison of biphasic waveform tilt using a unipolar defibrillation system. *PACE - Pacing and Clinical Electrophysiology*, **1995**, 18, 1369-73	1.6	27
50	Chest compression components (rate, depth, chest wall recoil and leaning): A scoping review. *Resuscitation*, **2020**, 146, 188-202	4	26
49	Survival After Intravenous Versus Intraosseous Amiodarone, Lidocaine, or Placebo in Out-of-Hospital Shock-Refractory Cardiac Arrest. *Circulation*, **2020**, 141, 188-198	16.7	25
48	A prospective randomized comparison in humans of biphasic waveform 60-microF and 120-microF capacitance pulses using a unipolar defibrillation system. *Circulation*, **1995**, 91, 91-5	16.7	25
47	Thyroid and Cardiovascular Disease Research Agenda for Enhancing Knowledge, Prevention, and Treatment. *Circulation*, **2019**,	16.7	24
46	Effect of Machine Learning on Dispatcher Recognition of Out-of-Hospital Cardiac Arrest During Calls to Emergency Medical Services: A Randomized Clinical Trial. *JAMA Network Open*, **2021**, 4, e2032320	10.4	24
45	Intensive care medicine research agenda on cardiac arrest. *Intensive Care Medicine*, **2017**, 43, 1282-1293	14.5	21
44	A prospective randomized evaluation of implantable cardioverter-defibrillator size on unipolar defibrillation system efficacy. *Circulation*, **1995**, 92, 2940-3	16.7	21
43	Effect of prehospital induction of mild hypothermia on 3-month neurological status and 1-year survival among adults with cardiac arrest: long-term follow-up of a randomized, clinical trial. *Journal of the American Heart Association*, **2015**, 4, e001693	6	19
42	Ventricular Fibrillation Waveform Analysis During Chest Compressions to Predict Survival From Cardiac Arrest. *Circulation: Arrhythmia and Electrophysiology*, **2019**, 12, e006924	6.4	19

41	Ventricular fibrillation waveform measures combined with prior shock outcome predict defibrillation success during cardiopulmonary resuscitation. *Journal of Electrocardiology*, **2018**, 51, 99-106	1.4	18
40	Implantable cardioverter-defibrillators in heart failure patients with reduced ejection fraction and diabetes. *European Journal of Heart Failure*, **2018**, 20, 1031-1038	12.3	18
39	Anatomical findings in patients having had a chronically indwelling coronary sinus defibrillation lead. *PACE - Pacing and Clinical Electrophysiology*, **1995**, 18, 2062-7	1.6	17
38	Advanced cardiac life support antiarrhythmic drugs. *Cardiology Clinics*, **2002**, 20, 79-87	2.5	16
37	Short ECG segments predict defibrillation outcome using quantitative waveform measures. *Resuscitation*, **2016**, 109, 16-20	4	16
36	Cardiopulmonary resuscitation: the science behind the hands. *Heart*, **2018**, 104, 1056-1061	5.1	15
35	Variability in the initiation of resuscitation attempts by emergency medical services personnel during out-of-hospital cardiac arrest. *Resuscitation*, **2017**, 117, 102-108	4	14
34	A prospective randomized comparison in humans of 90-mu F and 120-mu F biphasic pulse defibrillation using a unipolar defibrillation system. *Journal of Cardiovascular Electrophysiology*, **1995**, 6, 1097-100	2.7	12
33	Development of an aortic valve mass after radiofrequency catheter ablation. *PACE - Pacing and Clinical Electrophysiology*, **1993**, 16, 2064-6	1.6	12
32	Prospective evaluation of the effect of biphasic waveform defibrillation on ventricular pacing thresholds. *Journal of Cardiovascular Electrophysiology*, **1997**, 8, 485-95	2.7	11
31	2021 Interim Guidance to Health Care Providers for Basic and Advanced Cardiac Life Support in Adults, Children, and Neonates With Suspected or Confirmed COVID-19. *Circulation: Cardiovascular Quality and Outcomes*, **2021**, 14, e008396	5.8	10
30	Risk for Acquiring Coronavirus Disease Illness among Emergency Medical Service Personnel Exposed to Aerosol-Generating Procedures. *Emerging Infectious Diseases*, **2021**, 27, 2340-2348	10.2	10
29	An accurate method for real-time chest compression detection from the impedance signal. *Resuscitation*, **2016**, 105, 22-8	4	9
28	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
27	Patient plus partner trial: A randomized controlled trial of 2 interventions to improve outcomes after an initial implantable cardioverter-defibrillator. *Heart Rhythm*, **2019**, 16, 453-459	6.7	8
26	A Method to Detect Presence of Chest Compressions During Resuscitation Using Transthoracic Impedance. *IEEE Journal of Biomedical and Health Informatics*, **2020**, 24, 768-774	7.2	8
25	Relationship Between Duration of Targeted Temperature Management, Ischemic Interval, and Good Functional Outcome From Out-of-Hospital Cardiac Arrest. *Critical Care Medicine*, **2020**, 48, 370-377	1.4	7
24	Emergency Medical Services and Do Not Attempt Resuscitation directives among patients with out-of-hospital cardiac arrest. *Resuscitation*, **2021**, 158, 73-78	4	7

23	Incidence and Risk Factors for Postcontrast Acute Kidney Injury in Survivors of Sudden Cardiac Arrest. *Annals of Emergency Medicine*, **2016**, 67, 469-476.e1	2.1	5
22	Bystander automated external defibrillator application in non-shockable out-of-hospital cardiac arrest. *Resuscitation*, **2019**, 137, 168-174	4	4
21	Nitrite elicits divergent NO-dependent signaling that associates with outcome in out of hospital cardiac arrest. *Redox Biology*, **2020**, 32, 101463	11.3	4
20	2022 Interim Guidance to Healthcare Providers for Basic and Advanced Cardiac Life Support in Adults, Children, and Neonates with Suspected or Confirmed COVID-19: From the Emergency Cardiovascular Care Committee and Get With the Guidelines -Resuscitation Adult and Pediatric Task Forces of the American Heart Association in Collaboration with the American Academy of	5.8	4
19	A method to predict ventricular fibrillation shock outcome during chest compressions. *Computers in Biology and Medicine*, **2021**, 129, 104136	7	4
18	Cardiac arrest management. *Prehospital Emergency Care*, **2001**, 5, 237-46	2.8	3
17	Diagnostic accuracy of early computed tomographic coronary angiography to detect coronary artery disease after out-of-hospital circulatory arrest. *Resuscitation*, **2020**, 153, 243-250	4	3
16	Early head-to-pelvis computed tomography in out-of-hospital circulatory arrest without obvious etiology. *Academic Emergency Medicine*, **2021**, 28, 394-403	3.4	3
15	Interim Guidance for Emergency Medical Services Management of Out-of-Hospital Cardiac Arrest During the COVID-19 Pandemic. *Circulation: Cardiovascular Quality and Outcomes*, **2021**, 14, e007666	5.8	3
14	Merits of expanding the Utstein case definition for out of hospital cardiac arrest. *Resuscitation*, **2021**, 158, 88-93	4	3
13	Risk Prediction in Women With Congenital Long QT Syndrome. *Journal of the American Heart Association*, **2021**, 10, e021088	6	2
12	Regarding manuscript: "resuscitation outcomes consortium-amiodarone, lidocaine, or placebo study: rationale and methodology behind out-of-hospital cardiac arrest antiarrhythmic drug trial". *American Heart Journal*, **2014**, 168, e19-20	4.9	1
11	Pharmacologic treatment of cardiac arrest. *Prehospital Emergency Care*, **1999**, 3, 279-82	2.8	1
10	Outcome by Sex in Patients With Long QT Syndrome With an Implantable Cardioverter Defibrillator. *Journal of the American Heart Association*, **2020**, 9, e016398	6	1
9	Variation in time to notification of enrollment and rates of withdrawal in resuscitation trials conducted under exception from informed consent. *Resuscitation*, **2021**, 168, 160-166	4	1
8	Out of hospital cardiac arrest: Past, present, and future. *Resuscitation*, **2021**, 165, 101-109	4	1
7	Incidence, Mechanism, and Outcomes of On-Plane Versus Off-Plane Cardiac Arrest in Air Travelers. *Journal of the American Heart Association*, **2021**, 10, e021360	6	1
6	Insights From the Ventricular Fibrillation Waveform Into the Mechanism of Survival Benefit From Bystander Cardiopulmonary Resuscitation. *Journal of the American Heart Association*, **2021**, 10, e020825	6	1

5	Prevalence and Patterns of Resuscitation-Associated Injury Detected by Head-to-Pelvis Computed Tomography After Successful Out-of-Hospital Cardiac Arrest Resuscitation.. *Journal of the American Heart Association*, **2022**, e023949	6	0
4	Association between functional status at hospital discharge and long-term survival after out-of-hospital-cardiac-arrest. *Resuscitation*, **2021**, 164, 30-37	4	0
3	AuthorsTreply. *Resuscitation*, **2018**, 127, e2	4	
2	New approaches to managing nonvalvular atrial fibrillation: what are the thromboembolic implications?. *Journal of Thrombosis and Thrombolysis*, **2015**, 39, 345-52	5.1	
1	Pearls and perils of an implantable defibrillator trial using a common control: implications for the design of future studies. *Trials*, **2008**, 9, 24	2.8	