

Daniel P Davis

List of Publications by Citations

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77
papers

6,018
citations

38
h-index

77
g-index

79
ext. papers

6,826
ext. citations

4
avg, IF

4.99
L-index

#	Paper	IF	Citations
77	Part 8: adult advanced cardiovascular life support: 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2010 , 122, S729-67	16.7	1025
76	Both hypoxemia and extreme hyperoxemia may be detrimental in patients with severe traumatic brain injury. <i>Journal of Neurotrauma</i> , 2009 , 26, 2217-23	5.4	675
75	What is the role of chest compression depth during out-of-hospital cardiac arrest resuscitation?. <i>Critical Care Medicine</i> , 2012 , 40, 1192-8	1.4	288
74	The effect of paramedic rapid sequence intubation on outcome in patients with severe traumatic brain injury. <i>Journal of Trauma</i> , 2003 , 54, 444-53		259
73	The clinical presentation and impact of diagnostic delays on emergency department patients with spinal epidural abscess. <i>Journal of Emergency Medicine</i> , 2004 , 26, 285-91	1.5	239
72	Chest compression rates and survival following out-of-hospital cardiac arrest. <i>Critical Care Medicine</i> , 2015 , 43, 840-8	1.4	210
71	Rationale, development and implementation of the Resuscitation Outcomes Consortium Epistry-Cardiac Arrest. <i>Resuscitation</i> , 2008 , 78, 161-9	4	205
70	The impact of hypoxia and hyperventilation on outcome after paramedic rapid sequence intubation of severely head-injured patients. <i>Journal of Trauma</i> , 2004 , 57, 1-8; discussion 8-10		202
69	Incidence of transient hypoxia and pulse rate reactivity during paramedic rapid sequence intubation. <i>Annals of Emergency Medicine</i> , 2003 , 42, 721-8	2.1	198
68	Early versus later rhythm analysis in patients with out-of-hospital cardiac arrest. <i>New England Journal of Medicine</i> , 2011 , 365, 787-97	59.2	185
67	The impact of prehospital endotracheal intubation on outcome in moderate to severe traumatic brain injury. <i>Journal of Trauma</i> , 2005 , 58, 933-9		161
66	Part 5: Adult basic life support: 2010 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Circulation</i> , 2010 , 122, S298-324	16.7	137
65	A descriptive analysis of Emergency Medical Service Systems participating in the Resuscitation Outcomes Consortium (ROC) network. <i>Prehospital Emergency Care</i> , 2007 , 11, 369-82	2.8	132
64	Early ventilation and outcome in patients with moderate to severe traumatic brain injury. <i>Critical Care Medicine</i> , 2006 , 34, 1202-8	1.4	128
63	The impact of aeromedical response to patients with moderate to severe traumatic brain injury. <i>Annals of Emergency Medicine</i> , 2005 , 46, 115-22	2.1	108
62	Emergency physician-initiated extracorporeal cardiopulmonary resuscitation. <i>Resuscitation</i> , 2012 , 83, 966-70	4	90
61	Traumatic brain injury outcomes in pre- and post- menopausal females versus age-matched males. <i>Journal of Neurotrauma</i> , 2006 , 23, 140-8	5.4	84

60	Out-of-hospital cardiac arrest frequency and survival: evidence for temporal variability. <i>Resuscitation</i> , 2010 , 81, 175-81	4	83
59	A follow-up analysis of factors associated with head-injury mortality after paramedic rapid sequence intubation. <i>Journal of Trauma</i> , 2005 , 59, 486-90		77
58	The use of quantitative end-tidal capnometry to avoid inadvertent severe hyperventilation in patients with head injury after paramedic rapid sequence intubation. <i>Journal of Trauma</i> , 2004 , 56, 808-14		74
57	Minimizing pre- and post-defibrillation pauses increases the likelihood of return of spontaneous circulation (ROSC). <i>Resuscitation</i> , 2010 , 81, 822-5	4	71
56	Prospective evaluation of a clinical decision guideline to diagnose spinal epidural abscess in patients who present to the emergency department with spine pain. <i>Journal of Neurosurgery: Spine</i> , 2011 , 14, 765-70	2.8	69
55	The feasibility of a regional cardiac arrest receiving system. <i>Resuscitation</i> , 2007 , 74, 44-51	4	68
54	Rate of decline in oxygen saturation at various pulse oximetry values with prehospital rapid sequence intubation. <i>Prehospital Emergency Care</i> , 2008 , 12, 46-51	2.8	66
53	Prehospital airway and ventilation management: a trauma score and injury severity score-based analysis. <i>Journal of Trauma</i> , 2010 , 69, 294-301		63
52	Increased survival after EMS witnessed cardiac arrest. Observations from the Resuscitation Outcomes Consortium (ROC) Epistry-Cardiac arrest. <i>Resuscitation</i> , 2010 , 81, 826-30	4	63
51	The predictive value of field versus arrival Glasgow Coma Scale score and TRISS calculations in moderate-to-severe traumatic brain injury. <i>Journal of Trauma</i> , 2006 , 60, 985-90		61
50	The association between field Glasgow Coma Scale score and outcome in patients undergoing paramedic rapid sequence intubation. <i>Journal of Emergency Medicine</i> , 2005 , 29, 391-7	1.5	59
49	The safety and efficacy of prehospital needle and tube thoracostomy by aeromedical personnel. <i>Prehospital Emergency Care</i> , 2005 , 9, 191-7	2.8	58
48	The Combitube as a salvage airway device for paramedic rapid sequence intubation. <i>Annals of Emergency Medicine</i> , 2003 , 42, 697-704	2.1	58
47	The relationship between out-of-hospital airway management and outcome among trauma patients with Glasgow Coma Scale Scores of 8 or less. <i>Prehospital Emergency Care</i> , 2011 , 15, 184-92	2.8	52
46	The positive predictive value of paramedic versus emergency physician interpretation of the prehospital 12-lead electrocardiogram. <i>Prehospital Emergency Care</i> , 2007 , 11, 399-402	2.8	52
45	Paramedic-administered neuromuscular blockade improves prehospital intubation success in severely head-injured patients. <i>Journal of Trauma</i> , 2003 , 55, 713-9		52
44	Paramedic rapid sequence intubation for severe traumatic brain injury: perspectives from an expert panel. <i>Prehospital Emergency Care</i> , 2007 , 11, 1-8	2.8	49
43	The use of midazolam for prehospital rapid-sequence intubation may be associated with a dose-related increase in hypotension. <i>Prehospital Emergency Care</i> , 2001 , 5, 163-8	2.8	48

42	Diffusion-weighted magnetic resonance imaging versus computed tomography in the diagnosis of acute ischemic stroke. <i>Journal of Emergency Medicine</i> , 2006 , 31, 269-77	1.5	46
41	The effectiveness of a novel, algorithm-based difficult airway curriculum for air medical crews using human patient simulators. <i>Prehospital Emergency Care</i> , 2007 , 11, 72-9	2.8	44
40	Ventilation patterns in patients with severe traumatic brain injury following paramedic rapid sequence intubation. <i>Neurocritical Care</i> , 2005 , 2, 165-71	3.3	41
39	Cardiac arrest survival did not increase in the Resuscitation Outcomes Consortium after implementation of the 2005 AHA CPR and ECC guidelines. <i>Resuscitation</i> , 2011 , 82, 979-83	4	35
38	Variation in Survival After Out-of-Hospital Cardiac Arrest Between Emergency Medical Services Agencies. <i>JAMA Cardiology</i> , 2018 , 3, 989-999	16.2	35
37	The association between operator confidence and accuracy of ultrasonography performed by novice emergency physicians. <i>Journal of Emergency Medicine</i> , 2005 , 29, 259-64	1.5	31
36	Predictors of intubation success and therapeutic value of paramedic airway management in a large, urban EMS system. <i>Prehospital Emergency Care</i> , 2006 , 10, 356-62	2.8	30
35	A performance improvement-based resuscitation programme reduces arrest incidence and increases survival from in-hospital cardiac arrest. <i>Resuscitation</i> , 2015 , 92, 63-9	4	24
34	Head-injured patients who "talk and die": the San Diego perspective. <i>Journal of Trauma</i> , 2007 , 62, 277-81		22
33	Ischemic preconditioning in the brain. <i>Current Opinion in Anaesthesiology</i> , 2003 , 16, 447-52	2.9	22
32	The inadvertent administration of anticoagulants to ED patients ultimately diagnosed with thoracic aortic dissection. <i>American Journal of Emergency Medicine</i> , 2005 , 23, 439-42	2.9	18
31	Preoxygenation reduces desaturation events and improves intubation success. <i>Air Medical Journal</i> , 2015 , 34, 82-5	1	16
30	Electrical and mechanical recovery of cardiac function following out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2013 , 84, 25-30	4	16
29	Variation in the type, rate, and selection of patients for out-of-hospital airway procedures among injured children and adults. <i>Academic Emergency Medicine</i> , 2009 , 16, 1269-1276	3.4	16
28	A novel configuration of a traditional rapid response team decreases non-intensive care unit arrests and overall hospital mortality. <i>Journal of Hospital Medicine</i> , 2015 , 10, 352-7	2.7	15
27	Demographic, socioeconomic, and psychological factors related to medication non-adherence among emergency department patients. <i>Journal of Emergency Medicine</i> , 2012 , 43, 773-85	1.5	15
26	A Novel Difficult-Airway Prediction Tool for Emergency Airway Management: Validation of the HEAVEN Criteria in a Large Air Medical Cohort. <i>Journal of Emergency Medicine</i> , 2018 , 54, 395-401	1.5	14
25	Acute cerebellar ataxia in a toddler: case report and literature review. <i>Journal of Emergency Medicine</i> , 2003 , 24, 281-4	1.5	14

24	Frequency and survival pattern of in-hospital cardiac arrests: The impacts of etiology and timing. <i>Resuscitation</i> , 2016 , 107, 13-8	4	14
23	HEAVEN Criteria: Derivation of a New Difficult Airway Prediction Tool. <i>Air Medical Journal</i> , 2017 , 36, 195-197		10
22	The HEAVEN criteria predict laryngoscopic view and intubation success for both direct and video laryngoscopy: a cohort analysis. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2019 , 27, 50	3.6	10
21	Initial end-tidal carbon dioxide as a prognostic indicator for inpatient PEA arrest. <i>Resuscitation</i> , 2015 , 92, 77-81	4	10
20	Longitudinal associations between diurnal cortisol variation and later-life cognitive impairment. <i>Neurology</i> , 2020 , 94, e133-e141	6.5	9
19	The need for standardized data reporting for prehospital airway management. <i>Critical Care</i> , 2011 , 15, 133	10.8	8
18	Latency and loss of pulse oximetry signal with the use of digital probes during prehospital rapid-sequence intubation. <i>Prehospital Emergency Care</i> , 2011 , 15, 18-22	2.8	8
17	The impact of increased chest compression fraction on survival for out-of-hospital cardiac arrest patients with a non-shockable initial rhythm. <i>Resuscitation</i> , 2020 , 154, 93-100	4	7
16	Cardiocerebral resuscitation: a broader perspective. <i>Journal of the American College of Cardiology</i> , 2009 , 53, 158-60	15.1	6
15	Should invasive airway management be done in the field?. <i>Cmaj</i> , 2008 , 178, 1171-3	3.5	6
14	Noninvasive capnometry for continuous monitoring of mental status: a tale of 2 patients. <i>American Journal of Emergency Medicine</i> , 2006 , 24, 752-4	2.9	6
13	A focused investigation of expedited, stack of three shocks versus chest compressions first followed by single shocks for monitored ventricular fibrillation/ventricular tachycardia cardiopulmonary arrest in an in-hospital setting. <i>Journal of Hospital Medicine</i> , 2016 , 11, 264-8	2.7	5
12	The efficacy of nebulized albuterol/ipratropium bromide versus albuterol alone in the prehospital treatment of suspected reactive airways disease. <i>Prehospital Emergency Care</i> , 2005 , 9, 386-90	2.8	4
11	The Use of Ketamine for Air Medical Rapid Sequence Intubation Was Not Associated With a Decrease in Hypotension or Cardiopulmonary Arrest. <i>Air Medical Journal</i> , 2020 , 39, 111-115	1	4
10	Systolic Blood Pressure Threshold for HEMS-Witnessed Arrests. <i>Air Medical Journal</i> , 2018 , 37, 104-107	1	2
9	Real-Time Cardiopulmonary Resuscitation Feedback and Targeted Training Improve Chest Compression Performance in a Cohort of International Healthcare Providers. <i>Journal of Emergency Medicine</i> , 2019 ,	1.5	2
8	Vital sign patterns before shock-related cardiopulmonary arrest. <i>Resuscitation</i> , 2019 , 139, 337-342	4	1
7	A Conceptual Framework to Reduce Inpatient Preventable Deaths. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2018 , 44, 413-420	1.4	1

6	Optimizing Physiology During Prehospital Airway Management: An NAEMSP Position Statement and Resource Document.. <i>Prehospital Emergency Care</i> , 2022 , 26, 72-79	2.8	1
5	The authors reply "A novel configuration of a traditional rapid response team decreases non-intensive care unit arrests and overall hospital mortality". <i>Journal of Hospital Medicine</i> , 2015 , 10, 704	2.7	0
4	The impact of real-time chest compression feedback increases with application of the 2015 guidelines. <i>Journal of Critical Care</i> , 2019 , 54, 145-150	4	
3	The authors reply, "A focused investigation of expedited, stack of three shocks versus chest compressions first followed by single shocks for monitored ventricular fibrillation/ventricular tachycardia cardiopulmonary arrest in an in-hospital setting". <i>Journal of Hospital Medicine</i> , 2016 , 11, 894-895	2.7	
2	In Response. <i>Journal of Emergency Medicine</i> , 2021 , 60, 408-409	1.5	
1	The ART of resuscitation. A new program for cardiopulmonary arrest calls. <i>Journal of Emergency Medical Services</i> , 2010 , 35, 48-9		