

Ashish R Panchal

List of Publications by Citations

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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.

117
papers

2,711
citations

26
h-index

49
g-index

129
ext. papers

3,800
ext. citations

4.7
avg, IF

5.1
L-index

#	Paper	IF	Citations
117	Impaired myocardial fatty acid oxidation and reduced protein expression of retinoid X receptor-alpha in pacing-induced heart failure. <i>Circulation</i> , 2002 , 106, 606-12	16.7	260
116	Part 3: Adult Basic and Advanced Life Support: 2020 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2020 , 142, S366-S468	16.7	251
115	Interim Guidance for Basic and Advanced 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. <i>Circulation</i> , 2020 , 141, e933-e943	16.7	216
114	Chest compression depth and survival in out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2014 , 85, 182-8	4	173
113	Part 1: Executive Summary: 2020 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2020 , 142, S337-S357	16.7	124
112	Part 3: Ethical Issues: 2015 American Heart Association Guidelines Update for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2015 , 132, S383-96	16.7	103
111	2019 American Heart Association Focused Update on Advanced Cardiovascular Life Support: Use of Advanced Airways, Vasopressors, and Extracorporeal Cardiopulmonary Resuscitation During Cardiac Arrest: An Update to the American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2019 , 140, e112-e121	16.7	97
110	2018 American Heart Association Focused Update on Advanced Cardiovascular Life Support Use of Antiarrhythmic Drugs During and Immediately After Cardiac Arrest: An Update to the American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2018 , 138, e740-e749	16.7	84
109	Beta-receptor blockade decreases carnitine palmitoyl transferase I activity in dogs with heart failure. <i>Journal of Cardiac Failure</i> , 1998 , 4, 121-6	3.3	81
108	Partitioning of pyruvate between oxidation and anaplerosis in swine hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H2390-8	5.2	67
107	Cardiovascular response to epinephrine varies with increasing duration of cardiac arrest. <i>Resuscitation</i> , 2008 , 77, 101-10	4	56
106	Acute hibernation decreases myocardial pyruvate carboxylation and citrate release. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 281, H1613-20	5.2	52
105	Reduced synthesis of NO causes marked alterations in myocardial substrate metabolism in conscious dogs. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 282, E197-206	6	47
104	Inferior Vena Cava Measurement with Ultrasound: What Is the Best View and Best Mode?. <i>Western Journal of Emergency Medicine</i> , 2017 , 18, 496-501	3.3	46
103	Alterations in enzymes involved in fat metabolism after acute and chronic altitude exposure. <i>Journal of Applied Physiology</i> , 2001 , 90, 17-22	3.7	43
102	Naloxone Administration Frequency During Emergency Medical Service Events - United States, 2012-2016. <i>Morbidity and Mortality Weekly Report</i> , 2018 , 67, 850-853	31.7	40
101	Use of double sequential external defibrillation for refractory ventricular fibrillation during out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2016 , 108, 82-86	4	38

100	Glucagon-like peptide-1 (GLP-1) attenuates post-resuscitation myocardial microcirculatory dysfunction. <i>Resuscitation</i> , 2010 , 81, 755-60	4	38
99	Association of Burnout with Workforce-Reducing Factors among EMS Professionals. <i>Prehospital Emergency Care</i> , 2018 , 22, 229-236	2.8	36
98	Chest compression-only cardiopulmonary resuscitation performed by lay rescuers for adult out-of-hospital cardiac arrest due to non-cardiac aetiologies. <i>Resuscitation</i> , 2013 , 84, 435-9	4	34
97	Efficacy of Bolus-dose Phenylephrine for Peri-intubation Hypotension. <i>Journal of Emergency Medicine</i> , 2015 , 49, 488-94	1.5	33
96	Effect of Geriatric-Specific Trauma Triage Criteria on Outcomes in Injured Older Adults: A Statewide Retrospective Cohort Study. <i>Journal of the American Geriatrics Society</i> , 2016 , 64, 1944-1951	5.6	30
95	The impact of ultra-brief chest compression-only CPR video training on responsiveness, compression rate, and hands-off time interval among bystanders in a shopping mall. <i>Resuscitation</i> , 2014 , 85, 1287-90	4	29
94	Language of Transducer Manipulation: Codifying Terms for Effective Teaching. <i>Journal of Ultrasound in Medicine</i> , 2016 , 35, 183-8	2.9	28
93	CPR variability during ground ambulance transport of patients in cardiac arrest. <i>Resuscitation</i> , 2013 , 84, 592-5	4	28
92	Disability-Adjusted Life Years Following Adult Out-of-Hospital Cardiac Arrest in the United States. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019 , 12, e004677	5.8	27
91	Part 7: Systems of Care: 2020 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2020 , 142, S580-S604	16.7	26
90	Theme-based teaching of point-of-care ultrasound in undergraduate medical education. <i>Internal and Emergency Medicine</i> , 2015 , 10, 613-8	3.7	25
89	2019 American Heart Association Focused Update on Systems of Care: Dispatcher-Assisted Cardiopulmonary Resuscitation and Cardiac Arrest Centers: An Update to the American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2019 , 140, e225-e232	16.7	25
88	Viewing a brief chest-compression-only CPR video improves bystander CPR performance and responsiveness in high school students: A cluster randomized trial. <i>Resuscitation</i> , 2016 , 104, 28-33	4	23
87	Performance of the RACE Score for the Prehospital Identification of Large Vessel Occlusion Stroke in a Suburban/Rural EMS Service. <i>Prehospital Emergency Care</i> , 2019 , 23, 612-618	2.8	21
86	Prehospital Stroke Assessment for Large Vessel Occlusions: A Systematic Review. <i>Prehospital Emergency Care</i> , 2018 , 22, 180-188	2.8	21
85	An "Intention-Focused" paradigm for improving bystander CPR performance. <i>Resuscitation</i> , 2015 , 88, 48-51	4	21
84	Ketamine in the Prehospital Environment: A National Survey of Paramedics in the United States. <i>Prehospital and Disaster Medicine</i> , 2018 , 33, 23-28	0.8	18
83	Evidence-Based Guidelines for EMS Administration of Naloxone. <i>Prehospital Emergency Care</i> , 2019 , 23, 749-763	2.8	16

82	Viewing an ultra-brief chest compression only video improves some measures of bystander CPR performance and responsiveness at a mass gathering event. <i>Resuscitation</i> , 2017 , 118, 96-100	4	16
81	National Institutes of Health-Funded Cardiac Arrest Research: A 10-Year Trend Analysis. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	16
80	Post-ischemic treatment with dipyruvyl-acetyl-glycerol decreases myocardial infarct size in the pig. <i>Cardiovascular Drugs and Therapy</i> , 2003 , 17, 209-16	3.9	16
79	Insulin, transforming growth factors, and substrates modulate growth of guinea pig pancreatic duct cells in vitro. <i>Gastroenterology</i> , 1995 , 109, 944-52	13.3	16
78	Delphi Analysis of Science Gaps in the 2015 American Heart Association Cardiac Arrest Guidelines. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	15
77	Outcomes of an Advanced Ultrasound Elective: Preparing Medical Students for Residency and Practice. <i>Journal of Ultrasound in Medicine</i> , 2016 , 35, 975-82	2.9	14
76	Bedside ultrasound procedures: musculoskeletal and non-musculoskeletal. <i>European Journal of Trauma and Emergency Surgery</i> , 2016 , 42, 127-38	2.3	13
75	Exiting the Emergency Medical Services Profession and Characteristics Associated with Intent to Return to Practice. <i>Prehospital Emergency Care</i> , 2018 , 22, 28-33	2.8	13
74	Scholar quest: a residency research program aligned with faculty goals. <i>Western Journal of Emergency Medicine</i> , 2014 , 15, 299-305	3.3	13
73	Analysis of automated external defibrillator device failures reported to the Food and Drug Administration. <i>Annals of Emergency Medicine</i> , 2012 , 59, 103-11	2.1	13
72	Workplace Incivility Among Nationally Certified EMS Professionals and Associations with Workforce-Reducing Factors and Organizational Culture. <i>Prehospital Emergency Care</i> , 2019 , 23, 346-355	2.8	13
71	Females and Minority Racial/Ethnic Groups Remain Underrepresented in Emergency Medical Services: A Ten-Year Assessment, 2008-2017. <i>Prehospital Emergency Care</i> , 2020 , 24, 180-187	2.8	13
70	Disparities in Feedback Provision to Emergency Medical Services Professionals. <i>Prehospital Emergency Care</i> , 2017 , 21, 773-781	2.8	12
69	Comparing the Prevalence of Poor Sleep and Stress Metrics in Basic versus Advanced Life Support Emergency Medical Services Personnel. <i>Prehospital Emergency Care</i> , 2020 , 24, 644-656	2.8	12
68	The Impact of Working Overtime or Multiple Jobs in Emergency Medical Services. <i>Prehospital Emergency Care</i> , 2020 , 24, 657-664	2.8	11
67	Demography of the National Emergency Medical Services Workforce: A Description of Those Providing Patient Care in the Prehospital Setting. <i>Prehospital Emergency Care</i> , 2021 , 25, 213-220	2.8	11
66	Connecting Emergency Department Patients to Primary Care. <i>Journal of the American Board of Family Medicine</i> , 2015 , 28, 722-32	1.6	10
65	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. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021 , 14, e008396	5.8	10

64	Part 2: Evidence Evaluation and Guidelines Development: 2020 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2020 , 142, S358-S365	16.7	10
63	Interim Guidance for Basic and Advanced Life Support in Children and Neonates With Suspected or Confirmed COVID-19. <i>Pediatrics</i> , 2020 ,	7.4	9
62	Association Between Sleep Duration and Ideal Cardiovascular Health Among US Adults, National Health and Nutrition Examination Survey, 2013-2016. <i>Preventing Chronic Disease</i> , 2020 , 17, E43	3.7	9
61	Airway Management Proficiency Checklist for Assessing Paramedic Performance. <i>Prehospital Emergency Care</i> , 2017 , 21, 354-361	2.8	8
60	The association of job demands and resources with burnout among emergency medical services professionals. <i>Journal of the American College of Emergency Physicians Open</i> , 2020 , 1, 6-16	1.6	8
59	Low dose- high frequency, case based psychomotor CPR training improves compression fraction for patients with in-hospital cardiac arrest. <i>Resuscitation</i> , 2020 , 146, 26-31	4	8
58	Comparison of Volunteer and Paid EMS Professionals in the United States. <i>Prehospital Emergency Care</i> , 2021 , 25, 205-212	2.8	8
57	Emergency Medical Services Personnel Awareness and Training about Personal Protective Equipment during the COVID-19 Pandemic. <i>Prehospital Emergency Care</i> , 2021 , 25, 777-784	2.8	8
56	Differences in Cardiovascular Health Metrics in Emergency Medical Technicians Compared to Paramedics: A Cross-Sectional Study of Emergency Medical Services Professionals. <i>Prehospital and Disaster Medicine</i> , 2019 , 34, 288-296	0.8	7
55	The Impact of Professionalism on Transfer of Care to the Emergency Department. <i>Journal of Emergency Medicine</i> , 2015 , 49, 18-25	1.5	7
54	Creation and Validation of a Novel Mobile Simulation Laboratory for High Fidelity, Prehospital, Difficult Airway Simulation. <i>Prehospital and Disaster Medicine</i> , 2016 , 31, 465-70	0.8	7
53	Methods and Implementation of the 2019 EMS Practice Analysis. <i>Prehospital Emergency Care</i> , 2021 , 1-182.8	7	
52	The Association of Death Notification and Related Training with Burnout among Emergency Medical Services Professionals. <i>Prehospital Emergency Care</i> , 2021 , 25, 539-548	2.8	6
51	Ultrasound Use in the Prehospital Setting for Trauma: A Systematic Review. <i>Prehospital Emergency Care</i> , 2021 , 25, 566-582	2.8	6
50	Assessment of Paramedic Performance on Difficult Airway Simulation. <i>Prehospital Emergency Care</i> , 2020 , 24, 411-420	2.8	6
49	Evidence-Based Guidelines for Prehospital Pain Management: Recommendations.. <i>Prehospital Emergency Care</i> , 2021 , 1-17	2.8	5
48	COVID-19 Vaccinations in EMS Professionals: Prevalence and Predictors. <i>Prehospital Emergency Care</i> , 2021 , 1-9	2.8	5
47	Priorities for Prehospital Evidence-Based Guideline Development: A Modified Delphi Analysis. <i>Prehospital Emergency Care</i> , 2021 , 1-10	2.8	5

46	Opioid-Associated Out-of-Hospital Cardiac Arrest: Distinctive Clinical Features and Implications for Health Care and Public Responses: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2021 , 143, e836-e870	16.7	5
45	The Effect of Ambulance Staffing Models in a Metropolitan, Fire-Based EMS System. <i>Prehospital and Disaster Medicine</i> , 2017 , 32, 175-179	0.8	4
44	Clinical Outcomes in Cardiac Arrest Patients Following Prehospital Treatment with Therapeutic Hypothermia. <i>Prehospital and Disaster Medicine</i> , 2015 , 30, 452-6	0.8	4
43	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
42	Development of a Medical Student Cardiopulmonary Resuscitation Elective to Promote Education and Community Outreach. <i>Cureus</i> , 2019 , 11, e4507 <i>Resuscitation</i> , 2022 , 175, 100000	1.2	4
41	Psychometric Analysis of a Survey on Patient Safety Culture-Based Tool for Emergency Medical Services. <i>Journal of Patient Safety</i> , 2021 , 17, e1320-e1326	1.9	4
40	Performance Standards of Comprehensive Airway Management for Emergency Medicine Residents. <i>AEM Education and Training</i> , 2019 , 3, 39-49	2.2	3
39	Online research article discussion board to increase knowledge translation during emergency medicine residency. <i>Advances in Medical Education and Practice</i> , 2013 , 4, 17-21	1.5	3
38	Prehospital Airway Management Training and Education: An NAEMSP Position Statement and Resource Document.. <i>Prehospital Emergency Care</i> , 2022 , 26, 3-13	2.8	3
37	Feasibility, Effectiveness and Safety of Prehospital Intravenous Bolus Dose Nitroglycerin in Patients with Acute Pulmonary Edema. <i>Prehospital Emergency Care</i> , 2020 , 24, 844-850	2.8	3
36	Prehospital Efficacy and Adverse Events Associated with Bolus Dose Epinephrine in Hypotensive Patients During Ground-Based EMS Transport. <i>Prehospital and Disaster Medicine</i> , 2020 , 35, 495-500	0.8	3
35	Assessment of Fall-Related Emergency Medical Service Calls and Transports after a Community-Level Fall-Prevention Initiative. <i>Prehospital Emergency Care</i> , 2021 , 1-12	2.8	3
34	Interim Guidance for Emergency Medical Services Management of Out-of-Hospital Cardiac Arrest During the COVID-19 Pandemic. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021 , 14, e007666	5.8	3
33	Development and Validation of Content Domains for Paramedic Prehospital Performance Assessment: A Focus Group and Delphi Method Approach. <i>Prehospital Emergency Care</i> , 2021 , 25, 196-204	2.8	3
32	EMS Program Graduates Who Did Not Retest after Initial Attempt on the National Certification Exam. <i>Prehospital Emergency Care</i> , 2021 , 1-9	2.8	3
31	Emergency medical services education research priorities during COVID-19: A modified Delphi study. <i>Journal of the American College of Emergency Physicians Open</i> , 2021 , 2, e12543	1.6	3
30	Administrative and Educational Characteristics of Paramedic Programs in the United States.. <i>Prehospital and Disaster Medicine</i> , 2022 , 1-5	0.8	2
29	Closing the Gap on COVID-19 Vaccinations in First Responders and Beyond: Increasing Trust.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	2

28	Advanced Placement Paramedic Education for Health Care Professionals: A Descriptive Evaluation. <i>Journal of Emergency Nursing</i> , 2020 , 46, 44-50	1.3	2
27	The Impact of Selecting Specific Cohorts for Benchmarking and Interpretation of Emergency Department Patient Satisfaction Scores. <i>Academic Emergency Medicine</i> , 2020 , 27, 388-393	3.4	2
26	Barriers to Physical Activity Among Emergency Medical Services Professionals. <i>Journal of Physical Activity and Health</i> , 2021 , 18, 304-309	2.5	2
25	Feasibility of Spanish-language acquisition for acute medical care providers: novel curriculum for emergency medicine residencies. <i>Advances in Medical Education and Practice</i> , 2016 , 7, 81-6	1.5	2
24	Seat belt use in the ambulance patient compartment by emergency medical services professionals is low regardless of patient presence, seating position, or patient acuity. <i>Journal of Safety Research</i> , 2019 , 71, 173-180	4	2
23	A Randomized Comparison of In-hospital Rescuer Positions for Endotracheal Intubation in a Difficult Airway. <i>Western Journal of Emergency Medicine</i> , 2018 , 19, 660-667	3.3	2
22	Graduates from Accredited Paramedic Programs Have Higher Pass Rates on a National Certification Examination. <i>Journal of Allied Health</i> , 2018 , 47, 250-254	0.4	2
21	Evidence-based Guidelines for Prehospital Pain Management: Literature and Methods.. <i>Prehospital Emergency Care</i> , 2021 , 1-11	2.8	1
20	Differences in out-of-hospital cardiac arrest management and outcomes across urban, suburban, and rural settings.. <i>Prehospital Emergency Care</i> , 2021 , 1-11	2.8	1
19	Towards a more uniform approach to prehospital care in the USA. <i>European Journal of Emergency Medicine</i> , 2020 , 27, 400-401	2.3	1
18	Comprehensive Description of the Advanced Emergency Medical Technician Certification Level. <i>Prehospital Emergency Care</i> , 2020 , 24, 394-400	2.8	1
17	Paramedic and EMT Program Performance on Certification Examinations Varies by Program Size and Geographic Location. <i>Prehospital Emergency Care</i> , 2021 , 1-9	2.8	1
16	Novel application of thoracic impedance to characterize ventilations during cardiopulmonary resuscitation in the pragmatic airway resuscitation trial. <i>Resuscitation</i> , 2021 , 168, 58-64	4	1
15	State emergency medical services guidance and protocol changes in response to the COVID-19 pandemic: A national investigation.. <i>Journal of the American College of Emergency Physicians Open</i> , 2022 , 3, e12687	1.6	1
14	Understanding the Importance of the Lay Responder Experience in Out-of-Hospital Cardiac Arrest: A Scientific Statement From the American Heart Association.. <i>Circulation</i> , 2022 , CIR0000000000001054	16.7	1
13	Closed Emergency Department Reduction of a Superior Patellar Dislocation After Blunt Trauma. <i>Journal of Emergency Medicine</i> , 2018 , 55, 567-569	1.5	0
12	High-Risk Medication Prescriptions in Primary Care for Women Without Documented Contraception. <i>Journal of the American Board of Family Medicine</i> , 2019 , 32, 474-480	1.6	0
11	Half-dose alteplase for sub-massive pulmonary embolism directed by emergency department point-of-care ultrasound. <i>Western Journal of Emergency Medicine</i> , 2015 , 16, 181-3	3.3	0

10	Research Funding of the Top Science Gaps in the American Heart Association Cardiac Arrest Guidelines. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021 , 14, e007627	5.8	○
9	Associations between sleep, stress, and cardiovascular health in emergency medical services personnel. <i>Journal of the American College of Emergency Physicians Open</i> , 2021 , 2, e12516	1.6	○
8	A Proposed Theoretical Framework for Clinical Judgment in EMS.. <i>Prehospital Emergency Care</i> , 2022 , 1-8	2.8	○
7	The COVID-19 vaccine concerns scale: Development and validation of a new measure.. <i>Human Vaccines and Immunotherapeutics</i> , 2022 , 1-7	4.4	○
6	A One-Year Cross Sectional Analysis of Emergency Medical Services Utilization and Its Association with Hypertension in Pregnancy. <i>Prehospital Emergency Care</i> , 2021 , 1-10	2.8	
5	Defibrillator Malfunction: It's Electric! Boogie, Woogie, Woogie! 2020 , 147-155		
4	Breakin' (Pacemakers): Electric Boogaloo 2020 , 469-477		
3	Paramedic interactions with the packaging of medications and medical supplies: Poor package design has the potential to impact patient outcomes. <i>PLoS ONE</i> , 2021 , 16, e0255099	3.7	
2	Public Health Surveillance of Behavioral Health Emergencies through Emergency Medical Services Data. <i>Prehospital Emergency Care</i> , 2021 , 1-9	2.8	
1	Intentions and Motivations for Exiting the Emergency Medical Services Profession Differ Between Emergency Medical Technicians and Paramedics. <i>Journal of Allied Health</i> , 2020 , 49, 53-59	0.4	