

# Edward R Melnick

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

2,626  
citations

257429

24  
h-index

214788

47  
g-index

79  
all docs

79  
docs citations

79  
times ranked

3790  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends in Emergency Department Visits and Hospital Admissions in Health Care Systems in 5 States in the First Months of the COVID-19 Pandemic in the US. <i>JAMA Internal Medicine</i> , 2020, 180, 1328.	5.1	387
2	Prediction of In-hospital Mortality in Emergency Department Patients With Sepsis: A Local Big Data-Driven, Machine Learning Approach. <i>Academic Emergency Medicine</i> , 2016, 23, 269-278.	1.8	340
3	The Association Between Perceived Electronic Health Record Usability and Professional Burnout Among US Physicians. <i>Mayo Clinic Proceedings</i> , 2020, 95, 476-487.	3.0	241
4	Mixed-effects models for the design and analysis of stepped wedge cluster randomized trials: An overview. <i>Statistical Methods in Medical Research</i> , 2021, 30, 612-639.	1.5	91
5	CT Overuse for Mild Traumatic Brain Injury. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2012, 38, 483-489.	0.7	89
6	Should governments continue lockdown to slow the spread of covid-19?. <i>BMJ, The</i> , 2020, 369, m1924.	6.0	82
7	Efficacy and unintended consequences of hard-stop alerts in electronic health record systems: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018, 25, 1556-1566.	4.4	79
8	Treatment-Related Complications of Systemic Therapy and Radiotherapy. <i>JAMA Oncology</i> , 2019, 5, 1028.	7.1	73
9	Portable Ultrasound for Remote Environments, Part I: Feasibility of Field Deployment. <i>Journal of Emergency Medicine</i> , 2011, 40, 190-197.	0.7	70
10	Emergency Department Visits for Nonfatal Opioid Overdose During the COVID-19 Pandemic Across Six US Health Care Systems. <i>Annals of Emergency Medicine</i> , 2022, 79, 158-167.	0.6	70
11	Shared Decisionmaking in the Emergency Department: A Guiding Framework for Clinicians. <i>Annals of Emergency Medicine</i> , 2017, 70, 688-695.	0.6	51
12	Understanding Overuse of Computed Tomography for Minor Head Injury in the Emergency Department: A Triangulated Qualitative Study. <i>Academic Emergency Medicine</i> , 2015, 22, 1474-1483.	1.8	47
13	Perceived Electronic Health Record Usability as a Predictor of Task Load and Burnout Among US Physicians: Mediation Analysis. <i>Journal of Medical Internet Research</i> , 2020, 22, e23382.	4.3	45
14	Patient-Centered Decision Support: Formative Usability Evaluation of Integrated Clinical Decision Support With a Patient Decision Aid for Minor Head Injury in the Emergency Department. <i>Journal of Medical Internet Research</i> , 2017, 19, e174.	4.3	45
15	Improving emergency physician performance using audit and feedback: a systematic review. <i>American Journal of Emergency Medicine</i> , 2015, 33, 1505-1514.	1.6	44
16	Trends in Electronic Health Record Inbox Messaging During the COVID-19 Pandemic in an Ambulatory Practice Network in New England. <i>JAMA Network Open</i> , 2021, 4, e2131490.	5.9	44
17	Portable Ultrasound for Remote Environments, Part II: Current Indications. <i>Journal of Emergency Medicine</i> , 2011, 40, 313-321.	0.7	41
18	Financial Ties Between Emergency Physicians and Industry: Insights From Open Payments Data. <i>Annals of Emergency Medicine</i> , 2016, 68, 153-158.e4.	0.6	37

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19	Characterizing physician EHR use with vendor derived data: a feasibility study and cross-sectional analysis. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1383-1392.	4.4	35
20	Implementation of the Canadian CT Head Rule and Its Association With Use of Computed Tomography Among Patients With Head Injury. <i>Annals of Emergency Medicine</i> , 2018, 71, 54-63.e2.	0.6	33
21	The association between perceived electronic health record usability and professional burnout among US nurses. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1632-1641.	4.4	33
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.	1.8	30
23	Interrupted Time Series of User-centered Clinical Decision Support Implementation for Emergency Department-initiated Buprenorphine for Opioid Use Disorder. <i>Academic Emergency Medicine</i> , 2020, 27, 753-763.	1.8	28
24	In Reply-Defining Physician Burnout, and Differentiating Between Burnout and Depression. <i>Mayo Clinic Proceedings</i> , 2017, 92, 1456-1458.	3.0	27
25	Empathy in the Time of Burnout. <i>Mayo Clinic Proceedings</i> , 2016, 91, 1678-1679.	3.0	25
26	Six habits of highly successful health information technology: powerful strategies for design and implementation. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 1109-1114.	4.4	25
27	A scalable, automated warm handoff from the emergency department to community sites offering continued medication for opioid use disorder: Lessons learned from the EMBED trial stakeholders. <i>Journal of Substance Abuse Treatment</i> , 2019, 102, 47-52.	2.8	25
28	User-centred clinical decision support to implement emergency department-initiated buprenorphine for opioid use disorder: protocol for the pragmatic group randomised EMBED trial. <i>BMJ Open</i> , 2019, 9, e028488.	1.9	24
29	Covid-19 fatality is likely overestimated. <i>BMJ, The</i> , 2020, 368, m1113.	6.0	23
30	Computerized Clinical Decision Support System for Emergency Department-initiated Buprenorphine for Opioid Use Disorder: User-Centered Design. <i>JMIR Human Factors</i> , 2019, 6, e13121.	2.0	22
31	Delphi Consensus on the Feasibility of Translating the ACEP Clinical Policies Into Computerized Clinical Decision Support. <i>Annals of Emergency Medicine</i> , 2010, 56, 317-320.	0.6	21
32	Advancing electronic health record vendor usability maturity: Progress and next steps. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1029-1031.	4.4	21
33	Improve Access to Care for Opioid Use Disorder: A Call to Eliminate the X-Waiver Requirement Now. <i>Annals of Emergency Medicine</i> , 2021, 78, 220-222.	0.6	21
34	Implementing Measurement Science for Electronic Health Record Use. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 2149.	7.4	20
35	Back to the Bedside: Developing a Bedside Aid for Concussion and Brain Injury Decisions in the Emergency Department. <i>EGEMS (Washington, DC)</i> , 2017, 3, 6.	2.0	20
36	Identifying Opioid Use Disorder in the Emergency Department: Multi-System Electronic Health Record-based Computable Phenotype Derivation and Validation Study. <i>JMIR Medical Informatics</i> , 2019, 7, e15794.	2.6	20

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37	Gender Differences in Time Spent on Documentation and the Electronic Health Record in a Large Ambulatory Network. <i>JAMA Network Open</i> , 2022, 5, e223935.	5.9	19
38	Cross-sectional study of the association between healthcare professionals' empathy and burnout and the number of annual primary care visits per patient under their care in Spain. <i>BMJ Open</i> , 2018, 8, e020949.	1.9	18
39	Analysis of Electronic Health Record Use and Clinical Productivity and Their Association With Physician Turnover. <i>JAMA Network Open</i> , 2021, 4, e2128790.	5.9	18
40	International Emergency Medicine: A Review of the Literature from 2006. <i>Academic Emergency Medicine</i> , 2007, 14, 1190-1193.	1.8	15
41	Tolerance of Uncertainty and the Practice of Emergency Medicine. <i>Annals of Emergency Medicine</i> , 2020, 75, 715-720.	0.6	15
42	Tablet-Based Patient-Centered Decision Support for Minor Head Injury in the Emergency Department: Pilot Study. <i>JMIR MHealth and UHealth</i> , 2017, 5, e144.	3.7	15
43	Knowledge translation of the American College of Emergency Physicians' clinical policy on syncope using computerized clinical decision support. <i>International Journal of Emergency Medicine</i> , 2010, 3, 97-104.	1.6	13
44	Comparative Effectiveness Research: Alternatives to "Traditional" Computed Tomography Use in the Acute Care Setting. <i>Academic Emergency Medicine</i> , 2015, 22, 1465-1473.	1.8	13
45	Should US doctors embrace electronic health records?. <i>BMJ: British Medical Journal</i> , 2017, 356, j242.	2.3	13
46	Association of Perceived Electronic Health Record Usability With Patient Interactions and Work-Life Integration Among US Physicians. <i>JAMA Network Open</i> , 2020, 3, e207374.	5.9	13
47	Clinical decision support in cardiovascular medicine. <i>BMJ, The</i> , 0, , e059818.	6.0	13
48	An integrated web application for decision support and automation of EHR workflow: a case study of current challenges to standards-based messaging and scalability from the EMBED trial. <i>JAMIA Open</i> , 2019, 2, 434-439.	2.0	12
49	User centered clinical decision support to implement initiation of buprenorphine for opioid use disorder in the emergency department: EMBED pragmatic cluster randomized controlled trial. <i>BMJ, The</i> , 0, , e069271.	6.0	11
50	The Association Between Physician Empathy and Variation in Imaging Use. <i>Academic Emergency Medicine</i> , 2016, 23, 895-904.	1.8	10
51	Progress Report on EMBED: A Pragmatic Trial of User-Centered Clinical Decision Support to Implement Emergency Department-Initiated Buprenorphine for Opioid Use Disorder. <i>Journal of Psychiatry and Brain Science</i> , 2020, 5, .	0.5	10
52	Redefining Overuse to Include Costs: A Decision Analysis for Computed Tomography in Minor Head Injury. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2015, 41, 313-AP2.	0.7	9
53	An appraisal of emergency medicine clinical practice guidelines: Do we agree?. <i>International Journal of Clinical Practice</i> , 2019, 73, e13289.	1.7	9
54	Opportunities for addressing gaps in primary care shared decision-making with technology: a mixed-methods needs assessment. <i>JAMIA Open</i> , 2019, 2, 447-455.	2.0	7

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55	A Learning Health System Agenda for Organizational Approaches to Enhancing Occupational Well-being Among Clinicians. JAMA - Journal of the American Medical Association, 2022, 327, 2079.	7.4	6
56	How to make less more: empathy can fill the gap left by reducing unnecessary care. BMJ, The, 2015, 351, h5831.	6.0	5
57	Trends and Disparities in Access to Buprenorphine Treatment Following an Opioid-Related Emergency Department Visit Among an Insured Cohort, 2014-2020. JAMA Network Open, 2022, 5, e2215287.	5.9	5
58	Pilot MRI-based strategies to improve the detection of stroke in patients with dizziness/vertigo. Clinical Imaging, 2022, 82, 234-236.	1.5	4
59	Big Versus Small Data and the Generalizability of the Rate of Computed Tomography Overuse in Minor Head Injury. Academic Emergency Medicine, 2017, 24, 391-392.	1.8	3
60	Head CT overuse in children with a mild traumatic brain injury within two Canadian emergency departments. Paediatrics and Child Health, 2020, 25, 26-32.	0.6	3
61	Pragmatic clinical trial design in emergency medicine: Study considerations and design types. Academic Emergency Medicine, 2022, 29, 1247-1257.	1.8	3
62	Optimizing recruitment and retention of adolescents in ED research: Findings from concussion biomarker pilot study. American Journal of Emergency Medicine, 2018, 36, 884-887.	1.6	2
63	The Impact of Risk Standardization on Variation in CT Use and Emergency Physician Profiling. American Journal of Roentgenology, 2018, 211, 392-399.	2.2	2
64	Adapting two American Decision Aids for Mild Traumatic Brain Injury to the Canadian Context Using the Nominal Group Technique. Patient, 2020, 13, 729-743.	2.7	2
65	How a Virtual Scribe Program Improves Physicians' EHR Experience, Documentation Time, and Note Quality. NEJM Catalyst, 2021, 2, .	0.7	2
66	Pelvic Ultrasound in Acute Appendicitis. Journal of Emergency Medicine, 2010, 38, 240-242.	0.7	1
67	Applicability of the Canadian CT Head Rule in Minimal Head Injury. Annals of Emergency Medicine, 2019, 73, 97-98.	0.6	1
68	Accounting for quality improvement during the conduct of embedded pragmatic clinical trials within healthcare systems: NIH Collaboratory case studies. Healthcare, 2021, 8, 100432.	1.3	1
69	Cluster Analysis of Primary Care Physician Phenotypes for Electronic Health Record Use: Retrospective Cohort Study. JMIR Medical Informatics, 2022, 10, e34954.	2.6	1
70	Emergency physician empathy does not explain variation in admission rates. American Journal of Emergency Medicine, 2019, 37, 767-768.	1.6	0
71	Clinicopathological Conference: 29-year-old with Visual Loss, Hypertension, and a Seizure. Academic Emergency Medicine, 2007, 14, 819-824.	1.8	0
72	Activities: The Soap-Bubble-Geometry Contest. The Mathematics Teacher, 1997, 90, 746-750.	0.1	0

#	ARTICLE	IF	CITATIONS
73	Physicians in the digital age. Lancet, The, 2022, 399, 231.	13.7	0
74	In reply:. Annals of Emergency Medicine, 2022, 79, 219-220.	0.6	0
75	Emergency physicians' EHR use across hospitals: A cross-sectional analysis. American Journal of Emergency Medicine, 2022, , .	1.6	0