

Edward R Melnick

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

2,626
citations

257450
24
h-index

214800
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. JAMA Internal Medicine, 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. Academic Emergency Medicine, 2016, 23, 269-278. | 1.8 | 340 |
| 3 | The Association Between Perceived Electronic Health Record Usability and Professional Burnout Among US Physicians. Mayo Clinic Proceedings, 2020, 95, 476-487. | 3.0 | 241 |
| 4 | Mixed-effects models for the design and analysis of stepped wedge cluster randomized trials: An overview. Statistical Methods in Medical Research, 2021, 30, 612-639. | 1.5 | 91 |
| 5 | CT Overuse for Mild Traumatic Brain Injury. Joint Commission Journal on Quality and Patient Safety, 2012, 38, 483-489. | 0.7 | 89 |
| 6 | Should governments continue lockdown to slow the spread of covid-19?. BMJ, The, 2020, 369, m1924. | 6.0 | 82 |
| 7 | Efficacy and unintended consequences of hard-stop alerts in electronic health record systems: a systematic review. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1556-1566. | 4.4 | 79 |
| 8 | Treatment-Related Complications of Systemic Therapy and Radiotherapy. JAMA Oncology, 2019, 5, 1028. | 7.1 | 73 |
| 9 | Portable Ultrasound for Remote Environments, Part I: Feasibility of Field Deployment. Journal of Emergency Medicine, 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. Annals of Emergency Medicine, 2022, 79, 158-167. | 0.6 | 70 |
| 11 | Shared Decisionmaking in the Emergency Department: A Guiding Framework for Clinicians. Annals of Emergency Medicine, 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. Academic Emergency Medicine, 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. Journal of Medical Internet Research, 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. Journal of Medical Internet Research, 2017, 19, e174. | 4.3 | 45 |
| 15 | Improving emergency physician performance using audit and feedback: a systematic review. American Journal of Emergency Medicine, 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. JAMA Network Open, 2021, 4, e2131490. | 5.9 | 44 |
| 17 | Portable Ultrasound for Remote Environments, Part II: Current Indications. Journal of Emergency Medicine, 2011, 40, 313-321. | 0.7 | 41 |
| 18 | Financial Ties Between Emergency Physicians and Industry: Insights From Open Payments Data. Annals of Emergency Medicine, 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. Journal of the American Medical Informatics Association: JAMIA, 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. Annals of Emergency Medicine, 2018, 71, 54-63.e2. | 0.6 | 33 |
| 21 | The association between perceived electronic health record usability and professional burnout among US nurses. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1632-1641. | 4.4 | 33 |
| 22 | Development and Testing of Shared Decision Making Interventions for Use in Emergency Care: A Research Agenda. Academic Emergency Medicine, 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. Academic Emergency Medicine, 2020, 27, 753-763. | 1.8 | 28 |
| 24 | In Reply-Defining Physician Burnout, and Differentiating Between Burnout and Depression. Mayo Clinic Proceedings, 2017, 92, 1456-1458. | 3.0 | 27 |
| 25 | Empathy in the Time of Burnout. Mayo Clinic Proceedings, 2016, 91, 1678-1679. | 3.0 | 25 |
| 26 | Six habits of highly successful health information technology: powerful strategies for design and implementation. Journal of the American Medical Informatics Association: JAMIA, 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. Journal of Substance Abuse Treatment, 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. BMJ Open, 2019, 9, e028488. | 1.9 | 24 |
| 29 | Covid-19 fatality is likely overestimated. BMJ, The, 2020, 368, m1113. | 6.0 | 23 |
| 30 | Computerized Clinical Decision Support System for Emergency Department-initiated Buprenorphine for Opioid Use Disorder: User-Centered Design. JMIR Human Factors, 2019, 6, e13121. | 2.0 | 22 |
| 31 | Delphi Consensus on the Feasibility of Translating the ACEP Clinical Policies Into Computerized Clinical Decision Support. Annals of Emergency Medicine, 2010, 56, 317-320. | 0.6 | 21 |
| 32 | Advancing electronic health record vendor usability maturity: Progress and next steps. Journal of the American Medical Informatics Association: JAMIA, 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. Annals of Emergency Medicine, 2021, 78, 220-222. | 0.6 | 21 |
| 34 | Implementing Measurement Science for Electronic Health Record Use. JAMA - Journal of the American Medical Association, 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. EGEMS (Washington, DC), 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. JMIR Medical Informatics, 2019, 7, e15794. | 2.6 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Gender Differences in Time Spent on Documentation and the Electronic Health Record in a Large Ambulatory Network. JAMA Network Open, 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. BMJ Open, 2018, 8, e020949. | 1.9 | 18 |
| 39 | Analysis of Electronic Health Record Use and Clinical Productivity and Their Association With Physician Turnover. JAMA Network Open, 2021, 4, e2128790. | 5.9 | 18 |
| 40 | International Emergency Medicine: A Review of the Literature from 2006. Academic Emergency Medicine, 2007, 14, 1190-1193. | 1.8 | 15 |
| 41 | Tolerance of Uncertainty and the Practice of Emergency Medicine. Annals of Emergency Medicine, 2020, 75, 715-720. | 0.6 | 15 |
| 42 | Tablet-Based Patient-Centered Decision Support for Minor Head Injury in the Emergency Department: Pilot Study. JMIR MHealth and UHealth, 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. International Journal of Emergency Medicine, 2010, 3, 97-104. | 1.6 | 13 |
| 44 | Comparative Effectiveness Research: Alternatives to "Traditional" Computed Tomography Use in the Acute Care Setting. Academic Emergency Medicine, 2015, 22, 1465-1473. | 1.8 | 13 |
| 45 | Should US doctors embrace electronic health records?. BMJ: British Medical Journal, 2017, 356, j242. | 2.3 | 13 |
| 46 | Association of Perceived Electronic Health Record Usability With Patient Interactions and Work-Life Integration Among US Physicians. JAMA Network Open, 2020, 3, e207374. | 5.9 | 13 |
| 47 | Clinical decision support in cardiovascular medicine. BMJ, The, 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. JAMIA Open, 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. BMJ, The, 0, , e069271. | 6.0 | 11 |
| 50 | The Association Between Physician Empathy and Variation in Imaging Use. Academic Emergency Medicine, 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. Journal of Psychiatry and Brain Science, 2020, 5, . | 0.5 | 10 |
| 52 | Redefining Overuse to Include Costs: A Decision Analysis for Computed Tomography in Minor Head Injury. Joint Commission Journal on Quality and Patient Safety, 2015, 41, 313-AP2. | 0.7 | 9 |
| 53 | An appraisal of emergency medicine clinical practice guidelines: Do we agree?. International Journal of Clinical Practice, 2019, 73, e13289. | 1.7 | 9 |
| 54 | Opportunities for addressing gaps in primary care shared decision-making with technology: a mixed-methods needs assessment. JAMIA Open, 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 |

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|----|---|------|-----------|
| 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 |