

Jeffrey G Klann

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,962
citations

361413

20
h-index

289244

40
g-index

54
all docs

54
docs citations

54
times ranked

2906
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinguishing Admissions Specifically for COVID-19 From Incidental SARS-CoV-2 Admissions: National Retrospective Electronic Health Record Study. <i>Journal of Medical Internet Research</i> , 2022, 24, e37931.	4.3	33
2	An objective framework for evaluating unrecognized bias in medical AI models predicting COVID-19 outcomes. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 1334-1341.	4.4	12
3	International comparisons of laboratory values from the 4CE collaborative to predict COVID-19 mortality. <i>Npj Digital Medicine</i> , 2022, 5, .	10.9	7
4	International electronic health record-derived post-acute sequelae profiles of COVID-19 patients. <i>Npj Digital Medicine</i> , 2022, 5, .	10.9	17
5	The National COVID Cohort Collaborative (N3C): Rationale, design, infrastructure, and deployment. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 427-443.	4.4	342
6	Predicting COVID-19 mortality with electronic medical records. <i>Npj Digital Medicine</i> , 2021, 4, 15.	10.9	89
7	Healthcare Process Modeling to Phenotype Clinician Behaviors for Exploiting the Signal Gain of Clinical Expertise (HPM-ExpertSignals): Development and evaluation of a conceptual framework. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1242-1251.	4.4	18
8	What Every Reader Should Know About Studies Using Electronic Health Record Data but May Be Afraid to Ask. <i>Journal of Medical Internet Research</i> , 2021, 23, e22219.	4.3	61
9	Development of a Coronavirus Disease 2019 (COVID-19) Application Ontology for the Accrual to Clinical Trials (ACT) network. <i>JAMIA Open</i> , 2021, 4, ooab036.	2.0	11
10	Validation of an internationally derived patient severity phenotype to support COVID-19 analytics from electronic health record data. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1411-1420.	4.4	37
11	The Communicating Narrative Concerns Entered by Registered Nurses (CONCERN) Clinical Decision Support Early Warning System: Protocol for a Cluster Randomized Pragmatic Clinical Trial. <i>JMIR Research Protocols</i> , 2021, 10, e30238.	1.0	3
12	International Changes in COVID-19 Clinical Trajectories Across 315 Hospitals and 6 Countries: Retrospective Cohort Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e31400.	4.3	19
13	International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. <i>JAMA Network Open</i> , 2021, 4, e2112596.	5.9	33
14	Evolving phenotypes of non-hospitalized patients that indicate long COVID. <i>BMC Medicine</i> , 2021, 19, 249.	5.5	87
15	Identifying nursing documentation patterns associated with patient deterioration and recovery from deterioration in critical and acute care settings. <i>International Journal of Medical Informatics</i> , 2021, 153, 104525.	3.3	6
16	Multinational characterization of neurological phenotypes in patients hospitalized with COVID-19. <i>Scientific Reports</i> , 2021, 11, 20238.	3.3	10
17	Claims-Based Algorithms for Identifying Patients With Pulmonary Hypertension: A Comparison of Decision Rules and Machine Learning Approaches. <i>Journal of the American Heart Association</i> , 2020, 9, e016648.	3.7	17
18	International electronic health record-derived COVID-19 clinical course profiles: the 4CE consortium. <i>Npj Digital Medicine</i> , 2020, 3, 109.	10.9	128

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19	Facilitating phenotype transfer using a common data model. Journal of Biomedical Informatics, 2019, 96, 103253.	4.3	49
20	A clustering approach for detecting implausible observation values in electronic health records data. BMC Medical Informatics and Decision Making, 2019, 19, 142.	3.0	36
21	Making work visible for electronic phenotype implementation: Lessons learned from the eMERGE network. Journal of Biomedical Informatics, 2019, 99, 103293.	4.3	27
22	A federated EHR network data completeness tracking system. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 637-645.	4.4	15
23	Data model harmonization for the All Of Us Research Program: Transforming i2b2 data into the OMOP common data model. PLoS ONE, 2019, 14, e0212463.	2.5	79
24	Leveraging Clinical Expertise as a Feature - not an Outcome - of Predictive Models: Evaluation of an Early Warning System Use Case. AMIA ... Annual Symposium proceedings, 2019, 2019, 323-332.	0.2	9
25	Exploring completeness in clinical data research networks with DQe-c. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 17-24.	4.4	17
26	Web services for data warehouses: OMOP and PCORnet on i2b2. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1331-1338.	4.4	27
27	The Ad-Hoc Uncertainty Principle of Patient Privacy. AMIA Summits on Translational Science Proceedings, 2018, 2017, 132-138.	0.4	4
28	PheKB: a catalog and workflow for creating electronic phenotype algorithms for transportability. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 1046-1052.	4.4	284
29	Data interchange using i2b2. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 909-915.	4.4	74
30	A numerical similarity approach for using retired Current Procedural Terminology (CPT) codes for electronic phenotyping in the Scalable Collaborative Infrastructure for a Learning Health System (SCILHS). BMC Medical Informatics and Decision Making, 2015, 15, 104.	3.0	1
31	Desiderata for computable representations of electronic health records-driven phenotype algorithms. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1220-1230.	4.4	110
32	Taking advantage of continuity of care documents to populate a research repository. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 370-379.	4.4	18
33	Supporting Multi-sourced Medication Information in i2b2. AMIA ... Annual Symposium proceedings, 2015, 2015, 747-55.	0.2	0
34	Scalable Collaborative Infrastructure for a Learning Healthcare System (SCILHS): Architecture. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 615-620.	4.4	76
35	Decision support from local data: Creating adaptive order menus from past clinician behavior. Journal of Biomedical Informatics, 2014, 48, 84-93.	4.3	38
36	Query Health: standards-based, cross-platform population health surveillance. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 650-656.	4.4	41

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37	Patient-tailored prioritization for a pediatric care decision support system through machine learning. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, e267-e274.	4.4	22
38	Health Care Transformation Through Collaboration on Open-Source Informatics Projects: Integrating a Medical Applications Platform, Research Data Repository, and Patient Summarization. Interactive Journal of Medical Research, 2013, 2, e11.	1.4	23
39	Computing Health Quality Measures Using Informatics for Integrating Biology and the Bedside. Journal of Medical Internet Research, 2013, 15, e75.	4.3	16
40	Supporting the Health Quality Measures Format in i2b2. AMIA Summits on Translational Science Proceedings, 2013, 2013, 124.	0.4	0
41	An intelligent listening framework for capturing encounter notes from a doctor-patient dialog. BMC Medical Informatics and Decision Making, 2009, 9, S3.	3.0	16