Jeffrey G Klann

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8159334/publications.pdf

Version: 2024-02-01

41 papers	1,962 citations	361045 20 h-index	288905 40 g-index
54 all docs	54 docs citations	54 times ranked	2906 citing authors

#	Article	IF	Citations
1	The National COVID Cohort Collaborative (N3C): Rationale, design, infrastructure, and deployment. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 427-443.	2.2	342
2	PheKB: a catalog and workflow for creating electronic phenotype algorithms for transportability. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 1046-1052.	2.2	284
3	International electronic health record-derived COVID-19 clinical course profiles: the 4CE consortium. Npj Digital Medicine, 2020, 3, 109.	5.7	128
4	Desiderata for computable representations of electronic health records-driven phenotype algorithms. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1220-1230.	2.2	110
5	Predicting COVID-19 mortality with electronic medical records. Npj Digital Medicine, 2021, 4, 15.	5.7	89
6	Evolving phenotypes of non-hospitalized patients that indicate long COVID. BMC Medicine, 2021, 19, 249.	2.3	87
7	Data model harmonization for the All Of Us Research Program: Transforming i2b2 data into the OMOP common data model. PLoS ONE, 2019, 14, e0212463.	1.1	79
8	Scalable Collaborative Infrastructure for a Learning Healthcare System (SCILHS): Architecture. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 615-620.	2.2	76
9	Data interchange using i2b2. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 909-915.	2.2	74
10	What Every Reader Should Know About Studies Using Electronic Health Record Data but May Be Afraid to Ask. Journal of Medical Internet Research, 2021, 23, e22219.	2.1	61
11	Facilitating phenotype transfer using a common data model. Journal of Biomedical Informatics, 2019, 96, 103253.	2.5	49
12	Query Health: standards-based, cross-platform population health surveillance. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 650-656.	2.2	41
13	Decision support from local data: Creating adaptive order menus from past clinician behavior. Journal of Biomedical Informatics, 2014, 48, 84-93.	2.5	38
14	Validation of an internationally derived patient severity phenotype to support COVID-19 analytics from electronic health record data. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1411-1420.	2.2	37
15	A clustering approach for detecting implausible observation values in electronic health records data. BMC Medical Informatics and Decision Making, 2019, 19, 142.	1.5	36
16	International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. JAMA Network Open, 2021, 4, e2112596.	2.8	33
17	Distinguishing Admissions Specifically for COVID-19 From Incidental SARS-CoV-2 Admissions: National Retrospective Electronic Health Record Study. Journal of Medical Internet Research, 2022, 24, e37931.	2.1	33
18	Web services for data warehouses: OMOP and PCORnet on i2b2. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1331-1338.	2.2	27

#	Article	IF	Citations
19	Making work visible for electronic phenotype implementation: Lessons learned from the eMERGE network. Journal of Biomedical Informatics, 2019, 99, 103293.	2.5	27
20	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.	0.6	23
21	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.	2.2	22
22	International Changes in COVID-19 Clinical Trajectories Across 315 Hospitals and 6 Countries: Retrospective Cohort Study. Journal of Medical Internet Research, 2021, 23, e31400.	2.1	19
23	Taking advantage of continuity of care documents to populate a research repository. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 370-379.	2.2	18
24	Healthcare Process Modeling to Phenotype Clinician Behaviors for Exploiting the Signal Gain of Clinical Expertise (HPM-ExpertSignals): Development and evaluation of a conceptual framework. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1242-1251.	2.2	18
25	Exploring completeness in clinical data research networks with DQe-c. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 17-24.	2.2	17
26	Claimsâ€Based Algorithms for Identifying Patients With Pulmonary Hypertension: A Comparison of Decision Rules and Machineâ€Learning Approaches. Journal of the American Heart Association, 2020, 9, e016648.	1.6	17
27	International electronic health record-derived post-acute sequelae profiles of COVID-19 patients. Npj Digital Medicine, 2022, 5, .	5.7	17
28	An intelligent listening framework for capturing encounter notes from a doctor-patient dialog. BMC Medical Informatics and Decision Making, 2009, 9, S3.	1.5	16
29	Computing Health Quality Measures Using Informatics for Integrating Biology and the Bedside. Journal of Medical Internet Research, 2013, 15, e75.	2.1	16
30	A federated EHR network data completeness tracking system. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 637-645.	2.2	15
31	An objective framework for evaluating unrecognized bias in medical AI models predicting COVID-19 outcomes. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1334-1341.	2.2	12
32	Development of a Coronavirus Disease 2019 (COVID-19) Application Ontology for the Accrual to Clinical Trials (ACT) network. JAMIA Open, 2021, 4, ooab036.	1.0	11
33	Multinational characterization of neurological phenotypes in patients hospitalized with COVID-19. Scientific Reports, 2021, 11, 20238.	1.6	10
34	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
35	International comparisons of laboratory values from the 4CE collaborative to predict COVID-19 mortality. Npj Digital Medicine, 2022, 5, .	5.7	7
36	Identifying nursing documentation patterns associated with patient deterioration and recovery from deterioration in critical and acute care settings. International Journal of Medical Informatics, 2021, 153, 104525.	1.6	6

#	Article	IF	Citations
37	The Ad-Hoc Uncertainty Principle of Patient Privacy. AMIA Summits on Translational Science Proceedings, 2018, 2017, 132-138.	0.4	4
38	The Communicating Narrative Concerns Entered by Registered Nurses (CONCERN) Clinical Decision Support Early Warning System: Protocol for a Cluster Randomized Pragmatic Clinical Trial. JMIR Research Protocols, 2021, 10, e30238.	0.5	3
39	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.	1.5	1
40	Supporting Multi-sourced Medication Information in i2b2. AMIA ... Annual Symposium proceedings, 2015, 2015, 747-55.	0.2	0
41	Supporting the Health Quality Measures Format in i2b2. AMIA Summits on Translational Science Proceedings, 2013, 2013, 124.	0.4	0