

# Hossein Estiri

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,154  
citations

623734

14  
h-index

454955

30  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1548  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Harmonized Data Quality Assessment Terminology and Framework for the Secondary Use of Electronic Health Record Data. EGEMS (Washington, DC), 2017, 4, 18.	2.0	274
2	Predicting COVID-19 mortality with electronic medical records. Npj Digital Medicine, 2021, 4, 15.	10.9	89
3	Evolving phenotypes of non-hospitalized patients that indicate long COVID. BMC Medicine, 2021, 19, 249.	5.5	87
4	Building and household X-factors and energy consumption at the residential sector. Energy Economics, 2014, 43, 178-184.	12.1	86
5	Age matters: Ageing and household energy demand in the United States. Energy Research and Social Science, 2019, 55, 62-70.	6.4	74
6	A structural equation model of energy consumption in the United States: Untangling the complexity of per-capita residential energy use. Energy Research and Social Science, 2015, 6, 109-120.	6.4	43
7	Individualized prediction of COVID-19 adverse outcomes with MLHO. Scientific Reports, 2021, 11, 5322.	3.3	38
8	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.	4.4	37
9	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
10	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.	4.3	33
11	The indirect role of households in shaping US residential energy demand patterns. Energy Policy, 2015, 86, 585-594.	8.8	28
12	Transitive Sequencing Medical Records for Mining Predictive and Interpretable Temporal Representations. Patterns, 2020, 1, 100051.	5.9	21
13	International Changes in COVID-19 Clinical Trajectories Across 315 Hospitals and 6 Countries: Retrospective Cohort Study. Journal of Medical Internet Research, 2021, 23, e31400.	4.3	19
14	High-throughput phenotyping with temporal sequences. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 772-781.	4.4	19
15	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
16	International electronic health record-derived post-acute sequelae profiles of COVID-19 patients. Npj Digital Medicine, 2022, 5, .	10.9	17
17	Semi-supervised encoding for outlier detection in clinical observation data. Computer Methods and Programs in Biomedicine, 2019, 181, 104830.	4.7	16
18	A federated EHR network data completeness tracking system. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 637-645.	4.4	15

#	ARTICLE	IF	CITATIONS
19	Generative transfer learning for measuring plausibility of EHR diagnosis records. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 559-568.	4.4	15
20	Extracting Electronic Health Record Data in a Practice-Based Research Network: Lessons Learned from Collaborations with Translational Researchers. EGEMS (Washington, DC), 2017, 4, 4.	2.0	13
21	Polar labeling: silver standard algorithm for training disease classifiers. Bioinformatics, 2020, 36, 3200-3206.	4.1	12
22	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.	4.4	12
23	DQe-v: A Database-Agnostic Framework for Exploring Variability in Electronic Health Record Data Across Time and Site Location. EGEMS (Washington, DC), 2017, 5, 3.	2.0	11
24	Phasic metropolitan settlers: a phase-based model for the distribution of households in US metropolitan regions. Urban Geography, 2015, 36, 777-794.	3.0	10
25	Implementing partnership-driven clinical federated electronic health record data sharing networks. International Journal of Medical Informatics, 2016, 93, 26-33.	3.3	10
26	Household Energy Consumption and Housing Choice in the U.S. Residential Sector. Housing Policy Debate, 2016, 26, 231-250.	2.8	9
27	kluster: An Efficient Scalable Procedure for Approximating the Number of Clusters in Unsupervised Learning. Big Data Research, 2018, 13, 38-51.	4.2	9
28	Differences in Residential Energy Use between US City and Suburban Households. Regional Studies, 2016, 50, 1919-1930.	4.4	8
29	Informatics can help providers incorporate context into care. JAMIA Open, 2018, 1, 3-6.	2.0	6
30	A Cohort Location Model of household sorting in US metropolitan regions. Urban Studies, 2018, 55, 71-90.	3.7	4
31	Different Regions, Differences in Energy Consumption: Do Regions Account for the Variability in Household Energy Consumption?. SSRN Electronic Journal, 0, , .	0.4	4
32	Changes in laboratory value improvement and mortality rates over the course of the pandemic: an international retrospective cohort study of hospitalised patients infected with SARS-CoV-2. BMJ Open, 2022, 12, e057725.	1.9	4
33	Energy Planning in a Big Data Era: A Theme Study of the Residential Sector. Springer Geography, 2017, , 219-230.	0.4	3
34	Visualizing Anomalies in Electronic Health Record Data: The Variability Explorer Tool. AMIA Summits on Translational Science Proceedings, 2015, 2015, 56-60.	0.4	3
35	Why & How Families Move: Residential Mobility and Housing Consumption Behaviors, Restructured. SSRN Electronic Journal, 0, , .	0.4	2
36	Energy Transformation in Cities. , 0, , 443-490.		2

#	ARTICLE	IF	CITATIONS
37	Residential Energy Use and the City-Suburb Dichotomy. SSRN Electronic Journal, 0, , .	0.4	2
38	Examining Researcher Needs and Barriers for using Electronic Health Data for Translational Research. AMIA Summits on Translational Science Proceedings, 2015, 2015, 168-72.	0.4	2
39	Applying a Participatory Design Approach to Define Objectives and Properties of a "Data Profiling" Tool for Electronic Health Data. AMIA Summits on Translational Science Proceedings, 2016, 2016, 60-7.	0.4	2
40	Residential Energy (and Water) Expenditure and the City-Suburb Dichotomy; A Case Study of the Puget Sound Region, WA. SSRN Electronic Journal, 2012, , .	0.4	0
41	A Pure Theory of Metropolitan Redistribution Patterns: Modifications Upon Tiebout's Model. SSRN Electronic Journal, 0, , .	0.4	0
42	Suburbanization, the Spread of Suburban Culture: A Residential Mobility Approach to the Post-WW II Suburban Types in American Metropolis. SSRN Electronic Journal, 0, , .	0.4	0
43	Metropolitan Areas, Climate Change, and Mobility Behaviors: Impacts and Feedbacks. SSRN Electronic Journal, 0, , .	0.4	0
44	21 Percent: The Role of Socioeconomics and Housing Characteristics on CO2 Emissions from the U.S. Residential Sector. SSRN Electronic Journal, 0, , .	0.4	0
45	Lifecycle, Housing Consumption, and Spatial Distribution of Households across Metropolitan Regions: Evidence from Five U.S. Metropolitan Statistical Areas. SSRN Electronic Journal, 0, , .	0.4	0
46	Reply to: COVID-19 vaccination in IMiD patients receiving rituximab: a personalized regimen should be formulated. Journal of the American Academy of Dermatology, 2022, , .	1.2	0