

Hadi Kharrazi

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

3,150
citations

172457
29
h-index

206112
48
g-index

135
all docs

135
docs citations

135
times ranked

3902
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Characterization and Prediction of Clinical Severity of SARS-CoV-2 Infection Among US Adults Using Data From the US National COVID Cohort Collaborative. JAMA Network Open, 2021, 4, e2116901.	5.9	179
2	Measure once, cut twice—adding patient-reported outcome measures to the electronic health record for comparative effectiveness research. Journal of Clinical Epidemiology, 2013, 66, S12-S20.	5.0	167
3	Mobile personal health records: An evaluation of features and functionality. International Journal of Medical Informatics, 2012, 81, 579-593.	3.3	123
4	Facilitators and Barriers to Adopting Robotic-Assisted Surgery: Contextualizing the Unified Theory of Acceptance and Use of Technology. PLoS ONE, 2011, 6, e16395.	2.5	113
5	A Scoping Review of Health Game Research: Past, Present, and Future. Games for Health Journal, 2012, 1, 153-164.	2.0	108
6	A Systematic Review of Health Videogames on Childhood Obesity Prevention and Intervention. Games for Health Journal, 2013, 2, 131-141.	2.0	107
7	Characterizing diabetes, diet, exercise, and obesity comments on Twitter. International Journal of Information Management, 2018, 38, 1-6.	17.5	102
8	Public and Population Health Informatics: The Bridging of Big Data to Benefit Communities. Yearbook of Medical Informatics, 2018, 27, 199-206.	1.0	85
9	The Value of Unstructured Electronic Health Record Data in Geriatric Syndrome Case Identification. Journal of the American Geriatrics Society, 2018, 66, 1499-1507.	2.6	85
10	Assessing the Availability of Data on Social and Behavioral Determinants in Structured and Unstructured Electronic Health Records: A Retrospective Analysis of a Multilevel Health Care System. JMIR Medical Informatics, 2019, 7, e13802.	2.6	81
11	Healthcare costs and utilization associated with high-risk prescription opioid use: a retrospective cohort study. BMC Medicine, 2018, 16, 69.	5.5	77
12	Comparing Population-based Risk-stratification Model Performance Using Demographic, Diagnosis and Medication Data Extracted From Outpatient Electronic Health Records Versus Administrative Claims. Medical Care, 2017, 55, 789-796.	2.4	76
13	A State-of-the-Art Systematic Content Analysis of Games for Health. Games for Health Journal, 2018, 7, 1-15.	2.0	75
14	Health Education Serious Games Targeting Health Care Providers, Patients, and Public Health Users: Scoping Review. JMIR Serious Games, 2020, 8, e13459.	3.1	69
15	Forecasting the Maturation of Electronic Health Record Functions Among US Hospitals: Retrospective Analysis and Predictive Model. Journal of Medical Internet Research, 2018, 20, e10458.	4.3	66
16	Assessing the Impact of Neighborhood Socioeconomic Characteristics on COVID-19 Prevalence Across Seven States in the United States. Frontiers in Public Health, 2020, 8, 571808.	2.7	64
17	Fuzzy Approach Topic Discovery in Health and Medical Corpora. International Journal of Fuzzy Systems, 2018, 20, 1334-1345.	4.0	62
18	Comparing clinician descriptions of frailty and geriatric syndromes using electronic health records: a retrospective cohort study. BMC Geriatrics, 2017, 17, 248.	2.7	61

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19	Assessing the Impact of Social Needs and Social Determinants of Health on Health Care Utilization: Using Patient- and Community-Level Data. <i>Population Health Management</i> , 2021, 24, 222-230.	1.7	50
20	Prospective EHR-Based Clinical Trials: The Challenge of Missing Data. <i>Journal of General Internal Medicine</i> , 2014, 29, 976-978.	2.6	48
21	A public health perspective on using electronic health records to address social determinants of health: The potential for a national system of local community health records in the United States. <i>International Journal of Medical Informatics</i> , 2019, 124, 86-89.	3.3	42
22	Exploring the use of machine learning for risk adjustment: A comparison of standard and penalized linear regression models in predicting health care costs in older adults. <i>PLoS ONE</i> , 2019, 14, e0213258.	2.5	42
23	Barriers and Facilitators to Clinical Decision Support Systems Adoption: A Systematic Review. <i>Journal of Business Administration Research</i> , 2014, 3, .	0.1	41
24	The Impact of Social Determinants of Health on Hospitalization in the Veterans Health Administration. <i>American Journal of Preventive Medicine</i> , 2019, 56, 811-818.	3.0	41
25	Defining and Assessing Geriatric Risk Factors and Associated Health Care Utilization Among Older Adults Using Claims and Electronic Health Records. <i>Medical Care</i> , 2018, 56, 233-239.	2.4	40
26	Toward Monitoring and Increasing Exercise Adherence in Older Adults by Robotic Intervention: A Proof of Concept Study. <i>Journal of Robotics</i> , 2011, 2011, 1-11.	0.9	36
27	Evaluating the Impact of Prescription Fill Rates on Risk Stratification Model Performance. <i>Medical Care</i> , 2017, 55, 1052-1060.	2.4	36
28	Effectiveness of Policies and Programs to Combat Adult Obesity: a Systematic Review. <i>Journal of General Internal Medicine</i> , 2018, 33, 1990-2001.	2.6	36
29	Extending the Use of Games in Health Care. , 2006, , .		35
30	A systematic approach for developing a corpus of patient reported adverse drug events: A case study for SSRI and SNRI medications. <i>Journal of Biomedical Informatics</i> , 2019, 90, 103091.	4.3	30
31	A bias evaluation checklist for predictive models and its pilot application for 30-day hospital readmission models. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 1323-1333.	4.4	30
32	Electronic medical record reminders and smoking cessation activities in primary care. <i>Addictive Behaviors</i> , 2018, 77, 203-209.	3.0	29
33	A Population Health Measurement Framework: Evidence-Based Metrics for Assessing Community-Level Population Health in the Global Budget Context. <i>Population Health Management</i> , 2018, 21, 261-270.	1.7	28
34	Integrating social and behavioral determinants of health into patient care and population health at Veterans Health Administration: a conceptual framework and an assessment of available individual and population level data sources and evidence-based measurements. <i>AIMS Public Health</i> , 2019, 6, 209-224.	2.6	27
35	Feasibility of 30-day hospital readmission prediction modeling based on health information exchange data. <i>International Journal of Medical Informatics</i> , 2015, 84, 1048-1056.	3.3	26
36	Assessing the Impact of Body Mass Index Information on the Performance of Risk Adjustment Models in Predicting Health Care Costs and Utilization. <i>Medical Care</i> , 2018, 56, 1042-1050.	2.4	26

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37	Healthcare Game Design: Behavioral Modeling of Serious Gaming Design for Children with Chronic Diseases. Lecture Notes in Computer Science, 2009, , 335-344.	1.3	26
38	The PsyTAR dataset: From patients generated narratives to a corpus of adverse drug events and effectiveness of psychiatric medications. Data in Brief, 2019, 24, 103838.	1.0	25
39	IT-enabled Community Health Interventions: Challenges, Opportunities, and Future Directions. EGEMS (Washington, DC), 2017, 2, 1.	2.0	25
40	Extraction of Geriatric Syndromes From Electronic Health Record Clinical Notes: Assessment of Statistical Natural Language Processing Methods. JMIR Medical Informatics, 2019, 7, e13039.	2.6	25
41	Public Health and Epidemiology Informatics: Recent Research and Trends in the United States. Yearbook of Medical Informatics, 2015, 24, 199-206.	1.0	24
42	Evaluation of multidisciplinary collaboration in pediatric trauma care using EHR data. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 506-515.	4.4	23
43	Differential impact of mitigation policies and socioeconomic status on COVID-19 prevalence and social distancing in the United States. BMC Public Health, 2021, 21, 1140.	2.9	23
44	FLATM: A fuzzy logic approach topic model for medical documents. , 2015, , .		22
45	A Practical Comparison Between the Predictive Power of Population-based Risk Stratification Models Using Data From Electronic Health Records Versus Administrative Claims: Setting a Baseline for Future EHR-derived Risk Stratification Models. Medical Care, 2018, 56, 202-203.	2.4	22
46	Identifying vulnerable older adult populations by contextualizing geriatric syndrome information in clinical notes of electronic health records. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 787-795.	4.4	21
47	Impact of Area Deprivation Index on the Performance of Claims-Based Risk-Adjustment Models in Predicting Health Care Costs and Utilization. Population Health Management, 2021, 24, 403-411.	1.7	21
48	What's Past is Prologue: A Scoping Review of Recent Public and Global Health Informatics Literature. Online Journal of Public Health Informatics, 2015, 7, e216.	0.7	20
49	Assessing markers from ambulatory laboratory tests for predicting high-risk patients. American Journal of Managed Care, 2018, 24, e190-e195.	1.1	19
50	Methods for Evaluating Natural Experiments in Obesity. Annals of Internal Medicine, 2018, 168, 791-800.	3.9	18
51	Discovering the Unclassified Suicide Cases Among Undetermined Drug Overdose Deaths Using Machine Learning Techniques. Suicide and Life-Threatening Behavior, 2020, 50, 333-344.	1.9	18
52	A State-wide Health IT Infrastructure for Population Health: Building a Community-wide Electronic Platform for Maryland's All-Payer Global Budget. Online Journal of Public Health Informatics, 2017, 9, e195.	0.7	18
53	Including Social and Behavioral Determinants in Predictive Models: Trends, Challenges, and Opportunities. JMIR Medical Informatics, 2020, 8, e18084.	2.6	17
54	Comparing the Trends of Electronic Health Record Adoption Among Hospitals of the United States and Japan. Journal of Medical Systems, 2019, 43, 224.	3.6	15

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55	The Association Between Neighborhood Socioeconomic and Housing Characteristics with Hospitalization: Results of a National Study of Veterans. <i>Journal of the American Board of Family Medicine</i> , 2019, 32, 890-903.	1.5	15
56	Has Choosing Wisely® affected rates of dual-energy X-ray absorptiometry use?. <i>Osteoporosis International</i> , 2016, 27, 2311-2316.	3.1	14
57	Helping Older Adults Improve Their Medication Experience (HOME) by Addressing Medication Regimen Complexity in Home Healthcare. <i>Home Healthcare Now</i> , 2018, 36, 10-19.	0.2	14
58	Assessing the association between area deprivation index on COVID-19 prevalence: a contrast between rural and urban U.S. jurisdictions. <i>AIMS Public Health</i> , 2021, 8, 519-530.	2.6	14
59	Clinical, social, and policy factors in COVID-19 cases and deaths: methodological considerations for feature selection and modeling in county-level analyses. <i>BMC Public Health</i> , 2022, 22, 747.	2.9	14
60	Social and Behavioral Variables in the Electronic Health Record: A Path Forward to Increase Data Quality and Utility. <i>Academic Medicine</i> , 2021, 96, 1050-1056.	1.6	13
61	Comparing the predictive value of screening to the use of electronic health record data for detecting future suicidal thoughts and behavior in an urban pediatric emergency department: A preliminary analysis. <i>Suicide and Life-Threatening Behavior</i> , 2021, 51, 1189-1202.	1.9	13
62	Development and assessment of a natural language processing model to identify residential instability in electronic health records™ unstructured data: a comparison of 3 integrated healthcare delivery systems. <i>JAMIA Open</i> , 2022, 5, ooac006.	2.0	12
63	Data Linkage Strategies to Advance Youth Suicide Prevention: A Systematic Review for a National Institutes of Health Pathways to Prevention Workshop. <i>Annals of Internal Medicine</i> , 2016, 165, 779.	3.9	10
64	The study of effect moderation in youth suicide-prevention studies. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2018, 53, 1303-1310.	3.1	10
65	Characterizing inpatient hospitalizations for hidradenitis suppurativa in the United States. <i>Journal of the American Academy of Dermatology</i> , 2020, 82, 510-513.	1.2	10
66	Assessing the Population-Level Correlation of Medication Regimen Complexity and Adherence Indices Using Electronic Health Records and Insurance Claims. <i>Journal of Managed Care & Specialty Pharmacy</i> , 2020, 26, 860-871.	0.9	10
67	Factors associated with physicians'™ prescriptions for rheumatoid arthritis drugs not filled by patients. <i>Arthritis Research and Therapy</i> , 2018, 20, 79.	3.5	9
68	Early relaxation of community mitigation policies and risk of COVID-19 resurgence in the United States. <i>Preventive Medicine</i> , 2021, 145, 106435.	3.4	9
69	Analysis of Social Media Discussions on (#)Diet by Blue, Red, and Swing States in the U.S.. <i>Healthcare (Switzerland)</i> , 2021, 9, 518.	2.0	9
70	Integrating E-Prescribing and Pharmacy Claims Data for Predictive Modeling: Comparing Costs and Utilization of Health Plan Members Who Fill Their Initial Medications with Those Who Do Not. <i>Journal of Managed Care & Specialty Pharmacy</i> , 2020, 26, 1282-1290.	0.9	9
71	Comparing the Predictive Effects of Patient Medication Adherence Indices in Electronic Health Record and Claims-Based Risk Stratification Models. <i>Population Health Management</i> , 2021, 24, 601-609.	1.7	8
72	Electronic Health Record-Based Risk Stratification: A Potential Key Ingredient to Achieving Value-Based Care. <i>Population Health Management</i> , 2021, 24, 654-656.	1.7	8

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73	Patient Safety in Primary Care: Conceptual Meanings to the Health Care Team and Patients. Journal of the American Board of Family Medicine, 2020, 33, 754-764.	1.5	8
74	Linking Electronic Health Record and Trauma Registry Data: Assessing the Value of Probabilistic Linkage. Methods of Information in Medicine, 2018, 57, 261-269.	1.2	7
75	Healthcare Costs and Utilization among Patients Hospitalized for Malignant Pleural Effusion. Respiration, 2020, 99, 257-263.	2.6	7
76	An exploratory data quality analysis of time series physiologic signals using a large-scale intensive care unit database. JAMIA Open, 2021, 4, ooab057.	2.0	7
77	Identifying the Underlying Factors Associated With Patients's Attitudes Toward Antidepressants: Qualitative and Quantitative Analysis of Patient Drug Reviews. JMIR Mental Health, 2018, 5, e10726.	3.3	7
78	Improving healthy behaviors in type 1 diabetic patients by interactive frameworks. AMIA ... Annual Symposium proceedings, 2009, 2009, 322-6.	0.2	7
79	Impact of Social Needs in Electronic Health Records and Claims on Health Care Utilization and Costs Risk-Adjustment Models Within Medicaid Population. Population Health Management, 2022, 25, 658-668.	1.7	7
80	Seasonal characterization of diet discussions on Reddit. Proceedings of the Association for Information Science and Technology, 2020, 57, e320.	0.6	6
81	Measuring the Value of a Practical Text Mining Approach to Identify Patients With Housing Issues in the Free-Text Notes in Electronic Health Record: Findings of a Retrospective Cohort Study. Frontiers in Public Health, 2021, 9, 697501.	2.7	6
82	Role of Informatics in Bridging Public and Population Health. Computers in Health Care, 2020, , 59-79.	0.3	6
83	Methods and Risks of Bias in Natural Experiments in Obesity: Opportunities for the Future Informed by a Systematic Review. Obesity, 2019, 27, 1950-1957.	3.0	5
84	Diabetes Education and Serious Gaming: Teaching Adolescents to Cope with Diabetes. , 2010, , 151-178.		5
85	Assessing the geographical distribution of comorbidity among commercially insured individuals in South Africa. BMC Public Health, 2020, 20, 1709.	2.9	4
86	Internet Access, Social Risk Factors, and Web-Based Social Support Seeking Behavior: Assessing Correlates of the "Digital Divide" Across Neighborhoods in The State of Maryland. Journal of Medical Systems, 2021, 45, 94.	3.6	4
87	Examining Diurnal Differences in Multidisciplinary Care Teams at a Pediatric Trauma Center Using Electronic Health Record Data: Social Network Analysis. Journal of Medical Internet Research, 2022, 24, e30351.	4.3	4
88	Incidence and Geographic Distribution of Injuries Due to Falls Among Pediatric Communities of Maryland. Pediatric Emergency Care, 2021, 37, e736-e745.	0.9	3
89	Potential value of electronic health records in capturing data on geriatric frailty for population health. Archives of Gerontology and Geriatrics, 2020, 91, 104224.	3.0	3
90	Behavioral Intentions to Use Patient Portals to Disclose HIV and Other Sexually Transmitted Infection Testing Histories with Sexual Partners Among U.S. Sexual Minority Men. AIDS and Behavior, 2021, 25, 1199-1209.	2.7	3

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91	Using the Patient Portal Sexual Health Instrument in Surveys and Patient Questionnaires Among Sexual Minority Men in the United States: Cross-sectional Psychometric Validation Study. Journal of Medical Internet Research, 2021, 23, e18750.	4.3	3
92	A double-edged sword: The effects of social network ties on job satisfaction in primary care organizations. Health Care Management Review, 2022, 47, 180-187.	1.4	3
93	Association of Implementation and Social Network Factors With Patient Safety Culture in Medical Homes. Journal of Patient Safety, 2020, Publish Ahead of Print, .	1.7	3
94	Games for Children with Long-Term Health Problems. , 0, , 286-301.		3
95	Assessment of structured data elements for social risk factors. American Journal of Managed Care, 2022, 28, e14-e23.	1.1	3
96	Comparing person-level matching algorithms to identify risk across disparate datasets among patients with a controlled substance prescription: retrospective analysis. JAMIA Open, 2022, 5, ooac020.	2.0	3
97	Comparing and validating medication complexity from insurance claims against electronic health records. Journal of Managed Care & Specialty Pharmacy, 2022, 28, 473-484.	0.9	3
98	Impact of social determinants of health on improving the LACE index for 30-day unplanned readmission prediction. JAMIA Open, 2022, 5, .	2.0	3
99	Performance of a Predictive Model versus Prescription-Based Thresholds in Identifying Patients at Risk of Fatal Opioid Overdose. Substance Use and Misuse, 2021, 56, 396-403.	1.4	2
100	Assessing the Value of Unsupervised Clustering in Predicting Persistent High Health Care Utilizers: Retrospective Analysis of Insurance Claims Data. JMIR Medical Informatics, 2021, 9, e31442.	2.6	2
101	Development of measurable criteria to identify and prioritize patients for inclusion in comprehensive medication management programs within primary care settings. Journal of Managed Care & Specialty Pharmacy, 2021, 27, 1009-1018.	0.9	2
102	Data Linkage Strategies to Advance Youth Suicide Prevention. , 2016, , 1-70.		2
103	A Novel Visualization Tool for Evaluating Medication Side-Effects in Multi-drug Regimens. Lecture Notes in Computer Science, 2009, , 478-487.	1.3	2
104	Towards A Task Taxonomy of Visual Analysis of Electronic Health or Medical Record Data. , 2018, , .		1
105	A method for measuring the effect of certified electronic health record technology on childhood immunization status scores among Medicaid managed care network providers. Journal of Biomedical Informatics, 2020, 110, 103567.	4.3	1
106	Increasing Physical Activity by Implementing a Behavioral Change Intervention Using Pervasive Personal Health Record System: An Exploratory Study. Lecture Notes in Computer Science, 2011, , 366-375.	1.3	1
107	Patient Safety in Primary Care: Conceptual Meanings to the Health Care Team and Patients. Journal of the American Board of Family Medicine, 2020, 33, 754-764.	1.5	1
108	Assessing the Added Value of Blood Pressure Information Derived from Electronic Health Records in Predicting Health Care Cost and Utilization. Population Health Management, 2021, , .	1.7	1

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109	Challenges and Strategies for Patient Safety in Primary Care: A Qualitative Study. American Journal of Medical Quality, 2022, Publish Ahead of Print, .	0.5	1
110	Play and Learn for Surgeons: A Serious Game to Educate Medical Residents in Uterine Artery Ligation Surgery. Games for Health Journal, 2021, 10, 220-227.	2.0	1
111	Health Care Costs and Utilization Associated with High Risk Prescription Opioid use. Value in Health, 2018, 21, S123.	0.3	0
112	Response to authors of “Barriers to hospital electronic public health reporting and implications for the COVID-19 pandemic”. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1821-1822.	4.4	0
113	A scoping review of knowledge authoring tools used for developing computerized clinical decision support systems. JAMIA Open, 2021, 4, ooab106.	2.0	0
114	Effects of data transformation methods on classification of patients diagnosed with myocardial infarction. Studies in Health Technology and Informatics, 2013, 192, 1203.	0.3	0
115	Ineligibility for and Refusal to Participate in Randomized Controlled Trials That Have Studied Impact on Suicide-Related Outcomes in the United States. Journal of Clinical Psychiatry, 2022, 83, .	2.2	0
116	Improving the Prediction of Persistent High Health Care Utilizers: Retrospective Analysis Using Ensemble Methodology. JMIR Medical Informatics, 2022, 10, e33212.	2.6	0
117	Claims-based pharmacy markers for comprehensive medication management program case identification: Validation against concurrent and prospective healthcare costs and utilization. Research in Social and Administrative Pharmacy, 2022, , .	3.0	0