Kenneth D Mandl

List of Publications by Year
in descending order

262 papers	13,956 citations	16451 64 h-index	28297 105 g-index
279 all docs	279 docs citations	279 times ranked	16522 citing authors

#	Article	IF	Citations
1	SMART on FHIR: a standards-based, interoperable apps platform for electronic health records. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 899-908.	4.4	491
2	HealthMap: Global Infectious Disease Monitoring through Automated Classification and Visualization of Internet Media Reports. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 150-157.	4.4	377
3	Implementing Syndromic Surveillance: A Practical Guide Informed by the Early Experience. Journal of the American Medical Informatics Association: JAMIA, 2003, 11, 141-150.	4.4	325
4	Outcome Reporting Among Drug Trials Registered in ClinicalTrials.gov. Annals of Internal Medicine, 2010, 153, 158.	3.9	299
5	Surveillance Sans FrontiÃ¨res: Internet-Based Emerging Infectious Disease Intelligence and the HealthMap Project. PLoS Medicine, 2008, 5, e151.	8.4	298
6	Early Experiences with Personal Health Records. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 1-7.	4.4	291
7	Availability and quality of mobile health app privacy policies. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, e28-e33.	4.4	280
8	Ultrasonography and Limited Computed Tomography in the Diagnosis and Management of Appendicitis in Children. JAMA - Journal of the American Medical Association, 1999, 282, 1041.	7.4	276
9	Adverse drug events in the outpatient setting: an 11â€year national analysis. Pharmacoepidemiology and Drug Safety, 2010, 19, 901-910.	1.9	260
10	Finding the Missing Link for Big Biomedical Data. JAMA - Journal of the American Medical Association, 2014, 311, 2479-80.	7.4	259
11	Public standards and patients' control: how to keep electronic medical records accessible but private Commentary: Open approaches to electronic patient records Commentary: A patient's viewpoint. BMJ: British Medical Journal, 2001, 322, 283-287.	2.3	240
12	Empirical Evidence for the Effect of Airline Travel on Inter-Regional Influenza Spread in the United States. PLoS Medicine, 2006, 3, e401.	8.4	221
13	Associations Between Exposure to and Expression of Negative Opinions About Human Papillomavirus Vaccines on Social Media: An Observational Study. Journal of Medical Internet Research, 2015, 17, e144.	4.3	200
14	Repurposing with a Difference. Science, 2009, 324, 1394-1395.	12.6	199
15	Mapping information exposure on social media to explain differences in HPV vaccine coverage in the United States. Vaccine, 2017, 35, 3033-3040.	3.8	195
16	Time series modeling for syndromic surveillance. BMC Medical Informatics and Decision Making, 2003, 3, 2.	3.0	192
17	Electronic Patient-Physician Communication: Problems and Promise. Annals of Internal Medicine, 1998, 129, 495.	3.9	185
18	Digitizing clinical trials. Npj Digital Medicine, 2020, 3, 101.	10.9	181

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19	Developing and adopting safe and effective digital biomarkers to improve patient outcomes. Npj Digital Medicine, 2019, 2, .	10.9	170
20	Use of Unstructured Event-Based Reports for Global Infectious Disease Surveillance. Emerging Infectious Diseases, 2009, 15, 689-695.	4.3	161
21	Population-Level Evidence for an Autoimmune Etiology of Epilepsy. JAMA Neurology, 2014, 71, 569.	9.0	152
22	Escaping the EHR Trap â€" The Future of Health IT. New England Journal of Medicine, 2012, 366, 2240-2242.	27.0	144
23	Early in the epidemic: impact of preprints on global discourse about COVID-19 transmissibility. The Lancet Global Health, 2020, 8, e627-e630.	6.3	143
24	Machine intelligence in healthcareâ€"perspectives on trustworthiness, explainability, usability, and transparency. Npj Digital Medicine, 2020, 3, 47.	10.9	142
25	The SMART Platform: early experience enabling substitutable applications for electronic health records. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 597-603.	4.4	141
26	Identifying Pediatric Age Groups for Influenza Vaccination Using a Real-Time Regional Surveillance System. American Journal of Epidemiology, 2005, 162, 686-693.	3.4	138
27	Tectonic Shifts in the Health Information Economy. New England Journal of Medicine, 2008, 358, 1732-1737.	27.0	136
28	Artificial Intelligence and the Future of Primary Care: Exploratory Qualitative Study of UK General Practitionersâ€™ Views. Journal of Medical Internet Research, 2019, 21, e12802.	4.3	133
29	Roundtable on Bioterrorism Detection: Information System-based Surveillance. Journal of the American Medical Informatics Association: JAMIA, 2002, 9, 105-115.	4.4	128
30	International electronic health record-derived COVID-19 clinical course profiles: the 4CE consortium. Npj Digital Medicine, 2020, 3, 109.	10.9	128
31	No Small Change for the Health Information Economy. New England Journal of Medicine, 2009, 360, 1278-1281.	27.0	124
32	Sharing Medical Data for Health Research: The Early Personal Health Record Experience. Journal of Medical Internet Research, 2010, 12, e14.	4.3	119
33	Conflict of interest disclosure in biomedical research: a review of current practices, biases, and the role of public registries in improving transparency. Research Integrity and Peer Review, 2016, 1, .	5.2	118
34	Pediatric Versus Adult Drug Trials for Conditions With High Pediatric Disease Burden. Pediatrics, 2012, 130, 285-292.	2.1	115
35	MEDICINE: Reestablishing the Researcher-Patient Compact. Science, 2007, 316, 836-837.	12.6	114
36	Effect of an Imaging Protocol on Clinical Outcomes Among Pediatric Patients With Appendicitis. Pediatrics, 2002, 110, 1088-1093.	2.1	113

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37	Driving Innovation in Health Systems through an Apps-Based Information Economy. Cell Systems, 2015, 1, 8-13.	6.2	113
38	Effect of Computed Tomography on Patient Management and Costs in Children With Suspected Appendicitis. Pediatrics, 1999, 104, 440-446.	2.1	108
39	The role of environmental factors on transmission rates of the COVID-19 outbreak: an initial assessment in two spatial scales. Scientific Reports, 2020, 10, 17002.	3.3	108
40	Using temporal context to improve biosurveillance. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1961-1965.	7.1	106
41	Indivo: a personally controlled health record for health information exchange and communication. BMC Medical Informatics and Decision Making, 2007, 7, 25.	3.0	102
42	National Expenditure For False-Positive Mammograms And Breast Cancer Overdiagnoses Estimated At $4Billion A Year. Health Affairs, 2015, 34, 576-583.	5.2	102
43	Sensitivity of a clinical examination to predict need for radiography in children with ankle injuries: a prospective study. Lancet, The, 2001, 358, 2118-2121.	13.7	94
44	Effects on Breastfeeding of Changes in Maternity Length-of-Stay Policy in a Large Health Maintenance Organization. Pediatrics, 2003, 111, 519-524.	2.1	94
45	Selective Imaging Strategies for the Diagnosis of Appendicitis in Children. Pediatrics, 2004, 113, 24-28.	2.1	93
46	Whose Personal Control? Creating Private, Personally Controlled Health Records for Pediatric and Adolescent Patients. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 737-743.	4.4	92
47	Acceptability of a Personally Controlled Health Record in a Community-Based Setting: Implications for Policy and Design. Journal of Medical Internet Research, 2009, 11, e14.	4.3	92
48	Costs and Effectiveness of Ultrasonography and Limited Computed Tomography for Diagnosing Appendicitis in Children. Pediatrics, 2000, 106, 672-676.	2.1	91
49	Privacy Protection Versus Cluster Detection in Spatial Epidemiology. American Journal of Public Health, 2006, 96, 2002-2008.	2.7	90
50	Effects of a Law against Early Postpartum Discharge on Newborn Follow-up, Adverse Events, and HMO Expenditures. New England Journal of Medicine, 2002, 347, 2031-2038.	27.0	87
51	Influenza and Other Respiratory Virus-Related Emergency Department Visits Among Young Children. Pediatrics, 2006, 118, e1-e8.	2.1	83
52	Social but safe? Quality and safety of diabetes-related online social networks. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 292-297.	4.4	83
53	Willingness to share personal health record data for care improvement and public health: a survey of experienced personal health record users. BMC Medical Informatics and Decision Making, 2012, 12, 39.	3.0	82
54	A Context-sensitive Approach to Anonymizing Spatial Surveillance Data: Impact on Outbreak Detection. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 160-165.	4.4	81

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55	Incidence of bacteremia in infants and children with fever and petechiae. Journal of Pediatrics, 1997, 131, 398-404.	1.8	80
56	Disclosing pathogenic genetic variants to research participants: Quantifying an emerging ethical responsibility. Genome Research, 2012, 22, 421-428.	5.5	79
57	A Recurrent Missense Variant in AP2M1 Impairs Clathrin-Mediated Endocytosis and Causes Developmental and Epileptic Encephalopathy. American Journal of Human Genetics, 2019, 104, 1060-1072.	6.2	78
58	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
59	Pediatric Adverse Drug Events in the Outpatient Setting: An 11-Year National Analysis. Pediatrics, 2009, 124, e744-e750.	2.1	75
60	Are Meaningful Use Stage 2 certified EHRs ready for interoperability? Findings from the SMART C-CDA Collaborative. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 1060-1068.	4.4	74
61	Data interchange using i2b2. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 909-915.	4.4	74
62	Opening the Duke electronic health record to apps: Implementing SMART on FHIR. International Journal of Medical Informatics, 2017, 99, 1-10.	3.3	74
63	No Place to Hide â€" Reverse Identification of Patients from Published Maps. New England Journal of Medicine, 2006, 355, 1741-1742.	27.0	69
64	Use of Emergency Department Chief Complaint and Diagnostic Codes for Identifying Respiratory Illness in a Pediatric Population. Pediatric Emergency Care, 2004, 20, 355-360.	0.9	68
65	Relative Impact of Influenza and Respiratory Syncytial Virus in Young Children. Pediatrics, 2009, 124, e1072-e1080.	2.1	68
66	Consequences of antibiotics and infections in infancy: bugs, drugs, and wheezing. Annals of Allergy, Asthma and Immunology, 2014, 112, 441-445.e1.	1.0	68
67	An i2b2-based, generalizable, open source, self-scaling chronic disease registry. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 172-179.	4.4	66
68	Association of Sex With Recurrence of Autism Spectrum Disorder Among Siblings. JAMA Pediatrics, 2017, 171, 1107.	6.2	66
69	Time for a Patient-Driven Health Information Economy?. New England Journal of Medicine, 2016, 374, 205-208.	27.0	64
70	Privacy protections to encourage use of health-relevant digital data in a learning health system. Npj Digital Medicine, 2021, 4, 2.	10.9	64
71	Exclusion of Elderly People from Randomized Clinical Trials of Drugs for Ischemic Heart Disease. Journal of the American Geriatrics Society, 2017, 65, 2354-2361.	2.6	63
72	Breaking the News or Fueling the Epidemic? Temporal Association between News Media Report Volume and Opioid-Related Mortality. PLoS ONE, 2009, 4, e7758.	2.5	62

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73	Biases introduced by filtering electronic health records for patients with "complete data" Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 1134-1141.	4.4	62
74	The Tell-Tale Heart: Population-Based Surveillance Reveals an Association of Rofecoxib and Celecoxib with Myocardial Infarction. PLoS ONE, 2007, 2, e840.	2.5	62
75	Newborn Screening Program Practices in the United States: Notification, Research, and Consent. Pediatrics, 2002, 109, 269-273.	2.1	61
76	A Bayesian dynamic model for influenza surveillance. Statistics in Medicine, 2006, 25, 1803-1816.	1.6	61
77	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.	4.3	61
78	Validation of an Electronic Health Record–Based Suicide Risk Prediction Modeling Approach Across Multiple Health Care Systems. JAMA Network Open, 2020, 3, e201262.	5.9	59
79	SMART Markers: collecting patient-generated health data as a standardized property of health information technology. Npj Digital Medicine, 2020, 3, 9.	10.9	59
80	Revealing the spatial distribution of a disease while preserving privacy. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17608-17613.	7.1	58
81	Sharing Data for Public Health Research by Members of an International Online Diabetes Social Network. PLoS ONE, 2011, 6, e19256.	2.5	58
82	The Pediatric Cell Atlas: Defining the Growth Phase of Human Development at Single-Cell Resolution. Developmental Cell, 2019, 49, 10-29.	7.0	57
83	Four Strategies for the Management of Esophageal Coins in Children. Pediatrics, 2000, 105, e5-e5.	2.1	54
84	SMART precision cancer medicine: a FHIR-based app to provide genomic information at the point of care. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 701-710.	4.4	53
85	The Value of Patient Self-report for Disease Surveillance. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 765-771.	4.4	52
86	Measuring coverage and accuracy of whole-exome sequencing in clinical context. Genetics in Medicine, 2018, 20, 1617-1626.	2.4	50
87	Syndromic surveillance: the effects of syndrome grouping on model accuracy and outbreak detection. Annals of Emergency Medicine, 2004, 44, 235-241.	0.6	49
88	Length-of-Stay Policies and Ascertainment of Postdischarge Problems in Newborns. Pediatrics, 2004, 113, 42-49.	2.1	49
89	Validation of Syndromic Surveillance for Respiratory Infections. Annals of Emergency Medicine, 2006, 47, 265.e1.	0.6	49
90	An Epidemiological Network Model for Disease Outbreak Detection. PLoS Medicine, 2007, 4, e210.	8.4	48

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91	Social media interventions for precision public health: promises and risks. Npj Digital Medicine, 2018, 1, .	10.9	48
92	Wireless Technology Infrastructures for Authentication of Patients: PKI that Rings. Journal of the American Medical Informatics Association: JAMIA, 2005, 12, 263-268.	4.4	47
93	Computerization and the future of primary care: A survey of general practitioners in the UK. PLoS ONE, 2018, 13, e0207418.	2.5	47
94	A Self-scaling, Distributed Information Architecture for Public Health, Research, and Clinical Care. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 527-533.	4.4	46
95	Hospital Utilization Among Children With the Highest Annual Inpatient Cost. Pediatrics, 2016, 137, e20151829.	2.1	46
96	Creating a scalable clinical pharmacogenomics service with automated interpretation and medical record result integration â€" experience from a pediatric tertiary care facility. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 74-80.	4.4	46
97	Evaluation of Suicides Among US Adolescents During the COVID-19 Pandemic. JAMA Pediatrics, 2022, 176, 724.	6.2	44
98	Characterisation of paediatric pulmonary hypertensive vascular disease from the PPHNet Registry. European Respiratory Journal, 2022, 59, 2003337.	6.7	43
99	Association Between Pediatric Clinical Trials and Global Burden of Disease. Pediatrics, 2014, 133, 78-87.	2.1	42
100	Effect of environmental factors on the spatio-temporal patterns of influenza spread. Epidemiology and Infection, 2009, 137, 1377-1387.	2.1	41
101	Automatically Appraising the Credibility of Vaccine-Related Web Pages Shared on Social Media: A Twitter Surveillance Study. Journal of Medical Internet Research, 2019, 21, e14007.	4.3	41
102	The PING Personally Controlled Electronic Medical Record System: Technical Architecture. Journal of the American Medical Informatics Association: JAMIA, 2004, 12, 47-54.	4.4	40
103	AEGIS: A Robust and Scalable Real-time Public Health Surveillance System. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 581-588.	4.4	39
104	Federalist principles for healthcare data networks. Nature Biotechnology, 2015, 33, 360-363.	17.5	39
105	SMART-on-FHIR implemented over i2b2. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 398-402.	4.4	39
106	A 21st-Century Health IT System â€" Creating a Real-World Information Economy. New England Journal of Medicine, 2017, 376, 1905-1907.	27.0	39
107	Evaluation of Influenza Prevention in the Workplace Using a Personally Controlled Health Record: Randomized Controlled Trial. Journal of Medical Internet Research, 2008, 10, e5.	4.3	39
108	Provider Patient-Sharing Networks and Multiple-Provider Prescribing of Benzodiazepines. Journal of General Internal Medicine, 2016, 31, 164-171.	2.6	38

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109	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
110	Provider Collaboration: Cohesion, Constellations, and Shared Patients. Journal of General Internal Medicine, 2014, 29, 1499-1505.	2.6	36
111	Push Button Population Health: The SMART/HL7 FHIR Bulk Data Access Application Programming Interface. Npj Digital Medicine, 2020, 3, 151.	10.9	36
112	The value of parental report for diagnosis and management of dehydration in the emergency department. Annals of Emergency Medicine, 2003, 41, 196-205.	0.6	34
113	Participatory Surveillance of Hypoglycemia and Harms in an Online Social Network. JAMA Internal Medicine, 2013, 173, 345.	5.1	33
114	International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. JAMA Network Open, 2021, 4, e2112596.	5.9	33
115	Parents as direct contributors to the medical record: Validation of their electronic input. Annals of Emergency Medicine, 2000, 35, 346-352.	0.6	32
116	Factors affecting automated syndromic surveillance. Artificial Intelligence in Medicine, 2005, 34, 269-278.	6.5	32
117	Limited Role of Bots in Spreading Vaccine-Critical Information Among Active Twitter Users in the United States: 2017–2019. American Journal of Public Health, 2020, 110, S319-S325.	2.7	32
118	FHIR Genomics: enabling standardization for precision medicine use cases. Npj Genomic Medicine, 2020, 5, 13.	3.8	32
119	How NFTs could transform health information exchange. Science, 2022, 375, 500-502.	12.6	32
120	Efficacy of an Educational Web Site for Educating Physicians about Bioterrorism. Academic Emergency Medicine, 2004, 11, 143-148.	1.8	31
121	Density-equalizing Euclidean minimum spanning trees for the detection of all disease cluster shapes. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9404-9409.	7.1	30
122	The Evolution of Patient Diagnosis. JAMA - Journal of the American Medical Association, 2017, 318, 1859.	7.4	30
123	The Genomics Research and Innovation Network: creating an interoperable, federated, genomics learning system. Genetics in Medicine, 2020, 22, 371-380.	2.4	30
124	Patient-Centered Design of an Information Management Module for a Personally Controlled Health Record. Journal of Medical Internet Research, 2010, 12, e36.	4.3	30
125	Potential Excessive Testing at Scale. JAMA - Journal of the American Medical Association, 2019, 321, 739.	7.4	29
126	C3-PRO: Connecting ResearchKit to the Health System Using i2b2 and FHIR. PLoS ONE, 2016, 11, e0152722.	2.5	29

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127	The Personal Internetworked Notary and Guardian. International Journal of Medical Informatics, 2001, 62, 27-40.	3.3	28
128	Reimagining Health Data Exchange: An Application Programming Interfaceâ€"Enabled Roadmap for India. Journal of Medical Internet Research, 2018, 20, e10725.	4.3	28
129	Re-identification of home addresses from spatial locations anonymized by Gaussian skew. International Journal of Health Geographics, 2008, 7, 45.	2.5	27
130	The Impact of Provider Networks on the Co-Prescriptions of Interacting Drugs: A Claims-Based Analysis. Drug Safety, 2017, 40, 263-272.	3.2	27
131	A Computable Phenotype Improves Cohort Ascertainment in a Pediatric Pulmonary Hypertension Registry. Journal of Pediatrics, 2017, 188, 224-231.e5.	1.8	27
132	Measuring outbreak-detection performance by using controlled feature set simulations. MMWR Supplements, 2004, 53, 130-6.	35.0	27
133	HIPAA and the Leak of â€œDeidentifiedâ€•EHR Data. New England Journal of Medicine, 2021, 384, 2171-2173.	27.0	25
134	Comparative Effectiveness Research: An Empirical Study of Trials Registered in ClinicalTrials.gov. PLoS ONE, 2012, 7, e28820.	2.5	24
135	Data-driven clustering identifies features distinguishing multisystem inflammatory syndrome from acute COVID-19 in children and adolescents. EClinicalMedicine, 2021, 40, 101112.	7.1	23
136	Machine learning in medical education: a survey of the experiences and opinions of medical students in Ireland. BMJ Health and Care Informatics, 2022, 29, e100480.	3.0	23
137	Learning a Comorbidity-Driven Taxonomy of Pediatric Pulmonary Hypertension. Circulation Research, 2017, 121, 341-353.	4.5	21
138	Mychildren's: integration of a personally controlled health record with a tethered patient portal for a pediatric and adolescent population. AMIA ... Annual Symposium proceedings, 2009, 2009, 65-9.	0.2	21
139	Industry-sponsored clinical research outside high-income countries: an empirical analysis of registered clinical trials from 2006 to 2013. Health Research Policy and Systems, 2015, 13, 28.	2.8	20
140	The effect of an electronic health record-based tool on abnormal pediatric blood pressure recognition. Congenital Heart Disease, 2017, 12, 484-490.	0.2	20
141	Development of the Precision Link Biobank at Boston Childrenâ€™s Hospital: Challenges and Opportunities. Journal of Personalized Medicine, 2017, 7, 21.	2.5	20
142	Adding patient-reported outcomes to a multisite registry to quantify quality of life and experiences of disease and treatment for youth with juvenile idiopathic arthritis. Journal of Patient-Reported Outcomes, 2018, 2, .	1.9	20
143	Feature extraction for phenotyping from semantic and knowledge resources. Journal of Biomedical Informatics, 2019, 91, 103122.	4.3	20
144	Prevalence and Characteristics of Interventional Trials Conducted Exclusively in Elderly Persons: A Cross-Sectional Analysis of Registered Clinical Trials. PLoS ONE, 2016, 11, e0155948.	2.5	20

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145	Surveillance of medication use: early identification of poor adherence. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 649-654.	4.4	19
146	Ebola in the United States. JAMA - Journal of the American Medical Association, 2014, 312, 2499.	7.4	19
147	SMART Cancer Navigator: A Framework for Implementing ASCO Workshop Recommendations to Enable Precision Cancer Medicine. JCO Precision Oncology, 2018, 2018, 1-14.	3.0	19
148	Integrating Medical Informatics and Health Services Research: The Need for Dual Training at the Clinical Health Systems and Policy Levels. Journal of the American Medical Informatics Association: JAMIA, 2002, 9, 127-132.	4.4	18
149	Automated real time constant-specificity surveillance for disease outbreaks. BMC Medical Informatics and Decision Making, 2007, 7, 15.	3.0	18
150	Improved Diagnostic Accuracy of Group A Streptococcal Pharyngitis With Use of Real-Time Biosurveillance. Annals of Internal Medicine, 2011, 155, 345.	3.9	18
151	Helping High-Risk Youth Move through High-Risk Periods: Personally Controlled Health Records for Improving Social and Health Care Transitions. Journal of Diabetes Science and Technology, 2011, 5, 47-54.	2.2	18
152	Participatory surveillance of diabetes device safety: a social media-based complement to traditional FDA reporting. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 687-691.	4.4	18
153	Patients Visiting Multiple Emergency Departments: Patterns, Costs, and Risk Factors. Academic Emergency Medicine, 2017, 24, 1349-1357.	1.8	18
154	<p>External Validation of an Algorithm to Identify Patients with High Data-Completeness in Electronic Health Records for Comparative Effectiveness Research</p>. Clinical Epidemiology, 2020, Volume 12, 133-141.	3.0	18
155	Beyond One-Off Integrations: A Commercial, Substitutable, Reusable, Standards-Based, Electronic Health Record–Connected App. Journal of Medical Internet Research, 2019, 21, e12902.	4.3	18
156	Comparison of Drug Utilization Patterns in Observational Data: Antiepileptic Drugs in Pediatric Patients. Paediatric Drugs, 2015, 17, 401-410.	3.1	17
157	Conclusions in systematic reviews of mammography for breast cancer screening and associations with review design and author characteristics. Systematic Reviews, 2017, 6, 105.	5.3	17
158	Claims–Based Algorithms for Identifying Patients With Pulmonary Hypertension: A Comparison of Decision Rules and Machine–Learning Approaches. Journal of the American Heart Association, 2020, 9, e016648.	3.7	17
159	Use of population health data to refine diagnostic decision-making for pertussis. Journal of the American Medical Informatics Association: JAMIA, 2010, 17, 85-90.	4.4	16
160	The Effects of Industry Sponsorship on Comparator Selection in Trial Registrations for Neuropsychiatric Conditions in Children. PLoS ONE, 2013, 8, e84951.	2.5	16
161	Using Nation-Wide Health Insurance Claims Data to Augment Lyme Disease Surveillance. Vector-Borne and Zoonotic Diseases, 2015, 15, 591-596.	1.5	16
162	A landscape survey of planned SMART/HL7 bulk FHIR data access API implementations and tools. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1284-1287.	4.4	16

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163	US primary care in 2029: A Delphi survey on the impact of machine learning. PLoS ONE, 2020, 15, e0239947.	2.5	16
164	A software tool for creating simulated outbreaks to benchmark surveillance systems. BMC Medical Informatics and Decision Making, 2005, 5, 22.	3.0	15
165	Linking Surveillance to Action: Incorporation of Real-time Regional Data into a Medical Decision Rule. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 206-211.	4.4	15
166	A federated EHR network data completeness tracking system. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 637-645.	4.4	15
167	Notifying Emergency Department Patients of Negative Test Results. Pediatric Emergency Care, 2003, 19, 226-230.	0.9	14
168	Participatory Medicine: A Home Score for Streptococcal Pharyngitis Enabled by Real-Time Biosurveillance. Annals of Internal Medicine, 2013, 159, 577.	3.9	14
169	Nonlinear Analysis of Visually Normal EEGs to Differentiate Benign Childhood Epilepsy with Centrotemporal Spikes (BECTS). Scientific Reports, 2020, 10, 8419.	3.3	14
170	Modeling Spatiotemporal Factors Associated With Sentiment on Twitter: Synthesis and Suggestions for Improving the Identification of Localized Deviations. Journal of Medical Internet Research, 2019, 21, e12881.	4.3	14
171	The 21st Century Cures Act: A Competitive Apps Market and the Risk of Innovation Blocking. Journal of Medical Internet Research, 2020, 22, e24824.	4.3	14
172	Is it influenza or anthrax? A decision analytic approach to the treatment of patients with influenza-like illnesses. Annals of Emergency Medicine, 2004, 43, 318-328.	0.6	13
173	Real time spatial cluster detection using interpoint distances among precise patient locations. BMC Medical Informatics and Decision Making, 2005, 5, 19.	3.0	13
174	Learning from Hackers: Open-Source Clinical Trials. Science Translational Medicine, 2012, 4, 132cm5.	12.4	13
175	Incidence and Patterns of Extended-Course Antibiotic Therapy in Patients Evaluated for Lyme Disease. Clinical Infectious Diseases, 2015, 61, 1536-1542.	5.8	13
176	Patient and Parent-Reported Signs and Symptoms for Group A Streptococcal Pharyngitis. Pediatrics, 2016, 138, .	2.1	13
177	Predicting Falls in People Aged 65 Years and Older from Insurance Claims. American Journal of Medicine, 2017, 130, 744.e17-744.e23.	1.5	13
178	Adverse drug event rates in pediatric pulmonary hypertension: a comparison of real-world data sources. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 294-300.	4.4	13
179	Early Detection of Poor Adherers to Statins: Applying Individualized Surveillance to Pay for Performance. PLoS ONE, 2013, 8, e79611.	2.5	13
180	Scalable Decision Support at the Point of Care: A Substitutable Electronic Health Record App for Monitoring Medication Adherence. Interactive Journal of Medical Research, 2013, 2, e13.	1.4	13

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181	Integrating syndromic surveillance data across multiple locations: effects on outbreak detection performance. AMIA ... Annual Symposium proceedings, 2003, , 549-53.	0.2	13
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