

David W Bates

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

564 papers	44,303 citations	96 h-index	199 g-index
615 ext. papers	50,959 ext. citations	7 avg, IF	7.62 L-index

#	Paper	IF	Citations
564	Enhancing serious illness communication using artificial intelligence.. <i>Npj Digital Medicine</i> , 2022 , 5, 14	15.7	
563	What counts as a voiceable concern in decisions about speaking out in hospitals: A qualitative study.. <i>Journal of Health Services Research and Policy</i> , 2022 , 13558196211043800	2.4	0
562	Optimizing Hospital Electronic Prescribing Systems: A Systematic Scoping Review.. <i>Journal of Patient Safety</i> , 2022 , 18, e547-e562	1.9	0
561	Demographic Disparity in Use of Telemedicine for Ambulatory General Surgical Consultation During the COVID-19 Pandemic: Analysis of the Initial Public Health Emergency and Second Phase Periods.. <i>Journal of the American College of Surgeons</i> , 2022 , 234, 191-202	4.4	4
560	A novel modality for real-time measurement of provider happiness.. <i>JAMIA Open</i> , 2022 , 5, ooac009	2.9	
559	Successfully Implementing Digital Health to Ensure Future Global Health Security During Pandemics: A Consensus Statement.. <i>JAMA Network Open</i> , 2022 , 5, e220214	10.4	2
558	Digital Inclusion as Health Care - Supporting Health Care Equity with Digital-Infrastructure Initiatives.. <i>New England Journal of Medicine</i> , 2022 ,	59.2	7
557	Health app policy: international comparison of nine countries' approaches.. <i>Npj Digital Medicine</i> , 2022 , 5, 31	15.7	1
556	Physicians' Perceptions of and Satisfaction With Artificial Intelligence in Cancer Treatment: A Clinical Decision Support System Experience and Implications for Low-Middle-Income Countries.. <i>JMIR Cancer</i> , 2022 , 8, e31461	3.2	0
555	Sequential coupling of dry and wet COVID-19 screening to reduce the number of quarantined individuals.. <i>Computer Methods and Programs in Biomedicine</i> , 2022 , 218, 106715	6.9	
554	Improving Research Patient Data Repositories From a Health Data Industry Viewpoint.. <i>Journal of Medical Internet Research</i> , 2022 , 24, e32845	7.6	
553	Assessment of Satisfaction With the Electronic Health Record Among Physicians in Physician-Owned vs Non-Physician-Owned Practices.. <i>JAMA Network Open</i> , 2022 , 5, e228301	10.4	2
552	Intelligent Telehealth in Pharmacovigilance: A Future Perspective.. <i>Drug Safety</i> , 2022 , 45, 449-458	5.1	1
551	A systematic review of federated learning applications for biomedical data 2022 , 1, e0000033		3
550	Testing a Novel Inpatient Respiratory Depression Electronic Clinical Quality Measure (eCQM) for Orthopedic Practice in Two Large U.S. Health Systems. <i>Studies in Health Technology and Informatics</i> , 2022 ,	0.5	
549	Validating Fall Prevention Icons to Support Patient-Centered Education. <i>Journal of Patient Safety</i> , 2021 , 17, e413-e422	1.9	8
548	PASCLex: A comprehensive post-acute sequelae of COVID-19 (PASC) symptom lexicon derived from electronic health record clinical notes. <i>Journal of Biomedical Informatics</i> , 2021 , 125, 103951	10.2	0

547	An analysis of the structure and content of dashboards used to monitor patient safety in the inpatient setting. <i>JAMIA Open</i> , 2021 , 4, ooab096	2.9	
546	Low Efficacy of Medication Shortage Clinical Decision Support Alerts. <i>Applied Clinical Informatics</i> , 2021 , 12, 1144-1149	3.1	
545	Key use cases for artificial intelligence to reduce the frequency of adverse drug events: a scoping review. <i>The Lancet Digital Health</i> , 2021 ,	14.4	1
544	Special Applications of Pharmacoepidemiology 2021 , 387-463		
543	Sleep and Alertness Among Interns in Intensive Care Compared to General Medicine Rotations: A Secondary Analysis of the iCOMPARE Trial. <i>Journal of Graduate Medical Education</i> , 2021 , 13, 717-721	1.6	0
542	Opioid prescribing among new users for non-cancer pain in the USA, Canada, UK, and Taiwan: A population-based cohort study. <i>PLoS Medicine</i> , 2021 , 18, e1003829	11.6	1
541	Gender Reference Use in Spirometry for Transgender Patients. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 537-540	4.7	1
540	The potential of artificial intelligence to improve patient safety: a scoping review. <i>Npj Digital Medicine</i> , 2021 , 4, 54	15.7	19
539	Embedding, aligning and reconstructing clinical notes to explore sepsis. <i>BMC Research Notes</i> , 2021 , 14, 136	2.3	0
538	Utilizing health information technology in the treatment and management of patients during the COVID-19 pandemic: Lessons from international case study sites. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 1555-1563	8.6	3
537	Artificial intelligence in oncology: Path to implementation. <i>Cancer Medicine</i> , 2021 , 10, 4138-4149	4.8	11
536	Uncontrolled blood pressure and treatment of hypertension in older chronic kidney disease patients. <i>Journal of the American Geriatrics Society</i> , 2021 , 69, 2985-2987	5.6	
535	Leveraging artificial intelligence for pandemic preparedness and response: a scoping review to identify key use cases. <i>Npj Digital Medicine</i> , 2021 , 4, 96	15.7	13
534	Differences in Total and After-hours Electronic Health Record Time Across Ambulatory Specialties. <i>JAMA Internal Medicine</i> , 2021 , 181, 863-865	11.5	12
533	TechQuity is an imperative for health and technology business: Let's work together to achieve it. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 2013-2016	8.6	3
532	Differences in Clinician Electronic Health Record Use Across Adult and Pediatric Primary Care Specialties. <i>JAMA Network Open</i> , 2021 , 4, e2116375	10.4	4
531	The role of the informal and formal organisation in voice about concerns in healthcare: A qualitative interview study. <i>Social Science and Medicine</i> , 2021 , 280, 114050	5.1	2
530	Estimating Time to Progression of Chronic Obstructive Pulmonary Disease With Tolerance. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , 25, 175-180	7.2	0

529	Do smartphone applications and activity trackers increase physical activity in adults? Systematic review, meta-analysis and metaregression. <i>British Journal of Sports Medicine</i> , 2021 , 55, 422-432	10.3	41
528	The Development and Piloting of the Ambulatory Electronic Health Record Evaluation Tool: Lessons Learned. <i>Applied Clinical Informatics</i> , 2021 , 12, 153-163	3.1	
527	Towards The Automated, Empirical Filtering of Drug-Drug Interaction Alerts in Clinical Decision Support Systems: Historical Cohort Study of Vitamin K Antagonists. <i>JMIR Medical Informatics</i> , 2021 , 9, e20862	3.6	0
526	Assessing the International Transferability of a Machine Learning Model for Detecting Medication Error in the General Internal Medicine Clinic: Multicenter Preliminary Validation Study. <i>JMIR Medical Informatics</i> , 2021 , 9, e23454	3.6	2
525	Renal medication-related clinical decision support (CDS) alerts and overrides in the inpatient setting following implementation of a commercial electronic health record: implications for designing more effective alerts. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 1081-1087	8.6	7
524	Assessment of Electronic Health Record Use Between US and Non-US Health Systems. <i>JAMA Internal Medicine</i> , 2021 , 181, 251-259	11.5	23
523	Comparison of Medication Alerts from Two Commercial Applications in the USA. <i>Drug Safety</i> , 2021 , 44, 661-668	5.1	1
522	ASHP Foundation Pharmacy Forecast 2021: Strategic Planning Advice for Pharmacy Departments in Hospitals and Health Systems. <i>American Journal of Health-System Pharmacy</i> , 2021 , 78, 472-497	2.2	1
521	Clinical Utility of Pharmacogenomic Data Collected by a Health-System Biobank to Predict and Prevent Adverse Drug Events. <i>Drug Safety</i> , 2021 , 44, 601-607	5.1	3
520	Predicting pressure injury using nursing assessment phenotypes and machine learning methods. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 759-765	8.6	5
519	How Do Care Transitions Work?: Unraveling the Working Mechanisms of Care Transition Interventions. <i>Medical Care</i> , 2021 , 59, S387-S397	3.1	4
518	Assessing hospital electronic health record vendor performance across publicly reported quality measures. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 2101-2107	8.6	
517	User-centered design of a scalable, electronic health record-integrated remote symptom monitoring intervention for patients with asthma and providers in primary care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 2433-2444	8.6	1
516	Describing Evaluations of Decision Support Interventions in Electronic Health Records. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2021 , 47, 814-816	1.4	
515	Use of a perceived efficacy tool to evaluate the FallTIPS program. <i>Journal of the American Geriatrics Society</i> , 2021 , 69, 3595-3601	5.6	
514	Non-English Primary Language Is Associated with Short-Term Outcomes After Supratentorial Tumor Resection. <i>World Neurosurgery</i> , 2021 , 155, e484-e502	2.1	0
513	Association of Hospital Public Quality Reporting With Electronic Health Record Medication Safety Performance. <i>JAMA Network Open</i> , 2021 , 4, e2125173	10.4	1
512	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	5.3	0

511	The intersection of big data and epidemiology for epidemiologic research: The impact of the COVID-19 pandemic. <i>International Journal for Quality in Health Care</i> , 2021 , 33,	1.9	2
510	Speaking the Same Language: Improving Language-Concordant Care in Surgery.. <i>Annals of Surgery</i> , 2021 ,	7.8	1
509	Telehealth in US hospitals: State-level reimbursement policies no longer influence adoption rates. <i>International Journal of Medical Informatics</i> , 2021 , 153, 104540	5.3	1
508	The role of patient primary language in access to brain tumor resection: Evaluating emergent admission and hospital volume.. <i>Journal of Cancer Policy</i> , 2021 , 30, 100306	1	0
507	Non-English Primary Language is Associated with Emergency Surgery for Diverticulitis. <i>Journal of Surgical Research</i> , 2021 , 268, 643-649	2.5	0
506	Testing of a Risk-Standardized Complication Rate Electronic Clinical Quality Measure (eCQM) for Total Hip and/or Total Knee Arthroplasty. 2021 , 2021, 352-361	0.7	
505	Testing of a Risk-Standardized Major Bleeding and Venous Thromboembolism Electronic Clinical Quality Measure for Elective Total Hip and/or Knee Arthroplasties. 2021 , 2021, 736-743	0.7	
504	Development of four electronic clinical quality measures (eCQMs) for use in the Merit-based Incentive Payment System (MIPS) following elective primary total hip and knee arthroplasty. 2021 , 2021, 408-417	0.7	
503	Effect of an Online Weight Management Program Integrated With Population Health Management on Weight Change: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 1737-1746	27.4	11
502	Characteristics of Patients Using Patient-Facing Application Programming Interface Technology at a US Health Care System. <i>JAMA Network Open</i> , 2020 , 3, e2022408	10.4	5
501	Direct-to-consumer digital health. <i>The Lancet Digital Health</i> , 2020 , 2, e163-e165	14.4	13
500	Digital Health Equity as a Necessity in the 21st Century Cures Act Era. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 2381-2382	27.4	62
499	National Trends in the Safety Performance of Electronic Health Record Systems From 2009 to 2018. <i>JAMA Network Open</i> , 2020 , 3, e205547	10.4	21
498	Integrating an online weight management program with population health management in primary care: Design, methods, and baseline data from the PROPS randomized controlled trial (Partnerships for Reducing Overweight and Obesity with Patient-centered Strategies). <i>Contemporary Clinical Trials</i> , 2020 , 95, 106020	2.3	3
497	Multinational Investigation of Fracture Risk with Antidepressant Use by Class, Drug, and Indication. <i>Journal of the American Geriatrics Society</i> , 2020 , 68, 1494-1503	5.6	10
496	A systematic review of the impact of health information technology on nurses' time. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020 , 27, 798-807	8.6	15
495	Design and testing of a mobile health application rating tool. <i>Npj Digital Medicine</i> , 2020 , 3, 74	15.7	22
494	Technology-facilitated care coordination in rural areas: What is needed?. <i>International Journal of Medical Informatics</i> , 2020 , 137, 104102	5.3	6

493	Factors associated with workarounds in barcode-assisted medication administration in hospitals. <i>Journal of Clinical Nursing</i> , 2020 , 29, 2239-2250	3.2	6
492	Beyond validation: getting health apps into clinical practice. <i>Npj Digital Medicine</i> , 2020 , 3, 14	15.7	90
491	Use, Perceived Usability, and Barriers to Implementation of a Patient Safety Dashboard Integrated within a Vendor EHR. <i>Applied Clinical Informatics</i> , 2020 , 11, 34-45	3.1	12
490	High-priority drug-drug interaction clinical decision support overrides in a newly implemented commercial computerized provider order-entry system: Override appropriateness and adverse drug events. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020 , 27, 893-900	8.6	15
489	Impact of multidisciplinary team huddles on patient safety: a systematic review and proposed taxonomy. <i>BMJ Quality and Safety</i> , 2020 , 29, 1-2	5.4	14
488	Development and Alpha Testing of Specifications for a Prolonged Opioid Prescribing Electronic Clinical Quality Measure (eCQM) 2020 , 2020, 1022-1030	0.7	
487	Re-tooling an Existing Clinical Quality Measure for Chronic Opioid Use to an Electronic Clinical Quality Measure (eCQM) for Post-Operative Opioid Prescribing: Development and Testing of Draft Specifications 2020 , 2020, 1200-1209	0.7	
486	Alert Override Patterns With a Medication Clinical Decision Support System in an Academic Emergency Department: Retrospective Descriptive Study. <i>JMIR Medical Informatics</i> , 2020 , 8, e23351	3.6	3
485	Assessing the cognitive and work load of an inpatient safety dashboard in the context of opioid management. <i>Applied Ergonomics</i> , 2020 , 85, 103047	4.2	7
484	Impact of Teamwork and Communication Training Interventions on Safety Culture and Patient Safety in Emergency Departments: A Systematic Review. <i>Journal of Patient Safety</i> , 2020 , 18,	1.9	5
483	Design of a safety dashboard for patients. <i>Patient Education and Counseling</i> , 2020 , 103, 741-747	3.1	4
482	Assessing the safety of electronic health records: a national longitudinal study of medication-related decision support. <i>BMJ Quality and Safety</i> , 2020 , 29, 52-59	5.4	13
481	Challenges with Accuracy of Gender Fields in Identifying Transgender Patients in Electronic Health Records. <i>Journal of General Internal Medicine</i> , 2020 , 35, 3724-3725	4	4
480	Lessons learned implementing a complex and innovative patient safety learning laboratory project in a large academic medical center. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020 , 27, 301-307	8.6	4
479	Using a Machine Learning System to Identify and Prevent Medication Prescribing Errors: A Clinical and Cost Analysis Evaluation. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2020 , 46, 3-10	1.4	18
478	The Riyadh Declaration: the role of digital health in fighting pandemics. <i>Lancet, The</i> , 2020 , 396, 1537-1539	1.4	15
477	An annotated dataset of tongue images supporting geriatric disease diagnosis. <i>Data in Brief</i> , 2020 , 32, 106153	1.2	1
476	Genome-wide association analysis of opioid use disorder: A novel approach using clinical data. <i>Drug and Alcohol Dependence</i> , 2020 , 217, 108276	4.9	3

475	The tradeoffs between safety and alert fatigue: Data from a national evaluation of hospital medication-related clinical decision support. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020 , 27, 1252-1258	8.6	10
474	Introduction: Improvement and Measurement in the Era of Electronic Health Records. <i>Annals of Internal Medicine</i> , 2020 , 172, S69-S72	8	2
473	Reporting and Implementing Interventions Involving Machine Learning and Artificial Intelligence. <i>Annals of Internal Medicine</i> , 2020 , 172, S137-S144	8	27
472	Getting Value From Electronic Health Records: Research Needed to Improve Practice. <i>Annals of Internal Medicine</i> , 2020 , 172, S130-S136	8	9
471	Guiding principles for the use of knowledge bases and real-world data in clinical decision support systems: report by an international expert workshop at Karolinska Institutet. <i>Expert Review of Clinical Pharmacology</i> , 2020 , 13, 925-934	3.8	4
470	Machine Learning and the Pursuit of High-Value Health Care. <i>NEJM Catalyst</i> , 2020 , 1,	2.3	6
469	Transformational improvement in quality care and health systems: the next decade. <i>BMC Medicine</i> , 2020 , 18, 340	11.4	8
468	Telemedicine, COVID-19, and disparities: Policy implications. <i>Health Policy and Technology</i> , 2020 , 9, 368-378	3.7	66
467	AI-Enabled Clinical Decision Support Software: A Trust and Value Checklist for Clinicians. <i>NEJM Catalyst</i> , 2020 , 1,	2.3	5
466	Optimising electronic prescribing in hospitals: a scoping review protocol. <i>BMJ Health and Care Informatics</i> , 2020 , 27,	2.6	7
465	Late adopters of the electronic health record should move now. <i>BMJ Quality and Safety</i> , 2020 , 29, 238-240	3.4	1
464	Current challenges in health information technology-related patient safety. <i>Health Informatics Journal</i> , 2020 , 26, 181-189	3	27
463	Mixed-Methods Evaluation of Real-Time Safety Reporting by Hospitalized Patients and Their Care Partners: The MySafeCare Application. <i>Journal of Patient Safety</i> , 2020 , 16, e75-e81	1.9	11
462	Following data as it crosses borders during the COVID-19 pandemic. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020 , 27, 1139-1141	8.6	4
461	Association of Display of Patient Photographs in the Electronic Health Record With Wrong-Patient Order Entry Errors. <i>JAMA Network Open</i> , 2020 , 3, e2019652	10.4	2
460	Potential of an Electronic Health Record-Integrated Patient Portal for Improving Care Plan Concordance during Acute Care. <i>Applied Clinical Informatics</i> , 2019 , 10, 358-366	3.1	13
459	Risk of Wrong-Patient Orders Among Multiple vs Singleton Births in the Neonatal Intensive Care Units of 2 Integrated Health Care Systems. <i>JAMA Pediatrics</i> , 2019 , 173, 979-985	8.3	11
458	Primary Care Patients' and Providers' Perspectives about an Online Weight Management Program: a Qualitative Study. <i>Journal of General Internal Medicine</i> , 2019 , 34, 1503-1521	4	2

457	The number needed to benefit: estimating the value of predictive analytics in healthcare. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 1655-1659	8.6	19
456	Effect of Restriction of the Number of Concurrently Open Records in an Electronic Health Record on Wrong-Patient Order Errors: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 1780-1787	27.4	22
455	Sleep and Alertness in a Duty-Hour Flexibility Trial in Internal Medicine. <i>New England Journal of Medicine</i> , 2019 , 380, 915-923	59.2	22
454	Systems engineering and human factors support of a system of novel EHR-integrated tools to prevent harm in the hospital. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 553-560	8.6	10
453	Patient Harms: The Authors Reply. <i>Health Affairs</i> , 2019 , 38, 511	7	
452	Patient Safety As A Priority: The Authors Reply. <i>Health Affairs</i> , 2019 , 38, 693	7	
451	Priorities In Patient Safety: The Authors Reply. <i>Health Affairs</i> , 2019 , 38, 330	7	
450	Assessing EHR use during hospital morning rounds: A multi-faceted study. <i>PLoS ONE</i> , 2019 , 14, e0212816	9.7	11
449	Drug-Induced Anaphylaxis Documented in Electronic Health Records. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019 , 7, 103-111	5.4	48
448	Wide variation and patterns of physicians' responses to drug-drug interaction alerts. <i>International Journal for Quality in Health Care</i> , 2019 , 31, 89-95	1.9	7
447	Development and Validation of a Deep Learning Algorithm for Mortality Prediction in Selecting Patients With Dementia for Earlier Palliative Care Interventions. <i>JAMA Network Open</i> , 2019 , 2, e196972	10.4	30
446	A clinician survey of using speech recognition for clinical documentation in the electronic health record. <i>International Journal of Medical Informatics</i> , 2019 , 130, 103938	5.3	15
445	Evidence-Based Medicine and the American Thoracic Society Guidelines. <i>JAMA Internal Medicine</i> , 2019 , 179, 1002-1003	11.5	
444	Intravenous Infusion Administration: A Comparative Study of Practices and Errors Between the United States and England and Their Implications for Patient Safety. <i>Drug Safety</i> , 2019 , 42, 1157-1165	5.1	9
443	Visualizing Literature Review Theme Evolution on Timeline Maps: Comparison Across Disciplines. <i>IEEE Access</i> , 2019 , 7, 90597-90607	3.5	2
442	The Pharmacoepidemiology of Medication Errors 2019 , 1046-1060		
441	Medication errors and adverse drug events in a UK hospital during the optimisation of electronic prescriptions: a prospective observational study. <i>The Lancet Digital Health</i> , 2019 , 1, e403-e412	14.4	13
440	Assessing the Effectiveness of Engaging Patients and Their Families in the Three-Step Fall Prevention Process Across Modalities of an Evidence-Based Fall Prevention Toolkit: An Implementation Science Study. <i>Journal of Medical Internet Research</i> , 2019 , 21, e10008	7.6	11

439	Novel Approach to Inpatient Fall Risk Prediction and Its Cross-Site Validation Using Time-Variant Data. <i>Journal of Medical Internet Research</i> , 2019 , 21, e11505	7.6	7
438	Acute Care Patient Portal Intervention: Portal Use and Patient Activation. <i>Journal of Medical Internet Research</i> , 2019 , 21, e13336	7.6	18
437	Comparing Characteristics of Patients Who Connect Their iPhones to an Electronic Health Records System Versus Patients Who Connect Without Personal Devices: Cohort Study. <i>Journal of Medical Internet Research</i> , 2019 , 21, e14871	7.6	7
436	Medication Use for Childhood Pneumonia at a Children's Hospital in Shanghai, China: Analysis of Pattern Mining Algorithms. <i>JMIR Medical Informatics</i> , 2019 , 7, e12577	3.6	0
435	Comparative Accuracy of Diagnosis by Collective Intelligence of Multiple Physicians vs Individual Physicians. <i>JAMA Network Open</i> , 2019 , 2, e190096	10.4	56
434	Physician Burnout in the Electronic Health Record Era. <i>Annals of Internal Medicine</i> , 2019 , 170, 216-217	8	10
433	Data Reconstruction Based on Temporal Expressions in Clinical Notes 2019 ,		1
432	Using Cognitive Load Theory to Improve Posthospitalization Follow-Up Visits. <i>Applied Clinical Informatics</i> , 2019 , 10, 610-614	3.1	1
431	A Clinically Integrated mHealth App and Practice Model for Collecting Patient-Reported Outcomes between Visits for Asthma Patients: Implementation and Feasibility. <i>Applied Clinical Informatics</i> , 2019 , 10, 783-793	3.1	12
430	Stepped-wedge randomised trial to evaluate population health intervention designed to increase appropriate anticoagulation in patients with atrial fibrillation. <i>BMJ Quality and Safety</i> , 2019 , 28, 835-842	5.4	6
429	A temporal visualization of chronic obstructive pulmonary disease progression using deep learning and unstructured clinical notes. <i>BMC Medical Informatics and Decision Making</i> , 2019 , 19, 258	3.6	6
428	Lab monitoring and acute care utilization during initiation of renin angiotensin aldosterone inhibitors or diuretics in chronic kidney disease. <i>Medicine (United States)</i> , 2019 , 98, e17963	1.8	
427	Top-Funded Digital Health Companies And Their Impact On High-Burden, High-Cost Conditions. <i>Health Affairs</i> , 2019 , 38, 115-123	7	34
426	Evaluation of Harm Associated with High Dose-Range Clinical Decision Support Overrides in the Intensive Care Unit. <i>Drug Safety</i> , 2019 , 42, 573-579	5.1	8
425	Development and Validation of a Fall Prevention Knowledge Test. <i>Journal of the American Geriatrics Society</i> , 2019 , 67, 133-138	5.6	6
424	Screening for Adverse Drug Events: a Randomized Trial of Automated Calls Coupled with Phone-Based Pharmacist Counseling. <i>Journal of General Internal Medicine</i> , 2019 , 34, 285-292	4	2
423	Closing the loop with an enhanced referral management system. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018 , 25, 715-721	8.6	4
422	Incorporating medication indications into the prescribing process. <i>American Journal of Health-System Pharmacy</i> , 2018 , 75, 774-783	2.2	19

421	Assumptions made when preparing drug exposure data for analysis have an impact on results: An unreported step in pharmacoepidemiology studies. <i>Pharmacoepidemiology and Drug Safety</i> , 2018 , 27, 781-788	2.6	21
420	Errors and discrepancies in the administration of intravenous infusions: a mixed methods multihospital observational study. <i>BMJ Quality and Safety</i> , 2018 , 27, 892-901	5.4	38
419	High-priority and low-priority drug-drug interactions in different international electronic health record systems: A comparative study. <i>International Journal of Medical Informatics</i> , 2018 , 111, 165-171	5.3	10
418	Prospective evaluation of medication-related clinical decision support over-rides in the intensive care unit. <i>BMJ Quality and Safety</i> , 2018 , 27, 718-724	5.4	28
417	Factors contributing to medication errors made when using computerized order entry in pediatrics: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018 , 25, 575-584	8.6	14
416	A Multi-hospital Before-After Observational Study Using a Point-Prevalence Approach with an Infusion Safety Intervention Bundle to Reduce Intravenous Medication Administration Errors. <i>Drug Safety</i> , 2018 , 41, 591-602	5.1	11
415	Clinical decision support models and frameworks: Seeking to address research issues underlying implementation successes and failures. <i>Journal of Biomedical Informatics</i> , 2018 , 78, 134-143	10.2	65
414	Medication-related clinical decision support alert overrides in inpatients. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018 , 25, 476-481	8.6	71
413	Improving Adoption of EHRs in Psychiatric Care. <i>New England Journal of Medicine</i> , 2018 , 378, 1665-1667	59.2	17
412	Making soft intelligence hard: a multi-site qualitative study of challenges relating to voice about safety concerns. <i>BMJ Quality and Safety</i> , 2018 , 27, 710-717	5.4	32
411	Association between workarounds and medication administration errors in bar-code-assisted medication administration in hospitals. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018 , 25, 385-392	8.6	27
410	An informatics research agenda to support patient and family empowerment and engagement in care and recovery during and after hospitalization. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018 , 25, 206-209	8.6	24
409	Outpatient CPOE orders discontinued due to 'erroneous entry': prospective survey of prescribers' explanations for errors. <i>BMJ Quality and Safety</i> , 2018 , 27, 293-298	5.4	7
408	The national cost of adverse drug events resulting from inappropriate medication-related alert overrides in the United States. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018 , 25, 1183-1188	8.6	20
407	Physician Burnout in the Electronic Health Record Era: Are We Ignoring the Real Cause?. <i>Annals of Internal Medicine</i> , 2018 , 169, 50-51	8	173
406	Analysis of Errors in Dictated Clinical Documents Assisted by Speech Recognition Software and Professional Transcriptionists. <i>JAMA Network Open</i> , 2018 , 1, e180530	10.4	27
405	Clinical decision support alert malfunctions: analysis and empirically derived taxonomy. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018 , 25, 496-506	8.6	38
404	Why policymakers should care about Big data in healthcare. <i>Health Policy and Technology</i> , 2018 , 7, 211-216	1.6	24

403	Improving medication-related clinical decision support. <i>American Journal of Health-System Pharmacy</i> , 2018 , 75, 239-246	2.2	40
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