

# Bruce E Bray

## List of Publications by Citations

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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.

55  
papers

1,218  
citations

16  
h-index

34  
g-index

57  
ext. papers

1,360  
ext. citations

6  
avg, IF

3.53  
L-index

#	Paper	IF	Citations
55	A randomized trial of intracoronary streptokinase in the treatment of acute myocardial infarction. <i>New England Journal of Medicine</i> , <b>1983</b> , 308, 1312-8	59.2	495
54	An international effort towards developing standards for best practices in analysis, interpretation and reporting of clinical genome sequencing results in the CLARITY Challenge. <i>Genome Biology</i> , <b>2014</b> , 15, R53	18.3	86
53	Automated extraction of ejection fraction for quality measurement using regular expressions in Unstructured Information Management Architecture (UIMA) for heart failure. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2012</b> , 19, 859-66	8.6	81
52	Value Driven Outcomes (VDO): a pragmatic, modular, and extensible software framework for understanding and improving health care costs and outcomes. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2015</b> , 22, 223-35	8.6	70
51	Comparative effects of diltiazem, propranolol, and placebo on exercise performance using radionuclide ventriculography in patients with symptomatic coronary artery disease: results of a double-blind, randomized, crossover study. <i>American Heart Journal</i> , <b>1984</b> , 107, 698-706	4.9	36
50	Left ventricular mass increases during cardiac allograft vascular rejection. <i>Journal of the American College of Cardiology</i> , <b>1995</b> , 25, 922-6	15.1	31
49	Automated alerts and reminders targeting patients: A review of the literature. <i>Patient Education and Counseling</i> , <b>2016</b> , 99, 953-9	3.1	27
48	Systematic review of clinical decision support interventions with potential for inpatient cost reduction. <i>BMC Medical Informatics and Decision Making</i> , <b>2013</b> , 13, 135	3.6	22
47	Congestive heart failure information extraction framework for automated treatment performance measures assessment. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2017</b> , 24, e40-e46	8.6	22
46	Automating Quality Measures for Heart Failure Using Natural Language Processing: A Descriptive Study in the Department of Veterans Affairs. <i>JMIR Medical Informatics</i> , <b>2018</b> , 6, e5	3.6	21
45	Automated pictographic illustration of discharge instructions with Glyph: impact on patient recall and satisfaction. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2016</b> , 23, 1136-1142	8.6	20
44	Volume indicators and left ventricular mass during aggressive volume management in patients on thrice-weekly hemodialysis. <i>Nephron Clinical Practice</i> , <b>2009</b> , 113, c270-80		19
43	Long-term follow-up after intracoronary streptokinase for myocardial infarction: a randomized, controlled study. <i>American Heart Journal</i> , <b>1984</b> , 108, 1402-8	4.9	17
42	Identification and Use of Frailty Indicators from Text to Examine Associations with Clinical Outcomes Among Patients with Heart Failure <b>2016</b> , 2016, 1110-1118	0.7	17
41	Evaluation of a pictograph enhancement system for patient instruction: a recall study. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2014</b> , 21, 1026-31	8.6	16
40	A bootstrapping algorithm to improve cohort identification using structured data. <i>Journal of Biomedical Informatics</i> , <b>2011</b> , 44 Suppl 1, S63-S68	10.2	16
39	Image acquisition context: procedure description attributes for clinically relevant indexing and selective retrieval of biomedical images. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>1999</b> , 6, 61-75	8.6	16

38	Assessing Pictograph Recognition: A Comparison of Crowdsourcing and Traditional Survey Approaches. <i>Journal of Medical Internet Research</i> , <b>2015</b> , 17, e281	7.6	15
37	Efficiency of CYP2C9 genetic test representation for automated pharmacogenetic decision support. <i>Methods of Information in Medicine</i> , <b>2009</b> , 48, 282-90	1.5	14
36	A method for the development of disease-specific reference standards vocabularies from textual biomedical literature resources. <i>Artificial Intelligence in Medicine</i> , <b>2016</b> , 68, 47-57	7.4	11
35	Merging Electronic Health Record Data and Genomics for Cardiovascular Research: A Science Advisory From the American Heart Association. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 193-202		11
34	A three-step approach for the derivation and validation of high-performing predictive models using an operational dataset: congestive heart failure readmission case study. <i>BMC Medical Informatics and Decision Making</i> , <b>2014</b> , 14, 41	3.6	10
33	Close coupling of systolic and diastolic function: combined assessment provides superior prediction of exercise capacity. <i>Journal of Cardiac Failure</i> , <b>2005</b> , 11, 516-22	3.3	10
32	Comparison of ST depression recorded by Holter monitors and 12-lead ECGs during coronary angiography and exercise testing. <i>Journal of Electrocardiology</i> , <b>1992</b> , 25, 323-31	1.4	10
31	Real-time digital angiocardiology using a temporal high-pass filter. <i>Radiology</i> , <b>1984</b> , 151, 517-20	20.5	9
30	Digital subtraction coronary angiography using high-pass temporal filtration: a comparison with cineangiography. <i>Catheterization and Cardiovascular Diagnosis</i> , <b>1985</b> , 11, 17-24		9
29	Controlled terminology for clinically-relevant indexing and selective retrieval of biomedical images. <i>International Journal on Digital Libraries</i> , <b>1997</b> , 1, 278-287	1.4	8
28	Automated illustration of patients instructions <b>2012</b> , 2012, 1158-67	0.7	8
27	Shedding Light on the Black Box: Explaining Deep Neural Network Prediction of Clinical Outcomes. <i>Journal of Medical Systems</i> , <b>2021</b> , 45, 5	5.1	8
26	Patient needs and preferences for herb-drug-disease interaction alerts: a structured interview study. <i>BMC Complementary and Alternative Medicine</i> , <b>2017</b> , 17, 272	4.7	7
25	Generating disease-pertinent treatment vocabularies from MEDLINE citations. <i>Journal of Biomedical Informatics</i> , <b>2017</b> , 65, 46-57	10.2	7
24	Combining relevance assignment with quality of the evidence to support guideline development. <i>Studies in Health Technology and Informatics</i> , <b>2010</b> , 160, 709-13	0.5	7
23	Representation of Functional Status Concepts from Clinical Documents and Social Media Sources by Standard Terminologies <b>2015</b> , 2015, 795-803	0.7	7
22	Temporal Pattern Detection to Predict Adverse Events in Critical Care: Case Study With Acute Kidney Injury. <i>JMIR Medical Informatics</i> , <b>2020</b> , 8, e14272	3.6	7
21	Changes in Oral Anticoagulant Treatment Rates in Atrial Fibrillation before and after the Introduction of Direct Oral Anticoagulants. <i>Neuroepidemiology</i> , <b>2016</b> , 47, 201-209	5.4	6

20	Heart Failure Medications Detection and Prescription Status Classification in Clinical Narrative Documents. <i>Studies in Health Technology and Informatics</i> , <b>2015</b> , 216, 609-13	0.5	6
19	Comparison of observer and videodensitometric measurements of simulated coronary artery stenoses. <i>Investigative Radiology</i> , <b>1987</b> , 22, 562-8	10.1	5
18	Feasibility and potential benefit of collecting Complementary and Alternative Medicine data through a computerized patient interview <b>2011</b> , 2011, 1217-23	0.7	4
17	Veterans Like Me: Formative evaluation of a patient decision aid design. <i>Journal of Biomedical Informatics</i> , <b>2017</b> , 71S, S46-S52	10.2	3
16	Categorizing metadata to help mobilize computable biomedical knowledge.. <i>Learning Health Systems</i> , <b>2022</b> , 6, e10271	3	3
15	Predicting Optimal Hypertension Treatment Pathways Using Recurrent Neural Networks. <i>International Journal of Medical Informatics</i> , <b>2020</b> , 139, 104122	5.3	3
14	Adaptation of an NLP system to a new healthcare environment to identify social determinants of health. <i>Journal of Biomedical Informatics</i> , <b>2021</b> , 120, 103851	10.2	3
13	Using semantic predications to characterize the clinical cardiovascular literature <b>2008</b> , 887	0.7	3
12	Development of a cardiac-centered frailty ontology. <i>Journal of Biomedical Semantics</i> , <b>2019</b> , 10, 3	2.2	2
11	Summary of second annual MCBK public meeting: Mobilizing Computable Biomedical Knowledge-A movement to accelerate translation of knowledge into action. <i>Learning Health Systems</i> , <b>2020</b> , 4, e10222 <sup>3</sup>		2
10	An explainable artificial intelligence approach for predicting cardiovascular outcomes using electronic health records. <b>2022</b> , 1, e0000004		2
9	Development of Electronic Health Record-Based Prediction Models for 30-Day Readmission Risk Among Patients Hospitalized for Acute Myocardial Infarction. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2035782	10.4	2
8	A picture's meaning: The design and evaluation of pictographs illustrating patient discharge instructions. <i>Journal of Communication in Healthcare</i> , <b>2015</b> , 8, 335-349	0.9	1
7	Predicting Adverse Outcomes in Heart Failure Patients Using Different Frailty Status Measures. <i>Studies in Health Technology and Informatics</i> , <b>2017</b> , 245, 327-331	0.5	1
6	Automating Quality Measures for Heart Failure Using Natural Language Processing: A Descriptive Study in the Department of Veterans Affairs (Preprint)		1
5	Role of Nursing Informatics in the Automation of Pneumonia Quality Measure Data Elements. <i>CIN - Computers Informatics Nursing</i> , <b>2018</b> , 36, 475-483	1.4	1
4	Regular Expression-Based Learning for METs Value Extraction. <i>AMIA Summits on Translational Science Proceedings</i> , <b>2016</b> , 2016, 213-20	1.1	
3	Summary of third annual MCBK public meeting: Mobilizing computable biomedical knowledge-Accelerating the second knowledge revolution. <i>Learning Health Systems</i> , <b>2021</b> , 5, e10255		3

- 2 Stakeholder Engagement for a Planned Automated Quality Measurement System. *SAGE Open*, **2020**, 10, 215824402091945 1.5
- 1 Information Extraction From Electronic Health Records to Predict Readmission Following Acute Myocardial Infarction: Does Natural Language Processing Using Clinical Notes Improve Prediction of Readmission?. *Journal of the American Heart Association*, **2022**, e024198 6