Elmer V Bernstam

List of Publications by Year
in descending order

92 papers	3,340 citations	201674 27 h-index	155660 55 g-index
99 all docs	99 docs citations	99 times ranked	4632 citing authors

#	Article	IF	Citations
1	Understanding enterprise data warehouses to support clinical and translational research: enterprise information technology relationships, data governance, workforce, and cloud computing. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 671-676.	4.4	7
2	Chasm Between Cancer Quality Measures and Electronic Health Record Data Quality. JCO Clinical Cancer Informatics, 2022, 6, e2100128.	2.1	10
3	External Validation of a Laboratory Prediction Algorithm for the Reduction of Unnecessary Labs in the Critical Care Setting. American Journal of Medicine, 2022, 135, 769-774.	1.5	2
4	Role of faculty characteristics in failing to fail in clinical clerkships. Medical Education, 2022, 56, 634-640.	2.1	3
5	Closing the loop: automatically identifying abnormal imaging results in scanned documents. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 831-840.	4.4	4
6	Generalized and transferable patient language representation for phenotyping with limited data. Journal of Biomedical Informatics, 2021, 116, 103726.	4.3	5
7	Using computable knowledge mined from the literature to elucidate confounders for EHR-based pharmacovigilance. Journal of Biomedical Informatics, 2021, 117, 103719.	4.3	8
8	Cost-effectiveness analysis of optimal diagnostic strategy for patients with symptomatic cholelithiasis with intermediate probability for choledocholithiasis. Gastrointestinal Endoscopy, 2021, , .	1.0	7
9	Exploring the Hazards of Scaling Up Clinical Data Analyses: A Drug Side Effect Discovery Case Report. AMIA Summits on Translational Science Proceedings, 2021, 2021, 180-189.	0.4	0
10	A deep learning solution to recommend laboratory reduction strategies in ICU. International Journal of Medical Informatics, 2020, 144, 104282.	3.3	9
11	Automatic classification of scanned electronic health record documents. International Journal of Medical Informatics, 2020, 144, 104302.	3.3	27
12	Rate of change in investigational treatment options: An analysis of reports from a large precision oncology decision support effort. International Journal of Medical Informatics, 2020, 143, 104261.	3.3	3
13	Predict or draw blood: An integrated method to reduce lab tests. Journal of Biomedical Informatics, 2020, 104, 103394.	4.3	13
14	A frame semantic overview of NLP-based information extraction for cancer-related EHR notes. Journal of Biomedical Informatics, 2019, 100, 103301.	4.3	55
15	Rapamycinâ€‾â^'â€‾mTORâ€‾+â€‾BRAFâ€‾=â€‾? Using relational similarity to find therapeutically relevant drug-gene relationships in unstructured text. Journal of Biomedical Informatics, 2019, 90, 103094.	4.3	1
16	Access to Routinely Collected Clinical Data for Research: A Process Implemented at an Academic Medical Center. Clinical and Translational Science, 2019, 12, 231-235.	3.1	4
17	OCTANE: Oncology Clinical Trial Annotation Engine. JCO Clinical Cancer Informatics, 2019, 3, 1-11.	2.1	26
18	Cancer-Related Internet Use and Its Association With Patient Decision Making and Trust in Physicians Among Patients in an Early Drug Development Clinic: A Questionnaire-Based Cross-Sectional Observational Study. Journal of Medical Internet Research, 2019, 21, e10348.	4.3	13

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19	DataGauge: A Practical Process for Systematically Designing and Implementing Quality Assessments of Repurposed Clinical Data. EGEMS (Washington, DC), 2019, 7, 32.	2.0	12
20	Precision Oncology Decision Support: Current Approaches and Strategies for the Future. Clinical Cancer Research, 2018, 24, 2719-2731.	7.0	54
21	Physician interpretation of genomic test results and treatment selection. Cancer, 2018, 124, 966-972.	4.1	10
22	Cancer-Related Internet Use and Online Social Networking Among Patients in an Early-Phase Clinical Trials Clinic at a Comprehensive Cancer Center. JCO Clinical Cancer Informatics, 2018, 2, 1-14.	2.1	5
23	Biases introduced by filtering electronic health records for patients with â€œcomplete dataâ€. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 1134-1141.	4.4	62
24	â€œPersonalized Cancer Therapyâ€ A Publicly Available Precision Oncology Resource. Cancer Research, 2017, 77, e123-e126.	0.9	31
25	More Medicine, Fewer Clicks: How Informatics Can Actually Help Your Practice. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2017, 37, 450-459.	3.8	4
26	Identifying Health Information Technology Needs of Oncologists to Facilitate the Adoption of Genomic Medicine: Recommendations From the 2016 American Society of Clinical Oncology Omics and Precision Oncology Workshop. Journal of Clinical Oncology, 2017, 35, 3153-3159.	1.6	20
27	Recommendations for the Use of Operational Electronic Health Record Data in Comparative Effectiveness Research. EGEMS (Washington, DC), 2017, 1, 14.	2.0	41
28	More Medicine, Fewer Clicks: How Informatics Can Actually Help Your Practice. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2017, 37, 450-459.	3.8	1
29	A feasibility study of returning clinically actionable somatic genomic alterations identified in a research laboratory. Oncotarget, 2017, 8, 41806-41814.	1.8	12
30	Extracting genetic alteration information for personalized cancer therapy from ClinicalTrials.gov. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 750-757.	4.4	23
31	Automated identification of molecular effects of drugs (AIMED). Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 758-765.	4.4	18
32	Precision medicine informatics. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 668-670.	4.4	31
33	Patient knowledge and information-seeking about personalized cancer therapy. International Journal of Medical Informatics, 2016, 88, 52-57.	3.3	19
34	Improving the utility of MeSHÂ® terms using the TopicalMeSH representation. Journal of Biomedical Informatics, 2016, 61, 77-86.	4.3	21
35	Literature-Based Discovery of Confounding in Observational Clinical Data. AMIA ... Annual Symposium proceedings, 2016, 2016, 1920-1929.	0.2	4
36	Using Ontology Fingerprints to disambiguate gene name entities in the biomedical literature. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav034-bav034.	3.0	9

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37	Attitudes toward molecular testing for personalized cancer therapy. Cancer, 2015, 121, 243-250.	4.1	45
38	A Decision Support Framework for Genomically Informed Investigational Cancer Therapy. Journal of the National Cancer Institute, 2015, 107, .	6.3	168
39	Expert guided natural language processing using one-class classification. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 962-966.	4.4	14
40	Abstract P2-12-13: Knowledge and Information seeking about personalized breast cancer therapy. , 2015, , .		0
41	Rediscovering drug side effects: the impact of analytical assumptions on the detection of associations in EHR data. AMIA Summits on Translational Science Proceedings, 2015, 2015, 51-5.	0.4	8
42	Attitudes regarding privacy of genomic information in personalized cancer therapy. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, e320-e325.	4.4	27
43	BigMouth: a multi-institutional dental data repository. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 1136-1140.	4.4	49
44	Preserving an integrated view of informatics. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, e178-e179.	4.4	4
45	Errors in after-hours phone consultations: a simulation study. BMJ Quality and Safety, 2014, 23, 398-405.	3.7	3
46	Structural social support predicts functional social support in an online weight loss programme. Health Expectations, 2014, 17, 345-352.	2.6	29
47	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
48	Adapting a natural language processing tool to facilitate clinical trial curation for personalized cancer therapy. AMIA Summits on Translational Science Proceedings, 2014, 2014, 126-31.	0.4	8
49	SYFSA: A framework for Systematic Yet Flexible Systems Analysis. Journal of Biomedical Informatics, 2013, 46, 665-675.	4.3	1
50	Career track of Society of University Surgeons Resident Research Award recipients. Journal of Surgical Research, 2013, 185, 92-96.	1.6	11
51	Matching identifiers in electronic health records: implications for duplicate records and patient safety. BMJ Quality and Safety, 2013, 22, 219-224.	3.7	59
52	Caveats for the Use of Operational Electronic Health Record Data in Comparative Effectiveness Research. Medical Care, 2013, 51, S30-S37.	2.4	410
53	Evaluation of a Problem-Specific SBAR Tool to Improve After-Hours Nurse-Physician Phone Communication: A Randomized Trial. Joint Commission Journal on Quality and Patient Safety, 2013, 39, 495-AP6.	0.7	25
54	Optimized dual threshold entity resolution for electronic health record databases--training set size and active learning. AMIA ... Annual Symposium proceedings, 2013, 2013, 721-30.	0.2	4

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55	Predicting biomedical document access as a function of past use. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 473-478.	4.4	1
56	Collaborative knowledge acquisition for the design of context-aware alert systems. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 988-994.	4.4	4
57	Cross-terminology mapping challenges: A demonstration using medication terminological systems. Journal of Biomedical Informatics, 2012, 45, 613-625.	4.3	52
58	Graph-based signal integration for high-throughput phenotyping. BMC Bioinformatics, 2012, 13, S2.	2.6	5
59	Deterministic binary vectors for efficient automated indexing of MEDLINE/PubMed abstracts. AMIA ... Annual Symposium proceedings, 2012, 2012, 940-9.	0.2	9
60	Measuring Social Support for Weight Loss in an Internet Weight Loss Community. Journal of Health Communication, 2011, 16, 198-211.	2.4	40
61	MEDRank: Using graph-based concept ranking to index biomedical texts. International Journal of Medical Informatics, 2011, 80, 431-441.	3.3	14
62	Social support in an Internet weight loss community. International Journal of Medical Informatics, 2010, 79, 5-13.	3.3	281
63	Unintended consequences of health information technology: A need for biomedical informatics. Journal of Biomedical Informatics, 2010, 43, 828-830.	4.3	14
64	What is biomedical informatics?. Journal of Biomedical Informatics, 2010, 43, 104-110.	4.3	92
65	Ontology driven integration platform for clinical and translational research. BMC Bioinformatics, 2009, 10, S2.	2.6	16
66	Comparing clinician knowledge and online information regarding Alli (Orlistat). International Journal of Medical Informatics, 2009, 78, 772-777.	3.3	7
67	Explanations for Unsuccessful Weight Loss Among Bariatric Surgery Candidates. Obesity Surgery, 2009, 19, 1377-1383.	2.1	14
68	Screening for Obstructive Sleep Apnea on the Internet: Randomized Trial. American Journal of Medicine, 2009, 122, 961.e1-961.e6.	1.5	8
69	Predictors of Student Success in Graduate Biomedical Informatics Training: Introductory Course and Program Success. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 837-846.	4.4	9
70	Synergies and Distinctions Between Computational Disciplines in Biomedical Research: Perspective From the Clinical and Translational Science Award Programs. Academic Medicine, 2009, 84, 964-970.	1.6	39
71	Query Log Analysis in Biomedicine. , 2009, , 359-377.		3
72	Commonly cited website quality criteria are not effective at identifying inaccurate online information about breast cancer. Cancer, 2008, 112, 1206-1213.	4.1	92

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73	Reasons for After-Hours Calls by Hospital Floor Nurses to On-Call Physicians. Joint Commission Journal on Quality and Patient Safety, 2007, 33, 342-349.	0.7	9
74	Quality of Weight Loss Advice on Internet Forums. American Journal of Medicine, 2007, 120, 604-609.e2.	1.5	48
75	Context, automated decision support, and clinical practice guidelines: Does the literature apply to the United States practice environment?. International Journal of Medical Informatics, 2007, 76, 34-41.	3.3	6
76	Toward a veterinary informatics research agenda: An analysis of the PubMed-indexed literature. International Journal of Medical Informatics, 2007, 76, 306-312.	3.3	27
77	Using hit curves to compare search algorithm performance. Journal of Biomedical Informatics, 2007, 40, 93-99.	4.3	4
78	A Day in the Life of PubMed: Analysis of a Typical Day's Query Log. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 212-220.	4.4	125
79	Accuracy and self correction of information received from an internet breast cancer list: content analysis. BMJ: British Medical Journal, 2006, 332, 939-942.	2.3	180
80	Using Citation Data to Improve Retrieval from MEDLINE. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 96-105.	4.4	58
81	Instruments to assess the quality of health information on the World Wide Web: what can our patients actually use?. International Journal of Medical Informatics, 2005, 74, 13-19.	3.3	210
82	Searching for cancer-related information online: Unintended retrieval of complementary and alternative medicine information. International Journal of Medical Informatics, 2005, 74, 685-693.	3.3	14
83	Usability of quality measures for online health information: Can commonly used technical quality criteria be reliably assessed?. International Journal of Medical Informatics, 2005, 74, 675-683.	3.3	44
84	Using incomplete citation data for MEDLINE results ranking. AMIA ... Annual Symposium proceedings, 2005, , 316-20.	0.2	3
85	Integrating Task Analysis in Software Usability Evaluation: A Case Study. Proceedings of the Human Factors and Ergonomics Society, 2004, 48, 1741-1745.	0.3	1
86	Efficacy of Quality Criteria to Identify Potentially Harmful Information: A Cross-sectional Survey of Complementary and Alternative Medicine Web Sites. Journal of Medical Internet Research, 2004, 6, e21.	4.3	69
87	Inter-observer agreement for quality measures applied to online health information. Studies in Health Technology and Informatics, 2004, 107, 1308-12.	0.3	10
88	Breast cancer on the world wide web: cross sectional survey of quality of information and popularity of websites. BMJ: British Medical Journal, 2002, 324, 577-581.	2.3	256
89	Evaluating the prevalence, content and readability of complementary and alternative medicine (CAM) web pages on the internet. Proceedings, 2002, , 672-6.	0.6	4
90	Sharable Representation of Clinical Guidelines in GLIF: Relationship to the Arden Syntax. Journal of Biomedical Informatics, 2001, 34, 170-181.	4.3	52

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91	Prevention of Lead in Drinking Water. , 2000, , 133-138.		0
92	Reliability and Evaluation of Health Information Online. , 0, , 181-196.		0