Wendy W Chapman

List of Publications by Year
in descending order

126 papers	6,328 citations	117625 34 h-index	76900 74 g-index
133 all docs	133 docs citations	133 times ranked	5768 citing authors

#	Article	IF	Citations
1	Implementability of healthcare interventions: an overview of reviews and development of a conceptual framework. Implementation Science, 2022, 17, 10.	6.9	72
2	The Rapid Development of Virtual Care Tools in Response to COVID-19: Case Studies in Three Australian Health Services. JMIR Formative Research, 2022, 6, e32619.	1.4	5
3	Development of Electronic Health Record–Based Prediction Models for 30-Day Readmission Risk Among Patients Hospitalized for Acute Myocardial Infarction. JAMA Network Open, 2021, 4, e2035782.	5.9	20
4	Examining the Interfacility Variation of Social Determinants of Health in the Veterans Health Administration. , 2021, 38, 15-19.		3
5	A Proposed Framework on Integrating Health Equity and Racial Justice into the Artificial Intelligence Development Lifecycle. Journal of Health Care for the Poor and Underserved, 2021, 32, 300-317.	0.8	32
6	Establishing a multidisciplinary initiative for interoperable electronic health record innovations at an academic medical center. JAMIA Open, 2021, 4, ooab041.	2.0	26
7	Adaptation of an NLP system to a new healthcare environment to identify social determinants of health. Journal of Biomedical Informatics, 2021, 120, 103851.	4.3	16
8	Telehealth and virtual health monitoring in cystic fibrosis. Current Opinion in Pulmonary Medicine, 2021, 27, 544-553.	2.6	14
9	Trends in Low-Value Carotid Imaging in the Veterans Health Administration From 2007 to 2016. JAMA Network Open, 2020, 3, e2015250.	5.9	9
10	Portable Automated Surveillance of Surgical Site Infections Using Natural Language Processing. Annals of Surgery, 2020, 272, 629-636.	4.2	20
11	Comparative Effectiveness of Carotid Endarterectomy vs Initial Medical Therapy in Patients With Asymptomatic Carotid Stenosis. JAMA Neurology, 2020, 77, 1110.	9.0	54
12	Impact of Different Electronic Cohort Definitions to Identify Patients With Atrial Fibrillation From the Electronic Medical Record. Journal of the American Heart Association, 2020, 9, e014527.	3.7	19
13	Emergency Medical Services Utilization by Children. Pediatric Emergency Care, 2019, 35, 846-851.	0.9	6
14	Recent Advances in Using Natural Language Processing to Address Public Health Research Questions Using Social Media and ConsumerGenerated Data. Yearbook of Medical Informatics, 2019, 28, 208-217.	1.0	60
15	Interactive NLP in Clinical Care: Identifying Incidental Findings in Radiology Reports. Applied Clinical Informatics, 2019, 10, 655-669.	1.7	20
16	Moonstone: a novel natural language processing system for inferring social risk from clinical narratives. Journal of Biomedical Semantics, 2019, 10, 6.	1.6	46
17	Documentation of ENDS Use in the Veterans Affairs Electronic Health Record (2008–2014). American Journal of Preventive Medicine, 2019, 56, 474-475.	3.0	3
18	Health Informatics–Ambitions and Purpose. Frontiers in Digital Health, 2019, 1, 2.	2.8	3

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19	Association of Marital Status with Health Care Utilization after Complex Surgical Procedures. Journal of the American College of Surgeons, 2019, 229, e27.	0.5	0
20	Bayesian Networks for Detection of Postoperative Health Care-Associated Infections Using Electronic Health Care Record Data. Journal of the American College of Surgeons, 2019, 229, e27.	0.5	0
21	Use of Computerized Provider Order Entry Events for Postoperative Complication Surveillance. JAMA Surgery, 2019, 154, 311.	4.3	12
22	Determining Onset for Familial Breast and Colorectal Cancer from Family History Comments in the Electronic Health Record. AMIA Summits on Translational Science Proceedings, 2019, 2019, 173-181.	0.4	11
23	Natural Language Processing Accurately Identifies Dysphagia Indications for Esophagogastroduodenoscopy Procedures in a Large US Integrated Healthcare System: Implications for Classifying Overuse and Quality Measurement. AMIA Summits on Translational Science Proceedings, 2019, 2019, 665-671.	0.4	0
24	Determination of Marital Status of Patients from Structured and Unstructured Electronic Healthcare Data. AMIA ... Annual Symposium proceedings, 2019, 2019, 267-274.	0.2	6
25	Using Natural Language Processing to improve EHR Structured Data-based Surgical Site Infection Surveillance. AMIA ... Annual Symposium proceedings, 2019, 2019, 794-803.	0.2	3
26	NLPReViz: an interactive tool for natural language processing on clinical text. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 81-87.	4.4	32
27	Comparison of 2 Natural Language Processing Methods for Identification of Bleeding Among Critically Ill Patients. JAMA Network Open, 2018, 1, e183451.	5.9	36
28	Using clinical Natural Language Processing for health outcomes research: Overview and actionable suggestions for future advances. Journal of Biomedical Informatics, 2018, 88, 11-19.	4.3	139
29	An Interactive NLP Tool for Signout Note Preparation. , 2018, , .		2
30	Road Map For Diffusion Of Innovation In Health Care. Health Affairs, 2018, 37, 198-204.	5.2	60
31	Tu1002 - Administrative Billing Codes do not Accurately Identify Dysphagia Indications for EGD Procedures: Implications for Classifying Overuse and Quality Measurement. Gastroenterology, 2018, 154, S-886-S-887.	1.3	0
32	Abstract WMP92: Towards High-Precision Stroke Classification Using Natural Language Processing. Stroke, 2018, 49, .	2.0	1
33	Extracting Intrauterine Device Usage from Clinical Texts Using Natural Language Processing. , 2017, , .		6
34	Annotating the Clinical Text â€" MiPACQ, ShARe, SHARPn and THYME Corpora. , 2017, , 1357-1378.		1
35	Detecting Evidence of Intra-abdominal Surgical Site Infections from Radiology Reports Using Natural Language Processing. AMIA ... Annual Symposium proceedings, 2017, 2017, 515-524.	0.2	8
36	Knowledge Author: facilitating user-driven, domain content development to support clinical information extraction. Journal of Biomedical Semantics, 2016, 7, 42.	1.6	13

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37	Normalizing acronyms and abbreviations to aid patient understanding of clinical texts: ShARe/CLEF eHealth Challenge 2013, Task 2. Journal of Biomedical Semantics, 2016, 7, 43.	1.6	16
38	Developing a web-based SKOS editor. Journal of Biomedical Semantics, 2016, 7, 5.	1.6	1
39	Mo1110 Quality Improvement Natural Language Processing Colonoscopy Evaluation Tool (QUINCE): A Flexible, Portable Tool to Extract Pathology Results for Colonoscopy Quality Reporting. Gastroenterology, 2016, 150, S637.	1.3	2
40	Extracting a stroke phenotype risk factor from Veteran Health Administration clinical reports: an information content analysis. Journal of Biomedical Semantics, 2016, 7, 26.	1.6	38
41	Assessing the Feasibility of an Automated Suggestion System for Communicating Critical Findings from Chest Radiology Reports to Referring Physicians. , 2016, , .		6
42	Extending an Uncertainty Taxonomy for Suspected Pneumonia Case Review. Online Journal of Public Health Informatics, 2016, 8, .	0.7	0
43	Esophagogastroduodenoscopy Use in the National Veteran Population: A Minority of Patients Account for the Majority of Procedures. American Journal of Gastroenterology, 2016, 111, S158-S159.	0.4	0
44	Evaluating the state of the art in disorder recognition and normalization of the clinical narrative. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 143-154.	4.4	107
45	BluLab: Temporal Information Extraction for the 2015 Clinical TempEval Challenge. , 2015, , .		15
46	Classifying Supporting, Refuting, or Uncertain Evidence for Pneumonia Case Review. Online Journal of Public Health Informatics, 2015, 7, .	0.7	0
47	Using Natural Language Processing to Improve Efficiency of Manual Chart Abstraction in Research: The Case of Breast Cancer Recurrence. American Journal of Epidemiology, 2014, 179, 749-758.	3.4	135
48	Carrell et al. Respond to "Observational Research and the EHR". American Journal of Epidemiology, 2014, 179, 762-763.	3.4	3
49	Cue-based assertion classification for Swedish clinical text—Developing a lexicon for pyConTextSwe. Artificial Intelligence in Medicine, 2014, 61, 137-144.	6.5	19
50	Evaluating the effects of machine pre-annotation and an interactive annotation interface on manual de-identification of clinical text. Journal of Biomedical Informatics, 2014, 50, 162-172.	4.3	40
51	Overview of the ShARe/CLEF eHealth Evaluation Lab 2014. Lecture Notes in Computer Science, 2014, , 172-191.	1.3	56
52	SemEval-2014 Task 7: Analysis of Clinical Text. , 2014, , .		89
53	Generating Patient Problem Lists from the ShARe Corpus using SNOMED CT/SNOMED CT CORE Problem List. , 2014, , .		1
54	A common type system for clinical natural language processing. Journal of Biomedical Semantics, 2013, 4, 1.	1.6	47

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55	Using chief complaints for syndromic surveillance: A review of chief complaint based classifiers in North America. Journal of Biomedical Informatics, 2013, 46, 734-743.	4.3	44
56	Formative Evaluation of Ontology Learning Methods for Entity Discovery by Using Existing Ontologies as Reference Standards. Methods of Information in Medicine, 2013, 52, 308-316.	1.2	7
57	Improving performance of natural language processing part-of-speech tagging on clinical narratives through domain adaptation. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 931-939.	4.4	36
58	Natural Language Processing to identify pneumonia from radiology reports. Pharmacoepidemiology and Drug Safety, 2013, 22, 834-841.	1.9	60
59	Overview of the ShARe/CLEF eHealth Evaluation Lab 2013. Lecture Notes in Computer Science, 2013, , 212-231.	1.3	127
60	Using Twitter to Examine Smoking Behavior and Perceptions of Emerging Tobacco Products. Journal of Medical Internet Research, 2013, 15, e174.	4.3	272
61	An ISDS-Based Initiative for Conventions for Biosurveillance Data Analysis Methods. Online Journal of Public Health Informatics, 2013, 5, .	0.7	0
62	#wheezing: A Content Analysis of Asthma-Related Tweets. Online Journal of Public Health Informatics, 2013, 5, .	0.7	2
63	Semantic annotation of clinical events for generating a problem list. AMIA ... Annual Symposium proceedings, 2013, 2013, 1032-41.	0.2	12
64	Extending the NegEx lexicon for multiple languages. Studies in Health Technology and Informatics, 2013, 192, 677-81.	0.3	37
65	Does Domain Knowledge Matter for Assertion Annotation in Clinical Texts?. , 2012, , .		0
66	The Frequency of ConText Lexical Items in Diverse Medical Texts. , 2012, , .		0
67	iDASH: integrating data for analysis, anonymization, and sharing. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 196-201.	4.4	130
68	A system for coreference resolution for the clinical narrative. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 660-667.	4.4	28
69	An approach to improve LOINC mapping through augmentation of local test names. Journal of Biomedical Informatics, 2012, 45, 651-657.	4.3	24
70	Anaphoric reference in clinical reports: Characteristics of an annotated corpus. Journal of Biomedical Informatics, 2012, 45, 507-521.	4.3	12
71	Building an automated SOAP classifier for emergency department reports. Journal of Biomedical Informatics, 2012, 45, 71-81.	4.3	32
72	Development and Validation of a Natural Language Processing Computer Program to Evaluate the Quality of Colonoscopy Reports. Gastroenterology, 2011, 140, S-413.	1.3	1

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73	Effectiveness of Lexico-syntactic Pattern Matching for Ontology Enrichment with Clinical Documents. Methods of Information in Medicine, 2011, 50, 397-407.	1.2	21
74	Document-level classification of CT pulmonary angiography reports based on an extension of the ConText algorithm. Journal of Biomedical Informatics, 2011, 44, 728-737.	4.3	112
75	Coreference resolution: A review of general methodologies and applications in the clinical domain. Journal of Biomedical Informatics, 2011, 44, 1113-1122.	4.3	56
76	Generality and reuse in a common type system for clinical natural language processing. , 2011, , .		2
77	Anaphoric relations in the clinical narrative: corpus creation. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 459-465.	4.4	39
78	Developing a natural language processing application for measuring the quality of colonoscopy procedures. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, i150-i156.	4.4	77
79	Overcoming barriers to NLP for clinical text: the role of shared tasks and the need for additional creative solutions. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 540-543.	4.4	207
80	Natural language processing: an introduction. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 544-551.	4.4	962
81	Natural Language Processing for Biosurveillance. Integrated Series on Information Systems, 2011, , 279-310.	0.1	7
82	Evaluating syndrome definitions in the extended syndromic surveillance ontology. Emerging Health Threats Journal, 2011, 4, .	3.0	2
83	Public sharing of research datasets: A pilot study of associations. Journal of Informetrics, 2010, 4, 148-156.	2.9	108
84	Using open access literature to guide full-text query formulation. Nature Precedings, 2010, , .	0.1	1
85	Developing syndrome definitions based on consensus and current use. Journal of the American Medical Informatics Association: JAMIA, 2010, 17, 595-601.	4.4	28
86	Automated ancillary cancer history classification for mesothelioma patients from free-text clinical reports. Journal of Pathology Informatics, 2010, 1, 24.	1.7	18
87	A comparison of two approaches to text processing: facilitating chart reviews of radiology reports in electronic medical records. Perspectives in Health Information Management / AHIMA, American Health Information Management Association, 2010, 7, 1a.	0.0	8
88	Recall and bias of retrieving gene expression microarray datasets through PubMed identifiers. Journal of Biomedical Discovery and Collaboration, 2010, 5, 7-20.	2.0	9
89	Understanding Inter-rater Disagreement: A Mixed Methods Approach. AMIA ... Annual Symposium proceedings, 2010, 2010, 81-5.	0.2	2
90	Analysis of False Positive Errors of an Acute Respiratory Infection Text Classifier due to Contextual Features. Summit on Translational Bioinformatics, 2010, 2010, 56-60.	0.7	2

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91	Developing a manually annotated clinical document corpus to identify phenotypic information for inflammatory bowel disease. BMC Bioinformatics, 2009, 10, S12.	2.6	37
92	ConText: An algorithm for determining negation, experiencer, and temporal status from clinical reports. Journal of Biomedical Informatics, 2009, 42, 839-851.	4.3	276
93	What can natural language processing do for clinical decision support?. Journal of Biomedical Informatics, 2009, 42, 760-772.	4.3	466
94	Current issues in biomedical text mining and natural language processing. Journal of Biomedical Informatics, 2009, 42, 757-759.	4.3	37
95	Distinguishing historical from current problems in clinical reports. , 2009, , .		4
96	ONYX. , 2009, , .		8
97	Methodology to develop and evaluate a semantic representation for NLP. AMIA ... Annual Symposium proceedings, 2009, 2009, 271-5.	0.2	6
98	Developing a manually annotated clinical document corpus to identify phenotypic information for inflammatory bowel disease. Summit on Translational Bioinformatics, 2009, 2009, 1-32.	0.7	2
99	Toward Vocabulary Control for Chief Complaint. Academic Emergency Medicine, 2008, 15, 476-482.	1.8	12
100	Evaluation of training with an annotation schema for manual annotation of clinical conditions from emergency department reports. International Journal of Medical Informatics, 2008, 77, 107-113.	3.3	24
101	Evaluation of preprocessing techniques for chief complaint classification. Journal of Biomedical Informatics, 2008, 41, 613-623.	4.3	27
102	Identifying Data Sharing in Biomedical Literature. Nature Precedings, 2008, , .	0.1	9
103	Envisioning a data reuse registry. Nature Precedings, 2008, , .	0.1	0
104	Temporal annotation of clinical text. , 2008, , .		2
105	Heuristic Sample Selection to Minimize Reference Standard Training Set for a Part-Of-Speech Tagger. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 641-650.	4.4	24
106	Inductive creation of an annotation schema for manually indexing clinical conditions from emergency department reports. Journal of Biomedical Informatics, 2006, 39, 196-208.	4.3	21
107	Natural Language Processing for Biosurveillance. , 2006, , 255-271.		4
108	Chief Complaints and ICD Codes. , 2006, , 333-359.		8

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109	Evaluating the effectiveness of four contextual features in classifying annotated clinical conditions in emergency department reports. AMIA ... Annual Symposium proceedings, 2006, , 141-5.	0.2	5
110	Classification of Emergency Department Chief Complaints Into 7 Syndromes: A Retrospective Analysis of 527,228 Patients. Annals of Emergency Medicine, 2005, 46, 445-455.	0.6	89
111	Generating a Reliable Reference Standard Set for Syndromic Case Classification. Journal of the American Medical Informatics Association: JAMIA, 2005, 12, 618-629.	4.4	25
112	Classifying free-text triage chief complaints into syndromic categories with natural language processing. Artificial Intelligence in Medicine, 2005, 33, 31-40.	6.5	112
113	Automating tissue bank annotation from pathology reports - comparison to a gold standard expert annotation set. AMIA ... Annual Symposium proceedings, 2005, , 460-4.	0.2	9
114	Fever detection from free-text clinical records for biosurveillance. Journal of Biomedical Informatics, 2004, 37, 120-127.	4.3	63
115	Identifying respiratory findings in emergency department reports for biosurveillance using MetaMap. Studies in Health Technology and Informatics, 2004, 107, 487-91.	0.3	41
116	Implementation and evaluation of a negation tagger in a pipeline-based system for information extract from pathology reports. Studies in Health Technology and Informatics, 2004, 107, 663-7.	0.3	25
117	The RODS Open Source Project: removing a barrier to syndromic surveillance. Studies in Health Technology and Informatics, 2004, 107, 1192-6.	0.3	12
118	Creating a Text Classifier to Detect Radiology Reports Describing Mediastinal Findings Associated with Inhalational Anthrax and Other Disorders. Journal of the American Medical Informatics Association: JAMIA, 2003, 10, 494-503.	4.4	41
119	Automated Syndromic Surveillance for the 2002 Winter Olympics: Table 1. Journal of the American Medical Informatics Association: JAMIA, 2003, 10, 547-554.	4.4	79
120	Electronic Interpretation of Chest Radiograph Reports to Detect Central Venous Catheters. Infection Control and Hospital Epidemiology, 2003, 24, 950-954.	1.8	21
121	Rapid deployment of an electronic disease surveillance system in the state of Utah for the 2002 Olympic Winter Games. Proceedings, 2002, , 285-9.	0.6	9
122	Accuracy of three classifiers of acute gastrointestinal syndrome for syndromic surveillance. Proceedings, 2002, , 345-9.	0.6	23
123	Data, network, and application: technical description of the Utah RODS Winter Olympic Biosurveillance System. Proceedings, 2002, , 815-9.	0.6	8
124	Quantifying the Characteristics of Unambiguous Chest Radiography Reports in the Context of Pneumonia. Academic Radiology, 2001, 8, 57-66.	2.5	15
125	A Comparison of Classification Algorithms to Automatically Identify Chest X-Ray Reports That Support Pneumonia. Journal of Biomedical Informatics, 2001, 34, 4-14.	4.3	80
126	A Simple Algorithm for Identifying Negated Findings and Diseases in Discharge Summaries. Journal of Biomedical Informatics, 2001, 34, 301-310.	4.3	815