

Anita Burgun

List of Publications by Year in Descending Order

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Version: 2024-04-25

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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.

111
papers

1,836
citations

22
h-index

38
g-index

130
ext. papers

2,462
ext. citations

4.3
avg, IF

5
L-index

#	Paper	IF	Citations
111	Using Deep Learning to Improve Phenotyping from Clinical Reports. <i>Studies in Health Technology and Informatics</i> , 2022 ,	0.5	
110	Design of an Ontology-Based Triage System for Patients with Chronic Pain. <i>Studies in Health Technology and Informatics</i> , 2022 ,	0.5	
109	Determining the Set of Items to Include in Breast Operative Reports, Using Clustering Algorithms on Retrospective Data Extracted from Clinical DataWarehouse. <i>Studies in Health Technology and Informatics</i> , 2022 ,	0.5	
108	A framework for validating AI in precision medicine: considerations from the European ITFoC consortium. <i>BMC Medical Informatics and Decision Making</i> , 2021 , 21, 274	3.6	2
107	Can reproducibility be improved in clinical natural language processing? A study of 7 clinical NLP suites. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 504-515	8.6	3
106	Hybrid Deep Learning for Medication-Related Information Extraction From Clinical Texts in French: MedExt Algorithm Development Study. <i>JMIR Medical Informatics</i> , 2021 , 9, e17934	3.6	6
105	Dexamethasone use and mortality in hospitalized patients with coronavirus disease 2019: A multicentre retrospective observational study. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 3766-3775	3.8	13
104	Facing new challenges to informed consent processes in the context of translational research: the case in CARPEM consortium. <i>BMC Medical Ethics</i> , 2021 , 22, 21	2.9	1
103	Concerns Discussed on Chinese and French Social Media During the COVID-19 Lockdown: Comparative Infodemiology Study Based on Topic Modeling. <i>JMIR Formative Research</i> , 2021 , 5, e23593	2.5	3
102	A COVID-19 Decision Support System for Phone Call Triage, Designed by and for Medical Students. <i>Studies in Health Technology and Informatics</i> , 2021 , 281, 525-529	0.5	
101	The Role of Radiomics in Lung Cancer: From Screening to Treatment and Follow-Up. <i>Frontiers in Oncology</i> , 2021 , 11, 603595	5.3	5
100	Reorganisation of GP surgeries during the COVID-19 outbreak: analysis of guidelines from 15 countries. <i>BMC Family Practice</i> , 2021 , 22, 96	2.6	7
99	Low-income neighbourhood was a key determinant of severe COVID-19 incidence during the first wave of the epidemic in Paris. <i>Journal of Epidemiology and Community Health</i> , 2021 , 75, 1143-1146	5.1	2
98	International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. <i>JAMA Network Open</i> , 2021 , 4, e2112596	10.4	12
97	ParentsViews on artificial intelligence for the daily management of childhood asthma: a survey. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 1728-1730.e3	5.4	1
96	Artificial intelligence in oncology 2021 , 361-381		
95	Association between antidepressant use and reduced risk of intubation or death in hospitalized patients with COVID-19: results from an observational study. <i>Molecular Psychiatry</i> , 2021 , 26, 5199-5212	15.1	96

94	Association of Antihypertensive Agents with the Risk of In-Hospital Death in Patients with Covid-19. <i>Cardiovascular Drugs and Therapy</i> , 2021 , 1	3.9	4
93	The Epidemiology of Patients' Email Addresses in a French University Hospital: Case-Control Study. <i>Journal of Medical Internet Research</i> , 2021 , 23, e13992	7.6	
92	Association Between FIASMAs and Reduced Risk of Intubation or Death in Individuals Hospitalized for Severe COVID-19: An Observational Multicenter Study. <i>Clinical Pharmacology and Therapeutics</i> , 2021 , 110, 1498-1511	6.1	34
91	Electronic health records for the diagnosis of rare diseases. <i>Kidney International</i> , 2020 , 97, 676-686	9.9	17
90	Natural Language Processing for Rapid Response to Emergent Diseases: Case Study of Calcium Channel Blockers and Hypertension in the COVID-19 Pandemic. <i>Journal of Medical Internet Research</i> , 2020 , 22, e20773	7.6	30
89	Interpretable Machine Learning Model for Locoregional Relapse Prediction in Oropharyngeal Cancers. <i>Cancers</i> , 2020 , 13,	6.6	3
88	Healthcare trajectory of children with rare bone disease attending pediatric emergency departments. <i>Orphanet Journal of Rare Diseases</i> , 2020 , 15, 2	4.2	
87	International electronic health record-derived COVID-19 clinical course profiles: the 4CE consortium. <i>Npj Digital Medicine</i> , 2020 , 3, 109	15.7	61
86	Integration of elicited expert information via a power prior in Bayesian variable selection: Application to colon cancer data. <i>Statistical Methods in Medical Research</i> , 2020 , 29, 541-567	2.3	2
85	Comparison of methods for early-readmission prediction in a high-dimensional heterogeneous covariates and time-to-event outcome framework. <i>BMC Medical Research Methodology</i> , 2019 , 19, 50	4.7	1
84	Radiomics and Machine Learning for Radiotherapy in Head and Neck Cancers. <i>Frontiers in Oncology</i> , 2019 , 9, 174	5.3	53
83	Phenotypic similarity for rare disease: Ciliopathy diagnoses and subtyping. <i>Journal of Biomedical Informatics</i> , 2019 , 100, 103308	10.2	7
82	The Adverse Drug Reactions From Patient Reports in Social Media Project: Protocol for an Evaluation Against a Gold Standard. <i>JMIR Research Protocols</i> , 2019 , 8, e11448	2	3
81	What can millions of laboratory test results tell us about the temporal aspect of data quality? Study of data spanning 17 years in a clinical data warehouse. <i>Computer Methods and Programs in Biomedicine</i> , 2019 , 181, 104825	6.9	1
80	Accuracy of claim data in the identification and classification of adults with congenital heart diseases in electronic medical records. <i>Archives of Cardiovascular Diseases</i> , 2019 , 112, 31-43	2.7	10
79	A clinician friendly data warehouse oriented toward narrative reports: Dr. Warehouse. <i>Journal of Biomedical Informatics</i> , 2018 , 80, 52-63	10.2	45
78	Sex differences in antihypertensive treatment in France among 17 856 patients in a tertiary hypertension unit. <i>Journal of Hypertension</i> , 2018 , 36, 939-946	1.9	8
77	The TRANSFoRm project: Experience and lessons learned regarding functional and interoperability requirements to support primary care. <i>Learning Health Systems</i> , 2018 , 2, e10037	3	14

76	Descriptions of Adverse Drug Reactions Are Less Informative in Forums Than in the French Pharmacovigilance Database but Provide More Unexpected Reactions. <i>Frontiers in Pharmacology</i> , 2018 , 9, 439	5.6	7
75	Mining Patients' Narratives in Social Media for Pharmacovigilance: Adverse Effects and Misuse of Methylphenidate. <i>Frontiers in Pharmacology</i> , 2018 , 9, 541	5.6	18
74	Next generation phenotyping using narrative reports in a rare disease clinical data warehouse. <i>Orphanet Journal of Rare Diseases</i> , 2018 , 13, 85	4.2	17
73	Deep Learning and Radiomics predict complete response after neo-adjuvant chemoradiation for locally advanced rectal cancer. <i>Scientific Reports</i> , 2018 , 8, 12611	4.9	88
72	Labeling for Big Data in radiation oncology: The Radiation Oncology Structures ontology. <i>PLoS ONE</i> , 2018 , 13, e0191263	3.7	13
71	Detection of Cases of Noncompliance to Drug Treatment in Patient Forum Posts: Topic Model Approach. <i>Journal of Medical Internet Research</i> , 2018 , 20, e85	7.6	17
70	Administrative health databases for addressing emerging issues in adults with CHD: a systematic review. <i>Cardiology in the Young</i> , 2018 , 28, 844-853	1	8
69	Integrating Multimodal Radiation Therapy Data into i2b2. <i>Applied Clinical Informatics</i> , 2018 , 9, 377-390	3.1	4
68	The Need of an Open Data Quality Policy: The Case of the "Transparency - Health" Database in the Prevention of Conflict of Interest. <i>Studies in Health Technology and Informatics</i> , 2018 , 247, 611-615	0.5	1
67	An ontological analysis of medical Bayesian indicators of performance. <i>Journal of Biomedical Semantics</i> , 2017 , 8, 1	2.2	13
66	The Georges Pompidou University Hospital Clinical Data Warehouse: A 8-years follow-up experience. <i>International Journal of Medical Informatics</i> , 2017 , 102, 21-28	5.3	39
65	The Diagnosis-Wide Landscape of Hospital-Acquired AKI. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017 , 12, 874-884	6.9	17
64	Exploring and visualizing multidimensional data in translational research platforms. <i>Briefings in Bioinformatics</i> , 2017 , 18, 1044-1056	13.4	20
63	Finding patients using similarity measures in a rare diseases-oriented clinical data warehouse: Dr. Warehouse and the needle in the needle stack. <i>Journal of Biomedical Informatics</i> , 2017 , 73, 51-61	10.2	20
62	eSource for clinical trials: Implementation and evaluation of a standards-based approach in a real world trial. <i>International Journal of Medical Informatics</i> , 2017 , 106, 17-24	5.3	15
61	Leveraging the EHR4CR platform to support patient inclusion in academic studies: challenges and lessons learned. <i>BMC Medical Research Methodology</i> , 2017 , 17, 36	4.7	7
60	Partnering with patients in translational oncology research: ethical approach. <i>Journal of Translational Medicine</i> , 2017 , 15, 74	8.5	7
59	Improving a full-text search engine: the importance of negation detection and family history context to identify cases in a biomedical data warehouse. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017 , 24, 607-613	8.6	24

58	A novel data-driven workflow combining literature and electronic health records to estimate comorbidities burden for a specific disease: a case study on autoimmune comorbidities in patients with celiac disease. <i>BMC Medical Informatics and Decision Making</i> , 2017 , 17, 140	3.6	18
57	Filtering Entities to Optimize Identification of Adverse Drug Reaction From Social Media: How Can the Number of Words Between Entities in the Messages Help?. <i>JMIR Public Health and Surveillance</i> , 2017 , 3, e36	11.4	13
56	Mining Adverse Drug Reactions in Social Media with Named Entity Recognition and Semantic Methods. <i>Studies in Health Technology and Informatics</i> , 2017 , 245, 322-326	0.5	6
55	Using Literature-Based Discovery to Explain Adverse Drug Effects. <i>Journal of Medical Systems</i> , 2016 , 40, 185	5.1	13
54	Big Data and machine learning in radiation oncology: State of the art and future prospects. <i>Cancer Letters</i> , 2016 , 382, 110-117	9.9	163
53	Personalized and automated remote monitoring of atrial fibrillation. <i>Europace</i> , 2016 , 18, 347-52	3.9	17
52	Integrating Heterogeneous Biomedical Data for Cancer Research: the CARPEM infrastructure. <i>Applied Clinical Informatics</i> , 2016 , 7, 260-74	3.1	22
51	Translational research platforms integrating clinical and omics data: a review of publicly available solutions. <i>Briefings in Bioinformatics</i> , 2015 , 16, 280-90	13.4	69
50	An ontology-based annotation of cardiac implantable electronic devices to detect therapy changes in a national registry. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015 , 19, 971-8	7.2	1
49	Clinical data integration model. Core interoperability ontology for research using primary care data. <i>Methods of Information in Medicine</i> , 2015 , 54, 16-23	1.5	24
48	Reviewing 741 patients records in two hours with FASTVISU 2015 , 2015, 553-9	0.7	8
47	Adverse Drug Reaction Identification and Extraction in Social Media: A Scoping Review. <i>Journal of Medical Internet Research</i> , 2015 , 17, e171	7.6	68
46	Evaluation of Internet Social Networks using Net scoring Tool: A Case Study in Adverse Drug Reaction Mining. <i>Studies in Health Technology and Informatics</i> , 2015 , 210, 526-30	0.5	3
45	Proposal for a European Public Health Research Infrastructure for Sharing of health and Medical administrative data (PHRIMA). <i>Studies in Health Technology and Informatics</i> , 2015 , 216, 1005	0.5	1
44	Natural language processing of radiology reports for the detection of thromboembolic diseases and clinically relevant incidental findings. <i>BMC Bioinformatics</i> , 2014 , 15, 266	3.6	53
43	Detailed clinical modelling approach to data extraction from heterogeneous data sources for clinical research. <i>AMIA Summits on Translational Science Proceedings</i> , 2014 , 2014, 55-9	1.1	2
42	OWL model of clinical trial eligibility criteria compatible with partially-known information. <i>Journal of Biomedical Semantics</i> , 2013 , 4, 17	2.2	2
41	A unified structural/terminological interoperability framework based on LexEVS: application to TRANSFoRm. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013 , 20, 986-94	8.6	32

40	Phenome-wide association studies on a quantitative trait: application to TPMT enzyme activity and thiopurine therapy in pharmacogenomics. <i>PLoS Computational Biology</i> , 2013 , 9, e1003405	5	43
39	GO2PUB: Querying PubMed with semantic expansion of gene ontology terms. <i>Journal of Biomedical Semantics</i> , 2012 , 3, 7	2.2	9
38	Automated classification of free-text pathology reports for registration of incident cases of cancer. <i>Methods of Information in Medicine</i> , 2012 , 51, 242-51	1.5	32
37	Automatic computation of CHA2DS2-VASc score: information extraction from clinical texts for thromboembolism risk assessment 2011 , 2011, 501-10	0.7	11
36	Creating a magnetic resonance imaging ontology. <i>Studies in Health Technology and Informatics</i> , 2011 , 169, 784-8	0.5	
35	Looking for Anemia (and Other Disorders) in SNOMED CT: Comparison of Three Approaches and Practical Implications 2010 , 2010, 527-31	0.7	1
34	A framework for comparing phenotype annotations of orthologous genes. <i>Studies in Health Technology and Informatics</i> , 2010 , 160, 1309-13	0.5	3
33	Analyzing polysemous concepts from a clinical perspective: application to auditing concept categorization in the UMLS. <i>Journal of Biomedical Informatics</i> , 2009 , 42, 440-51	10.2	12
32	Diagnostic Plasma-Derived Proteomic Biomarkers of Aggressive Diffuse Large B-Cell Lymphoma: Preliminary Data Based On the 075 French GEOLAMS Multicentric and Prospective Trial.. <i>Blood</i> , 2009 , 114, 2933-2933	2.2	
31	A unified representation of findings in clinical radiology using the UMLS and DICOM. <i>International Journal of Medical Informatics</i> , 2008 , 77, 621-9	5.3	10
30	Iron-related transcriptomic variations in Caco-2 cells: in silico perspectives. <i>Biochimie</i> , 2008 , 90, 669-78	4.6	1
29	Integrating clinical, gene expression, protein expression and preanalytical data for in silico cancer research. <i>Studies in Health Technology and Informatics</i> , 2008 , 136, 455-60	0.5	4
28	A transversal approach to predict gene product networks from ontology-based similarity. <i>BMC Bioinformatics</i> , 2007 , 8, 235	3.6	43
27	A method exploiting syntactic patterns and the UMLS semantics for aligning biomedical ontologies: the case of OBO disease ontologies. <i>International Journal of Medical Informatics</i> , 2007 , 76 Suppl 3, S353-61	5.3	12
26	Investigating subsumption in SNOMED CT: an exploration into large description logic-based biomedical terminologies. <i>Artificial Intelligence in Medicine</i> , 2007 , 39, 183-95	7.4	64
25	Integrating biological pathways in disease ontologies. <i>Studies in Health Technology and Informatics</i> , 2007 , 129, 791-5	0.5	6
24	Problem-based learning in medical informatics for undergraduate medical students: an experiment in two medical schools. <i>International Journal of Medical Informatics</i> , 2006 , 75, 396-402	5.3	5
23	Amplification of Terminologia anatomica by French language terms using Latin terms matching algorithm: a prototype for other language. <i>International Journal of Medical Informatics</i> , 2006 , 75, 542-52	5.3	7

22	Desiderata for domain reference ontologies in biomedicine. <i>Journal of Biomedical Informatics</i> , 2006 , 39, 307-13	10.2	35
21	Combining evidence, biomedical literature and statistical dependence: new insights for functional annotation of gene sets. <i>BMC Bioinformatics</i> , 2006 , 7, 241	3.6	11
20	Mapping data elements to terminological resources for integrating biomedical data sources. <i>BMC Bioinformatics</i> , 2006 , 7 Suppl 3, S6	3.6	7
19	Combining biomedical knowledge and transcriptomic data to extract new knowledge on genes. <i>Journal of Integrative Bioinformatics</i> , 2006 , 3, 162-176	3.8	2
18	Evidence in pharmacovigilance: extracting adverse drug reactions articles from MEDLINE to link them to case databases. <i>Studies in Health Technology and Informatics</i> , 2006 , 124, 528-33	0.5	3
17	Aligning biomedical ontologies using lexical methods and the UMLS: the case of disease ontologies. <i>Studies in Health Technology and Informatics</i> , 2006 , 124, 781-6	0.5	1
16	UMLF: a unified medical lexicon for French. <i>International Journal of Medical Informatics</i> , 2005 , 74, 119-245.3		19
15	Modelling a decision-support system for oncology using rule-based and case-based reasoning methodologies. <i>International Journal of Medical Informatics</i> , 2005 , 74, 299-306	5.3	31
14	Issues in the classification of disease instances with ontologies. <i>Studies in Health Technology and Informatics</i> , 2005 , 116, 695-700	0.5	6
13	Non-lexical approaches to identifying associative relations in the gene ontology. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2005 , 91-102	1.3	31
12	Toward a unified representation of findings in clinical radiology. <i>Studies in Health Technology and Informatics</i> , 2005 , 116, 671-6	0.5	0
11	Aligning knowledge sources in the UMLS: methods, quantitative results, and applications. <i>Studies in Health Technology and Informatics</i> , 2004 , 107, 327-31	0.5	14
10	The Ontology-Epistemology Divide: A Case Study in Medical Terminology 2004 , 2004, 185-195		18
9	Towards the automatic generation of biomedical sources schema. <i>Studies in Health Technology and Informatics</i> , 2004 , 107, 783-7	0.5	2
8	Collaborative environment for clinical reasoning and distance learning sessions. <i>International Journal of Medical Informatics</i> , 2003 , 70, 345-51	5.3	14
7	Developing the ontological foundations of a terminological system for end-stage diseases, organ failure, dialysis and transplantation. <i>International Journal of Medical Informatics</i> , 2003 , 70, 317-28	5.3	8
6	Automatic concept extraction from spoken medical reports. <i>International Journal of Medical Informatics</i> , 2003 , 70, 255-63	5.3	21
5	Evaluation of WordNet as a source of lay knowledge for molecular biology and genetic diseases: a feasibility study. <i>Studies in Health Technology and Informatics</i> , 2003 , 95, 379-84	0.5	7

4	Assessing the consistency of a biomedical terminology through lexical knowledge. <i>International Journal of Medical Informatics</i> , 2002 , 67, 85-95	53	21
3	Hybrid Deep Learning for Medication-Related Information Extraction From Clinical Texts in French: MedExt Algorithm Development Study (Preprint)		6
2	COVID-19, a social disease in Paris: a socio-economic wide association study on hospitalized patients highlights low-income neighbourhood as a key determinant of severe COVID-19 incidence during the first wave of the epidemic		1
1	Association of antihypertensive agents with the risk of in-hospital death in patients with Covid-19		2