# Anita Burgun

## List of Publications by Year
## in descending order

| 112 | 2,936 | 201674 | 214800 |
|-----|-------|--------|--------|
| papers | citations | 27 h-index | 47 g-index |

| 130 | 130 | 130 | 4608 |
|-----|-----|-----|------|
| all docs | docs citations | times ranked | citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 1 | Association of Antihypertensive Agents with the Risk of In-Hospital Death in Patients with Covid-19. Cardiovascular Drugs and Therapy, 2022, 36, 483-488. | 2.6 | 13 |
| 2 | Mining Electronic Health Records for Drugs Associated With 28-day Mortality in COVID-19: Pharmacopoeia-wide Association Study (PharmWAS). JMIR Medical Informatics, 2022, 10, e35190. | 2.6 | 1 |
| 3 | Deep Neural Networks for Simultaneously Capturing Public Topics and Sentiments During a Pandemic: Application on a COVID-19 Tweet Data Set. JMIR Medical Informatics, 2022, 10, e34306. | 2.6 | 7 |
| 4 | An Interactive Interface for Displaying Recommendations on Emergency Phone Triage in Pediatrics. Studies in Health Technology and Informatics, 2022, , . | 0.3 | 0 |
| 5 | Towards a Clinical Decision Support System for Helping Medical Students in Emergency Call Centers. Studies in Health Technology and Informatics, 2022, , . | 0.3 | 0 |
| 6 | Using Deep Learning to Improve Phenotyping from Clinical Reports. Studies in Health Technology and Informatics, 2022, , . | 0.3 | 1 |
| 7 | Design of an Ontology-Based Triage System for Patients with Chronic Pain. Studies in Health Technology and Informatics, 2022, , . | 0.3 | 1 |
| 8 | Determining the Set of Items to Include in Breast Operative Reports, Using Clustering Algorithms on Retrospective Data Extracted from Clinical DataWarehouse. Studies in Health Technology and Informatics, 2022, , . | 0.3 | 2 |
| 9 | Parents' views on artificial intelligence for the daily management of childhood asthma: a survey. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 1728-1730.e3. | 3.8 | 9 |
| 10 | Artificial intelligence in oncology. , 2021, , 361-381. | | 4 |
| 11 | Association between antidepressant use and reduced risk of intubation or death in hospitalized patients with COVID-19: results from an observational study. Molecular Psychiatry, 2021, 26, 5199-5212. | 7.9 | 183 |
| 12 | The Epidemiology of Patients' Email Addresses in a French University Hospital: Case-Control Study. Journal of Medical Internet Research, 2021, 23, e13992. | 4.3 | 1 |
| 13 | Hybrid Deep Learning for Medication-Related Information Extraction From Clinical Texts in French: MedExt Algorithm Development Study. JMIR Medical Informatics, 2021, 9, e17934. | 2.6 | 17 |
| 14 | Dexamethasone use and mortality in hospitalized patients with coronavirus disease 2019: A multicentre retrospective observational study. British Journal of Clinical Pharmacology, 2021, 87, 3766-3775. | 2.4 | 30 |
| 15 | Facing new challenges to informed consent processes in the context of translational research: the case in CARPEM consortium. BMC Medical Ethics, 2021, 22, 21. | 2.4 | 7 |
| 16 | Concerns Discussed on Chinese and French Social Media During the COVID-19 Lockdown: Comparative Infodemiology Study Based on Topic Modeling. JMIR Formative Research, 2021, 5, e23593. | 1.4 | 14 |
| 17 | A COVID-19 Decision Support System for Phone Call Triage, Designed by and for Medical Students. Studies in Health Technology and Informatics, 2021, 281, 525-529. | 0.3 | 0 |
| 18 | The Role of Radiomics in Lung Cancer: From Screening to Treatment and Follow-Up. Frontiers in Oncology, 2021, 11, 603595. | 2.8 | 23 |

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|---|---------|----|-----------|
| 19 | Reorganisation of GP surgeries during the COVID-19 outbreak: analysis of guidelines from 15 countries. BMC Family Practice, 2021, 22, 96. | 2.9 | 35 |
| 20 | Low-income neighbourhood was a key determinant of severe COVID-19 incidence during the first wave of the epidemic in Paris. Journal of Epidemiology and Community Health, 2021, 75, 1143-1146. | 3.7 | 11 |
| 21 | International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. JAMA Network Open, 2021, 4, e2112596. | 5.9 | 33 |
| 22 | Association Between FIASMAs and Reduced Risk of Intubation or Death in Individuals Hospitalized for Severe COVID€19: An Observational Multicenter Study. Clinical Pharmacology and Therapeutics, 2021, 110, 1498-1511. | 4.7 | 59 |
| 23 | Can reproducibility be improved in clinical natural language processing? A study of 7 clinical NLP suites. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 504-515. | 4.4 | 17 |
| 24 | Interpretable Machine Learning Model for Locoregional Relapse Prediction in Oropharyngeal Cancers. Cancers, 2021, 13, 57. | 3.7 | 13 |
| 25 | A framework for validating AI in precision medicine: considerations from the European ITFoC consortium. BMC Medical Informatics and Decision Making, 2021, 21, 274. | 3.0 | 28 |
| 26 | Integration of elicited expert information via a power prior in Bayesian variable selection: Application to colon cancer data. Statistical Methods in Medical Research, 2020, 29, 541-567. | 1.5 | 8 |
| 27 | Healthcare trajectory of children with rare bone disease attending pediatric emergency departments. Orphanet Journal of Rare Diseases, 2020, 15, 2. | 2.7 | 0 |
| 28 | International electronic health record-derived COVID-19 clinical course profiles: the 4CE consortium. Npj Digital Medicine, 2020, 3, 109. | 10.9 | 128 |
| 29 | Electronic health records for the diagnosis of rare diseases. Kidney International, 2020, 97, 676-686. | 5.2 | 37 |
| 30 | Natural Language Processing for Rapid Response to Emergent Diseases: Case Study of Calcium Channel Blockers and Hypertension in the COVID-19 Pandemic. Journal of Medical Internet Research, 2020, 22, e20773. | 4.3 | 55 |
| 31 | Phenotypic similarity for rare disease: Ciliopathy diagnoses and subtyping. Journal of Biomedical Informatics, 2019, 100, 103308. | 4.3 | 17 |
| 32 | Comparison of methods for early-readmission prediction in a high-dimensional heterogeneous covariates and time-to-event outcome framework. BMC Medical Research Methodology, 2019, 19, 50. | 3.1 | 9 |
| 33 | Radiomics and Machine Learning for Radiotherapy in Head and Neck Cancers. Frontiers in Oncology, 2019, 9, 174. | 2.8 | 85 |
| 34 | 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. Computer Methods and Programs in Biomedicine, 2019, 181, 104825. | 4.7 | 6 |
| 35 | Accuracy of claim data in the identification and classification of adults with congenital heart diseases in electronic medical records. Archives of Cardiovascular Diseases, 2019, 112, 31-43. | 1.6 | 20 |
| 36 | The Adverse Drug Reactions From Patient Reports in Social Media Project: Protocol for an Evaluation Against a Gold Standard. JMIR Research Protocols, 2019, 8, e11448. | 1.0 | 7 |

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|---|---------|-----|-----------|
| 37 | A clinician friendly data warehouse oriented toward narrative reports: Dr. Warehouse. Journal of Biomedical Informatics, 2018, 80, 52-63. | 4.3 | 89 |
| 38 | Sex differences in antihypertensive treatment in France among 17â€Š856 patients in a tertiary hypertension unit. Journal of Hypertension, 2018, 36, 939-946. | 0.5 | 14 |
| 39 | The TRANSFoRm project: Experience and lessons learned regarding functional and interoperability requirements to support primary care. Learning Health Systems, 2018, 2, e10037. | 2.0 | 16 |
| 40 | Administrative health databases for addressing emerging issues in adults with CHD: a systematic review. Cardiology in the Young, 2018, 28, 844-853. | 0.8 | 11 |
| 41 | Integrating Multimodal Radiation Therapy Data into i2b2. Applied Clinical Informatics, 2018, 09, 377-390. | 1.7 | 6 |
| 42 | Descriptions of Adverse Drug Reactions Are Less Informative in Forums Than in the French Pharmacovigilance Database but Provide More Unexpected Reactions. Frontiers in Pharmacology, 2018, 9, 439. | 3.5 | 10 |
| 43 | Mining Patients' Narratives in Social Media for Pharmacovigilance: Adverse Effects and Misuse of Methylphenidate. Frontiers in Pharmacology, 2018, 9, 541. | 3.5 | 39 |
| 44 | Next generation phenotyping using narrative reports in a rare disease clinical data warehouse. Orphanet Journal of Rare Diseases, 2018, 13, 85. | 2.7 | 27 |
| 45 | Deep Learning and Radiomics predict complete response after neo-adjuvant chemoradiation for locally advanced rectal cancer. Scientific Reports, 2018, 8, 12611. | 3.3 | 142 |
| 46 | Labeling for Big Data in radiation oncology: The Radiation Oncology Structures ontology. PLoS ONE, 2018, 13, e0191263. | 2.5 | 26 |
| 47 | Detection of Cases of Noncompliance to Drug Treatment in Patient Forum Posts: Topic Model Approach. Journal of Medical Internet Research, 2018, 20, e85. | 4.3 | 29 |
| 48 | The Need of an Open Data Quality Policy: The Case of the "Transparency - Health" Database in the Prevention of Conflict of Interest. Studies in Health Technology and Informatics, 2018, 247, 611-615. | 0.3 | 1 |
| 49 | An ontological analysis of medical Bayesian indicators of performance. Journal of Biomedical Semantics, 2017, 8, 1. | 1.6 | 27 |
| 50 | The Georges Pompidou University Hospital Clinical Data Warehouse: A 8-years follow-up experience. International Journal of Medical Informatics, 2017, 102, 21-28. | 3.3 | 52 |
| 51 | The Diagnosis-Wide Landscape of Hospital-Acquired AKI. Clinical Journal of the American Society of Nephrology: CJASN, 2017, 12, 874-884. | 4.5 | 27 |
| 52 | Finding patients using similarity measures in a rare diseases-oriented clinical data warehouse: Dr. Warehouse and the needle in the needle stack. Journal of Biomedical Informatics, 2017, 73, 51-61. | 4.3 | 31 |
| 53 | eSource for clinical trials: Implementation and evaluation of a standards-based approach in a real world trial. International Journal of Medical Informatics, 2017, 106, 17-24. | 3.3 | 24 |
| 54 | Leveraging the EHR4CR platform to support patient inclusion in academic studies: challenges and lessons learned. BMC Medical Research Methodology, 2017, 17, 36. | 3.1 | 9 |

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|---|---------|-----|-----------|
| 55 | Partnering with patients in translational oncology research: ethical approach. Journal of Translational Medicine, 2017, 15, 74. | 4.4 | 12 |
| 56 | Improving a full-text search engine: the importance of negation detection and family history context to identify cases in a biomedical data warehouse. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 607-613. | 4.4 | 40 |
| 57 | 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. BMC Medical Informatics and Decision Making, 2017, 17, 140. | 3.0 | 24 |
| 58 | Filtering Entities to Optimize Identification of Adverse Drug Reaction From Social Media: How Can the Number of Words Between Entities in the Messages Help?. JMIR Public Health and Surveillance, 2017, 3, e36. | 2.6 | 31 |
| 59 | Mining Adverse Drug Reactions in Social Media with Named Entity Recognition and Semantic Methods. Studies in Health Technology and Informatics, 2017, 245, 322-326. | 0.3 | 6 |
| 60 | Integrating Heterogeneous Biomedical Data for Cancer Research: the CARPEM infrastructure. Applied Clinical Informatics, 2016, 07, 260-274. | 1.7 | 27 |
| 61 | Exploring and visualizing multidimensional data in translational research platforms. Briefings in Bioinformatics, 2016, 18, bbw080. | 6.5 | 25 |
| 62 | Using Literature-Based Discovery to Explain Adverse Drug Effects. Journal of Medical Systems, 2016, 40, 185. | 3.6 | 15 |
| 63 | Big Data and machine learning in radiation oncology: State of the art and future prospects. Cancer Letters, 2016, 382, 110-117. | 7.2 | 240 |
| 64 | Personalized and automated remote monitoring of atrial fibrillation. Europace, 2016, 18, 347-352. | 1.7 | 26 |
| 65 | Clinical Data Integration Model. Methods of Information in Medicine, 2015, 54, 16-23. | 1.2 | 30 |
| 66 | Translational research platforms integrating clinical and omics data: a review of publicly available solutions. Briefings in Bioinformatics, 2015, 16, 280-290. | 6.5 | 84 |
| 67 | An Ontology-Based Annotation of Cardiac Implantable Electronic Devices to Detect Therapy Changes in a National Registry. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 971-978. | 6.3 | 3 |
| 68 | Adverse Drug Reaction Identification and Extraction in Social Media: A Scoping Review. Journal of Medical Internet Research, 2015, 17, e171. | 4.3 | 101 |
| 69 | Reviewing 741 patients records in two hours with FASTVISU. AMIA ... Annual Symposium proceedings, 2015, 2015, 553-9. | 0.2 | 8 |
| 70 | Evaluation of Internet Social Networks using Net scoring Tool: A Case Study in Adverse Drug Reaction Mining. Studies in Health Technology and Informatics, 2015, 210, 526-30. | 0.3 | 4 |
| 71 | Proposal for a European Public Health Research Infrastructure for Sharing of health and Medical administrative data (PHRIMA). Studies in Health Technology and Informatics, 2015, 216, 1005. | 0.3 | 1 |
| 72 | Natural language processing of radiology reports for the detection of thromboembolic diseases and clinically relevant incidental findings. BMC Bioinformatics, 2014, 15, 266. | 2.6 | 81 |

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| 73 | Detailed clinical modelling approach to data extraction from heterogeneous data sources for clinical research. AMIA Summits on Translational Science Proceedings, 2014, 2014, 55-9. | 0.4 | 3 |
| 74 | OWL model of clinical trial eligibility criteria compatible with partially-known information. Journal of Biomedical Semantics, 2013, 4, 17. | 1.6 | 3 |
| 75 | A unified structural/terminological interoperability framework based on LexEVS: application to TRANSFoRm. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 986-994. | 4.4 | 37 |
| 76 | Phenome-Wide Association Studies on a Quantitative Trait: Application to TPMT Enzyme Activity and Thiopurine Therapy in Pharmacogenomics. PLoS Computational Biology, 2013, 9, e1003405. | 3.2 | 50 |
| 77 | GO2PUB: Querying PubMed with semantic expansion of gene ontology terms. Journal of Biomedical Semantics, 2012, 3, 7. | 1.6 | 11 |
| 78 | Automated Classification of Free-text Pathology Reports for Registration of Incident Cases of Cancer. Methods of Information in Medicine, 2012, 51, 242-251. | 1.2 | 43 |
| 79 | Automatic computation of CHA2DS2-VASc score: information extraction from clinical texts for thromboembolism risk assessment. AMIA ... Annual Symposium proceedings, 2011, 2011, 501-10. | 0.2 | 11 |
| 80 | Creating a magnetic resonance imaging ontology. Studies in Health Technology and Informatics, 2011, 169, 784-8. | 0.3 | 0 |
| 81 | Looking for Anemia (and Other Disorders) in SNOMED CT: Comparison of Three Approaches and Practical Implications. AMIA ... Annual Symposium proceedings, 2010, 2010, 527-31. | 0.2 | 1 |
| 82 | A framework for comparing phenotype annotations of orthologous genes. Studies in Health Technology and Informatics, 2010, 160, 1309-13. | 0.3 | 4 |
| 83 | Analyzing polysemous concepts from a clinical perspective: Application to auditing concept categorization in the UMLS. Journal of Biomedical Informatics, 2009, 42, 440-451. | 4.3 | 16 |
| 84 | Diagnostic Plasma-Derived Proteomic Biomarkers of Aggressive Diffuse Large B-Cell Lymphoma: Preliminary Data Based On the 075 French GEOLAMS Multicentric and Prospective Trial.. Blood, 2009, 114, 2933-2933. | 1.4 | 0 |
| 85 | A unified representation of findings in clinical radiology using the UMLS and DICOM. International Journal of Medical Informatics, 2008, 77, 621-629. | 3.3 | 12 |
| 86 | Iron-related transcriptomic variations in Caco-2 cells: In silico perspectives. Biochimie, 2008, 90, 669-678. | 2.6 | 1 |
| 87 | Integrating clinical, gene expression, protein expression and preanalytical data for in silico cancer research. Studies in Health Technology and Informatics, 2008, 136, 455-60. | 0.3 | 5 |
| 88 | A transversal approach to predict gene product networks from ontology-based similarity. BMC Bioinformatics, 2007, 8, 235. | 2.6 | 51 |
| 89 | A method exploiting syntactic patterns and the UMLS semantics for aligning biomedical ontologies: The case of OBO disease ontologies. International Journal of Medical Informatics, 2007, 76, S353-S361. | 3.3 | 18 |
| 90 | Investigating subsumption in SNOMED CT: An exploration into large description logic-based biomedical terminologies. Artificial Intelligence in Medicine, 2007, 39, 183-195. | 6.5 | 76 |

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|---|---------|-----|-----------|
| 91 | Integrating biological pathways in disease ontologies. Studies in Health Technology and Informatics, 2007, 129, 791-5. | 0.3 | 6 |
| 92 | Combining biomedical knowledge and transcriptomic data to extract new knowledge on genes. Journal of Integrative Bioinformatics, 2006, 3, 162-176. | 1.5 | 2 |
| 93 | Problem-based learning in medical informatics for undergraduate medical students: An experiment in two medical schools. International Journal of Medical Informatics, 2006, 75, 396-402. | 3.3 | 7 |
| 94 | Amplification of Terminologia anatomica by French language terms using Latin terms matching algorithm: A prototype for other language. International Journal of Medical Informatics, 2006, 75, 542-552. | 3.3 | 9 |
| 95 | Desiderata for domain reference ontologies in biomedicine. Journal of Biomedical Informatics, 2006, 39, 307-313. | 4.3 | 47 |
| 96 | Combining evidence, biomedical literature and statistical dependence: new insights for functional annotation of gene sets. BMC Bioinformatics, 2006, 7, 241. | 2.6 | 11 |
| 97 | Mapping data elements to terminological resources for integrating biomedical data sources. BMC Bioinformatics, 2006, 7, S6. | 2.6 | 11 |
| 98 | Evidence in pharmacovigilance: extracting adverse drug reactions articles from MEDLINE to link them to case databases. Studies in Health Technology and Informatics, 2006, 124, 528-33. | 0.3 | 4 |
| 99 | Aligning biomedical ontologies using lexical methods and the UMLS: the case of disease ontologies. Studies in Health Technology and Informatics, 2006, 124, 781-6. | 0.3 | 1 |
| 100 | UMLF: a unified medical lexicon for French. International Journal of Medical Informatics, 2005, 74, 119-124. | 3.3 | 25 |
| 101 | Modelling a decision-support system for oncology using rule-based and case-based reasoning methodologies. International Journal of Medical Informatics, 2005, 74, 299-306. | 3.3 | 45 |
| 102 | Issues in the classification of disease instances with ontologies. Studies in Health Technology and Informatics, 2005, 116, 695-700. | 0.3 | 7 |
| 103 | Non-lexical approaches to identifying associative relations in the gene ontology. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2005, , 91-102. | 0.7 | 31 |
| 104 | Toward a unified representation of findings in clinical radiology. Studies in Health Technology and Informatics, 2005, 116, 671-6. | 0.3 | 1 |
| 105 | Aligning knowledge sources in the UMLS: methods, quantitative results, and applications. Studies in Health Technology and Informatics, 2004, 107, 327-31. | 0.3 | 14 |
| 106 | The Ontology-Epistemology Divide: A Case Study in Medical Terminology. , 2004, 2004, 185-195. | | 19 |
| 107 | Towards the automatic generation of biomedical sources schema. Studies in Health Technology and Informatics, 2004, 107, 783-7. | 0.3 | 2 |
| 108 | Collaborative environment for clinical reasoning and distance learning sessions. International Journal of Medical Informatics, 2003, 70, 345-351. | 3.3 | 19 |

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|---|---------|-----|-----------|
| 109 | Developing the ontological foundations of a terminological system for end-stage diseases, organ failure, dialysis and transplantation. International Journal of Medical Informatics, 2003, 70, 317-328. | 3.3 | 10 |
| 110 | Automatic concept extraction from spoken medical reports. International Journal of Medical Informatics, 2003, 70, 255-263. | 3.3 | 28 |
| 111 | Evaluation of WordNet as a source of lay knowledge for molecular biology and genetic diseases: a feasibility study. Studies in Health Technology and Informatics, 2003, 95, 379-84. | 0.3 | 7 |
| 112 | Assessing the consistency of a biomedical terminology through lexical knowledge. International Journal of Medical Informatics, 2002, 67, 85-95. | 3.3 | 26 |