

# Ronald Cornet

## List of Publications by Year in Descending Order

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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.

123  
papers

2,072  
citations

19  
h-index

43  
g-index

131  
ext. papers

2,536  
ext. citations

3.4  
avg, IF

4.93  
L-index

#	Paper	IF	Citations
123	Use of Clinical Data Interchange Standards Consortium (CDISC) Standards for Real-world Data: Expert Perspectives From a Qualitative Delphi Survey.. <i>JMIR Medical Informatics</i> , <b>2022</b> , 10, e30363	3.6	2
122	Semantic modelling of common data elements for rare disease registries, and a prototype workflow for their deployment over registry data.. <i>Journal of Biomedical Semantics</i> , <b>2022</b> , 13, 9	2.2	0
121	Diagnosis clarification by generalization to patient-friendly terms and definitions: Validation study.. <i>Journal of Biomedical Informatics</i> , <b>2022</b> , 104071	10.2	
120	FAIRification Efforts of Clinical Researchers: The Current State of Affairs. <i>Studies in Health Technology and Informatics</i> , <b>2021</b> , 287, 35-39	0.5	0
119	Digital health in oncology in Africa: A scoping review and cross-sectional survey.. <i>International Journal of Medical Informatics</i> , <b>2021</b> , 158, 104659	5.3	0
118	Investigating the Scientific 'Infodemic' Phenomenon Related to the COVID-19 Pandemic. <i>Yearbook of Medical Informatics</i> , <b>2021</b> , 30, 245-256	4	
117	Contextual property detection in Dutch diagnosis descriptions for uncertainty, laterality and temporality. <i>BMC Medical Informatics and Decision Making</i> , <b>2021</b> , 21, 120	3.6	0
116	Development of a Framework for Redesigning a Terminology Maintenance Process - Case Study in the Netherlands. <i>Studies in Health Technology and Informatics</i> , <b>2021</b> , 281, 263-267	0.5	
115	Coding practice in national and regional kidney biopsy registries. <i>BMC Nephrology</i> , <b>2021</b> , 22, 193	2.7	1
114	Factors Influencing Development and Implementation of Patients' Access to Electronic Health Records-A Comparative Study of Sweden and the Netherlands. <i>Frontiers in Public Health</i> , <b>2021</b> , 9, 621210	6	1
113	The Selection Process for a Web-Based Application to Measure Patient-Reported Outcomes Following the Example of the TREAT NL Registry. <i>Journal of Investigative Dermatology</i> , <b>2021</b> , 141, 1592-1595.e1	4.3	0
112	CANcer PATients Better Life Experience (CAPABLE) First Proof-of-Concept Demonstration. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 298-303	0.9	1
111	A review of AI and Data Science support for cancer management. <i>Artificial Intelligence in Medicine</i> , <b>2021</b> , 117, 102111	7.4	1
110	The de novo FAIRification process of a registry for vascular anomalies. <i>Orphanet Journal of Rare Diseases</i> , <b>2021</b> , 16, 376	4.2	2
109	De-novo FAIRification via an Electronic Data Capture system by automated transformation of filled electronic Case Report Forms into machine-readable data. <i>Journal of Biomedical Informatics</i> , <b>2021</b> , 122, 103897	10.2	4
108	Implementation of an Interactive Voice Response System for Cancer Awareness in Uganda: Mixed Methods Study. <i>JMIR MHealth and UHealth</i> , <b>2021</b> , 9, e22061	5.5	2
107	A clinical decision support system is associated with reduced loss to follow-up among patients receiving HIV treatment in Kenya: a cluster randomized trial.. <i>BMC Medical Informatics and Decision Making</i> , <b>2021</b> , 21, 357	3.6	

106	FAIR Principles: Interpretations and Implementation Considerations. <i>Data Intelligence</i> , <b>2020</b> , 2, 10-29	3	66
105	Assessment of organizational readiness to implement an electronic health record system in a low-resource settings cancer hospital: A cross-sectional survey. <i>PLoS ONE</i> , <b>2020</b> , 15, e0234711	3.7	6
104	Towards an Adoption Framework for Patient Access to Electronic Health Records: Systematic Literature Mapping Study. <i>JMIR Medical Informatics</i> , <b>2020</b> , 8, e15150	3.6	2
103	Applying the FAIR Data Principles to the Registry of Vascular Anomalies (VASCA). <i>Studies in Health Technology and Informatics</i> , <b>2020</b> , 271, 115-116	0.5	3
102	Evidence-Based Health Informatics as the Foundation for the COVID-19 Response: A Joint Call for Action. <i>Methods of Information in Medicine</i> , <b>2020</b> , 59, 183-192	1.5	4
101	Elicitation and prioritization of requirements for electronic health records for oncology in low resource settings: A concept mapping study. <i>International Journal of Medical Informatics</i> , <b>2020</b> , 135, 104053	5.3	3
100	Natural language processing algorithms for mapping clinical text fragments onto ontology concepts: a systematic review and recommendations for future studies. <i>Journal of Biomedical Semantics</i> , <b>2020</b> , 11, 14	2.2	10
99	Factors Influencing Problem List Use in Electronic Health Records-Application of the Unified Theory of Acceptance and Use of Technology. <i>Applied Clinical Informatics</i> , <b>2020</b> , 11, 415-426	3.1	8
98	Evaluation of lexical clarification by patients reading their clinical notes: a quasi-experimental interview study. <i>BMC Medical Informatics and Decision Making</i> , <b>2020</b> , 20, 278	3.6	1
97	Assessment of organizational readiness to implement an electronic health record system in a low-resource settings cancer hospital: A cross-sectional survey <b>2020</b> , 15, e0234711		
96	Assessment of organizational readiness to implement an electronic health record system in a low-resource settings cancer hospital: A cross-sectional survey <b>2020</b> , 15, e0234711		
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93	Assessment of organizational readiness to implement an electronic health record system in a low-resource settings cancer hospital: A cross-sectional survey <b>2020</b> , 15, e0234711		
92	Assessment of organizational readiness to implement an electronic health record system in a low-resource settings cancer hospital: A cross-sectional survey <b>2020</b> , 15, e0234711		
91	Implementation of an Open-Source Electronic Health Record for Decision-Support Education in Medical Informatics. <i>Studies in Health Technology and Informatics</i> , <b>2020</b> , 270, 981-985	0.5	
90	Determinants and outcomes of patient access to medical records: Systematic review of systematic reviews. <i>International Journal of Medical Informatics</i> , <b>2019</b> , 129, 226-233	5.3	6
89	The Interplay of Knowledge Representation with Various Fields of Artificial Intelligence in Medicine. <i>Yearbook of Medical Informatics</i> , <b>2019</b> , 28, 27-34	4	4

88	Impact of Electronic versus Paper-Based Recording before EHR Implementation on Health Care Professionals' Perceptions of EHR Use, Data Quality, and Data Reuse. <i>Applied Clinical Informatics</i> , <b>2019</b> , 10, 199-209	3.1	8
87	Automated SNOMED CT concept and attribute relationship detection through a web-based implementation of cTAKES. <i>Journal of Biomedical Semantics</i> , <b>2019</b> , 10, 14	2.2	3
86	Quantitative analysis of manual annotation of clinical text samples. <i>International Journal of Medical Informatics</i> , <b>2019</b> , 123, 37-48	5.3	4
85	An update of the ERA-EDTA Registry primary renal disease coding system: what's new?. <i>Nephrology Dialysis Transplantation</i> , <b>2019</b> , 34, 896-898	4.3	0
84	Towards an Open-Source Oncology Electronic Medical Records System for Low-Resource Settings: Development of Chemotherapy Management in OpenMRS. <i>Studies in Health Technology and Informatics</i> , <b>2019</b> , 264, 634-638	0.5	
83	Time Spent on Dedicated Patient Care and Documentation Tasks Before and After the Introduction of a Structured and Standardized Electronic Health Record. <i>Applied Clinical Informatics</i> , <b>2018</b> , 9, 46-53	3.1	38
82	Standardization of immunotherapy adverse events in patient information leaflets and development of an interface terminology for outpatients' monitoring. <i>Journal of Biomedical Informatics</i> , <b>2018</b> , 77, 133-144	10.2	5
81	Development and validation of a model for the adoption of structured and standardised data recording among healthcare professionals. <i>BMC Medical Informatics and Decision Making</i> , <b>2018</b> , 18, 54	3.6	3
80	Recommendations for Improving the Quality of Rare Disease Registries. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	56
79	Recent Developments in Clinical Terminologies - SNOMED CT, LOINC, and RxNorm. <i>Yearbook of Medical Informatics</i> , <b>2018</b> , 27, 129-139	4	69
78	From lexical regularities to axiomatic patterns for the quality assurance of biomedical terminologies and ontologies. <i>Journal of Biomedical Informatics</i> , <b>2018</b> , 84, 59-74	10.2	3
77	Clarifying Diagnoses to Laymen by Employing the SNOMED CT Hierarchy. <i>Studies in Health Technology and Informatics</i> , <b>2018</b> , 247, 900-904	0.5	2
76	Informatics for Health 2017: Advancing both science and practice. <i>Journal of Innovation in Health Informatics</i> , <b>2017</b> , 24, 1-185		5
75	Addendum to Informatics for Health 2017: Advancing both science and practice. <i>Journal of Innovation in Health Informatics</i> , <b>2017</b> , 24, 291-310		1
74	User Requirements for an Electronic Medical Records System for Oncology in Developing Countries: A Case Study of Uganda <b>2017</b> , 2017, 1004-1013	0.7	1
73	Combining Archetypes, Ontologies and Formalization Enables Automated Computation of Quality Indicators. <i>Studies in Health Technology and Informatics</i> , <b>2017</b> , 235, 416-420	0.5	
72	Eliciting end-user expectations to guide the implementation process of a new electronic health record: A case study using concept mapping. <i>International Journal of Medical Informatics</i> , <b>2016</b> , 87, 111-75	5.3	14
71	Effect of a clinical decision support system on early action on immunological treatment failure in patients with HIV in Kenya: a cluster randomised controlled trial. <i>Lancet HIV</i> , <b>2016</b> , 3, e76-84	7.8	12

70	Health Concept and Knowledge Management: Twenty-five Years of Evolution. <i>Yearbook of Medical Informatics</i> , <b>2016</b> , Suppl 1, S32-41	4	4
69	Natural language processing in pathology: a scoping review. <i>Journal of Clinical Pathology</i> , <b>2016</b> ,	3.9	30
68	Collect Once, Use Many Times: End-Users Don't Practice What They Preach. <i>Studies in Health Technology and Informatics</i> , <b>2016</b> , 228, 252-6	0.5	
67	Semantic enrichment of clinical models towards semantic interoperability. The heart failure summary use case. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2015</b> , 22, 565-76	8.6	12
66	Intra-axiom redundancies in SNOMED CT. <i>Artificial Intelligence in Medicine</i> , <b>2015</b> , 65, 29-34	7.4	7
65	A structured approach to recording AIDS-defining illnesses in Kenya: A SNOMED CT based solution. <i>Journal of Biomedical Informatics</i> , <b>2015</b> , 56, 387-94	10.2	5
64	Clustering clinical models from local electronic health records based on semantic similarity. <i>Journal of Biomedical Informatics</i> , <b>2015</b> , 54, 294-304	10.2	15
63	End-user expectations during an electronic health record implementation: a case study in two academic hospitals. <i>Studies in Health Technology and Informatics</i> , <b>2015</b> , 210, 501-5	0.5	3
62	End-User Experiences and Expectations Regarding Data Registration and Reuse Before the Implementation of a (New) Electronic Health Record: A Case Study in Two University Hospitals. <i>Studies in Health Technology and Informatics</i> , <b>2015</b> , 216, 997	0.5	5
61	Literature review of SNOMED CT use. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2014</b> , 21, e11-9	8.6	73
60	Influence of data quality on computed Dutch hospital quality indicators: a case study in colorectal cancer surgery. <i>BMC Medical Informatics and Decision Making</i> , <b>2014</b> , 14, 32	3.6	17
59	Formalization and computation of quality measures based on electronic medical records. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2014</b> , 21, 285-91	8.6	11
58	Does SNOMED CT post-coordination scale?. <i>Studies in Health Technology and Informatics</i> , <b>2014</b> , 205, 1048-52	0.5	4
57	A survey of SNOMED CT implementations. <i>Journal of Biomedical Informatics</i> , <b>2013</b> , 46, 87-96	10.2	81
56	Renal replacement therapy registries--time for a structured data quality evaluation programme. <i>Nephrology Dialysis Transplantation</i> , <b>2013</b> , 28, 2215-20	4.3	11
55	From concept representations to ontologies: a paradigm shift in health informatics?. <i>Healthcare Informatics Research</i> , <b>2013</b> , 19, 235-42	3	19
54	Medical concept representation: the years beyond 2000. <i>Studies in Health Technology and Informatics</i> , <b>2013</b> , 192, 1011	0.5	
53	Semantic Integration of Patient Data and Quality Indicators Based on openEHR Archetypes. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 85-97	0.9	5

52	Redundant Elements in SNOMED CT Concept Definitions. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 186-195	3
51	User-directed coordination in SNOMED CT. <i>Studies in Health Technology and Informatics</i> , <b>2013</b> , 192, 72-6	0.5 2
50	Barriers to the reuse of routinely recorded clinical data: a field report. <i>Studies in Health Technology and Informatics</i> , <b>2013</b> , 192, 313-7	0.5 8
49	Composite quality of care scores, electronic health record maturity models, and their associations; preliminary literature review results. <i>Studies in Health Technology and Informatics</i> , <b>2013</b> , 192, 981	0.5 1
48	Inconsistencies between recorded opportunistic infections and WHO HIV staging in western Kenya. <i>Studies in Health Technology and Informatics</i> , <b>2013</b> , 192, 1139	0.5 2
47	A usability evaluation of a SNOMED CT based compositional interface terminology for intensive care. <i>International Journal of Medical Informatics</i> , <b>2012</b> , 81, 351-62	5.3 23
46	New primary renal diagnosis codes for the ERA-EDTA. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 4414-9	4.9 54
45	Towards the Automated Calculation of Clinical Quality Indicators. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 51-64	0.9 6
44	The reproducibility of CLIF, a method for clinical quality indicator formalisation. <i>Studies in Health Technology and Informatics</i> , <b>2012</b> , 180, 113-7	0.5 2
43	Inventory of tools for Dutch clinical language processing. <i>Studies in Health Technology and Informatics</i> , <b>2012</b> , 180, 245-9	0.5 5
42	Comparison of reasoners for large ontologies in the OWL 2 EL profile. <i>Semantic Web</i> , <b>2011</b> , 2, 71-87	2.4 95
41	The role of standardized data and terminological systems in computerized clinical decision support systems: literature review and survey. <i>International Journal of Medical Informatics</i> , <b>2011</b> , 80, 81-93	5.3 68
40	Implications of SNOMED CT versioning. <i>International Journal of Medical Informatics</i> , <b>2011</b> , 80, 442-53	5.3 9
39	Consolidating SNOMED CT's ontological commitment. <i>Applied Ontology</i> , <b>2011</b> , 6, 1-11	1.4 17
38	Data collection variation in preoperative assessment: a literature review. <i>CIN - Computers Informatics Nursing</i> , <b>2011</b> , 29, 662-70	1.4 4
37	Recording associated disorders using SNOMED CT. <i>Studies in Health Technology and Informatics</i> , <b>2011</b> , 169, 824-8	0.5
36	Construction of an interface terminology on SNOMED CT. Generic approach and its application in intensive care. <i>Methods of Information in Medicine</i> , <b>2010</b> , 49, 349-59	1.5 8
35	Facilitating pre-operative assessment guidelines representation using SNOMED CT. <i>Journal of Biomedical Informatics</i> , <b>2010</b> , 43, 883-90	10.2 13

34	Information-content-based measures for the structure of terminological systems and for data recorded using these systems. <i>Studies in Health Technology and Informatics</i> , <b>2010</b> , 160, 1075-9	0.5	2
33	Development of a national core dataset for preoperative assessment. <i>Methods of Information in Medicine</i> , <b>2009</b> , 48, 155-61	1.5	14
32	SNOMED CT's Ontological Commitment. <i>Nature Precedings</i> , <b>2009</b> ,		4
31	Definitions and Qualifiers in SNOMED CT. <i>Methods of Information in Medicine</i> , <b>2009</b> , 48, 178-183	1.5	12
30	Relationship groups in SNOMED CT. <i>Studies in Health Technology and Informatics</i> , <b>2009</b> , 150, 223-7	0.5	4
29	Definitions and qualifiers in SNOMED CT. <i>Methods of Information in Medicine</i> , <b>2009</b> , 48, 178-83	1.5	5
28	Forty years of SNOMED: a literature review. <i>BMC Medical Informatics and Decision Making</i> , <b>2008</b> , 8 Suppl 1, S2	3.6	128
27	Auditing description-logic-based medical terminological systems by detecting equivalent concept definitions. <i>International Journal of Medical Informatics</i> , <b>2008</b> , 77, 336-45	5.3	20
26	Post-coordination in practice: evaluating compositional terminological system-based registration of ICU reasons for admission. <i>International Journal of Medical Informatics</i> , <b>2008</b> , 77, 828-35	5.3	4
25	Development and application of a framework for maintenance of medical terminological systems. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2008</b> , 15, 687-700	8.6	9
24	Diversity in preoperative-assessment data collection, a literature review. <i>Studies in Health Technology and Informatics</i> , <b>2008</b> , 136, 127-32	0.5	4
23	Do SNOMED CT relationships qualify?. <i>Studies in Health Technology and Informatics</i> , <b>2008</b> , 136, 785-90	0.5	2
22	Design and implementation of an ICU incident registry. <i>International Journal of Medical Informatics</i> , <b>2007</b> , 76, 103-8	5.3	5
21	Debugging Incoherent Terminologies. <i>Journal of Automated Reasoning</i> , <b>2007</b> , 39, 317-349	1	102
20	A framework for characterizing terminological systems. <i>Methods of Information in Medicine</i> , <b>2006</b> , 45, 253-66	1.5	6
19	protégé as a vehicle for developing medical terminological systems. <i>International Journal of Human Computer Studies</i> , <b>2005</b> , 62, 639-663	4.6	15
18	Description logic-based methods for auditing frame-based medical terminological systems. <i>Artificial Intelligence in Medicine</i> , <b>2005</b> , 34, 201-17	7.4	12
17	Two DL-based methods for auditing medical terminological systems <b>2005</b> , 166-70	0.7	4

16	Terminological system maintenance: a procedures framework and an exploration of current practice. <i>Studies in Health Technology and Informatics</i> , <b>2005</b> , 116, 701-6	0.5	2
15	The specification of a frame-based medical terminological system in Protégé. <i>Studies in Health Technology and Informatics</i> , <b>2004</b> , 107, 317-21	0.5	
14	Logical support for terminological modeling. <i>Studies in Health Technology and Informatics</i> , <b>2004</b> , 107, 439-43	0.5	1
13	Overcoming barriers to evaluation of terminological systems. <i>Studies in Health Technology and Informatics</i> , <b>2004</b> , 107, 497-501	0.5	
12	Using Description Logics for Managing Medical Terminologies. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 61-70	0.9	4
11	Evaluation of a frame-based ontology: a formalization-oriented approach. <i>Studies in Health Technology and Informatics</i> , <b>2002</b> , 90, 488-93	0.5	
10	Renal replacement therapy in Europe: the results of a collaborative effort by the ERA-EDTA registry and six national or regional registries. <i>Nephrology Dialysis Transplantation</i> , <b>2001</b> , 16, 1120-9	4.3	240
9	Higher harmonics of vibrating gas-filled microspheres. Part one: simulations. <i>Ultrasonics</i> , <b>1994</b> , 32, 447-453	3.5	291
8	HERMES: a health care workstation integration architecture. <i>International Journal of Bio-medical Computing</i> , <b>1994</b> , 34, 267-75		16
7	Higher harmonics of vibrating gas-filled microspheres. Part two: measurements. <i>Ultrasonics</i> , <b>1994</b> , 32, 455-459	3.5	147
6	A Review of AI and Data Science Support for Cancer Management		1
5	The de novo FAIRification process of a registry for vascular anomalies		4
4	De-novo FAIRification via an Electronic Data Capture system by automated transformation of filled electronic Case Report Forms into machine-readable data		4
3	Semantic modelling of Common Data Elements for Rare Disease registries, and a prototype workflow for their deployment over registry data		1
2	FAIR4Health: Findable, Accessible, Interoperable and Reusable data to foster Health Research. <i>Open Research Europe</i> , 2, 34		
1	FAIR4Health: Findable, Accessible, Interoperable and Reusable data to foster Health Research. <i>Open Research Europe</i> , 2, 34		0