

# Ronald Cornet

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3211571/ronald-cornet-publications-by-citations.pdf>

**Version:** 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Higher harmonics of vibrating gas-filled microspheres. Part one: simulations. <i>Ultrasonics</i> , <b>1994</b> , 32, 447-453	3.3	291
122	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
121	Higher harmonics of vibrating gas-filled microspheres. Part two: measurements. <i>Ultrasonics</i> , <b>1994</b> , 32, 455-459	3.5	147
120	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
119	Debugging Incoherent Terminologies. <i>Journal of Automated Reasoning</i> , <b>2007</b> , 39, 317-349	1	102
118	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
117	A survey of SNOMED CT implementations. <i>Journal of Biomedical Informatics</i> , <b>2013</b> , 46, 87-96	10.2	81
116	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
115	Recent Developments in Clinical Terminologies - SNOMED CT, LOINC, and RxNorm. <i>Yearbook of Medical Informatics</i> , <b>2018</b> , 27, 129-139	4	69
114	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
113	FAIR Principles: Interpretations and Implementation Considerations. <i>Data Intelligence</i> , <b>2020</b> , 2, 10-29	3	66
112	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
111	New primary renal diagnosis codes for the ERA-EDTA. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 4414-9	4.9	54
110	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
109	Natural language processing in pathology: a scoping review. <i>Journal of Clinical Pathology</i> , <b>2016</b> ,	3.9	30
108	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
107	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

106	From concept representations to ontologies: a paradigm shift in health informatics?. <i>Healthcare Informatics Research</i> , <b>2013</b> , 19, 235-42	3	19
105	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
104	Consolidating SNOMED CT's ontological commitment. <i>Applied Ontology</i> , <b>2011</b> , 6, 1-11	1.4	17
103	HERMES: a health care workstation integration architecture. <i>International Journal of Bio-medical Computing</i> , <b>1994</b> , 34, 267-75		16
102	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
101	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
100	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
99	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
98	Facilitating pre-operative assessment guidelines representation using SNOMED CT. <i>Journal of Biomedical Informatics</i> , <b>2010</b> , 43, 883-90	10.2	13
97	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
96	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
95	Definitions and Qualifiers in SNOMED CT. <i>Methods of Information in Medicine</i> , <b>2009</b> , 48, 178-183	1.5	12
94	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
93	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
92	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
91	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
90	Implications of SNOMED CT versioning. <i>International Journal of Medical Informatics</i> , <b>2011</b> , 80, 442-53	5.3	9
89	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

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	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
86	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
85	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
84	Intra-axiom redundancies in SNOMED CT. <i>Artificial Intelligence in Medicine</i> , <b>2015</b> , 65, 29-34	7.4	7
83	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
82	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
81	Towards the Automated Calculation of Clinical Quality Indicators. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 51-64	0.9	6
80	A framework for characterizing terminological systems. <i>Methods of Information in Medicine</i> , <b>2006</b> , 45, 253-66	1.5	6
79	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
78	Informatics for Health 2017: Advancing both science and practice. <i>Journal of Innovation in Health Informatics</i> , <b>2017</b> , 24, 1-185		5
77	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
76	Design and implementation of an ICU incident registry. <i>International Journal of Medical Informatics</i> , <b>2007</b> , 76, 103-8	5.3	5
75	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
74	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
73	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
72	Definitions and qualifiers in SNOMED CT. <i>Methods of Information in Medicine</i> , <b>2009</b> , 48, 178-83	1.5	5
71	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

70	SNOMED CT <sup>®</sup> Ontological Commitment. <i>Nature Precedings</i> , <b>2009</b> ,		4
69	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
68	Two DL-based methods for auditing medical terminological systems <b>2005</b> , 166-70	0.7	4
67	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
66	Using Description Logics for Managing Medical Terminologies. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 61-70	0.9	4
65	Data collection variation in preoperative assessment: a literature review. <i>CIN - Computers Informatics Nursing</i> , <b>2011</b> , 29, 662-70	1.4	4
64	The de novo FAIRification process of a registry for vascular anomalies		4
63	De-novo FAIRification via an Electronic Data Capture system by automated transformation of filled electronic Case Report Forms into machine-readable data		4
62	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
61	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
60	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
59	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
58	Relationship groups in SNOMED CT. <i>Studies in Health Technology and Informatics</i> , <b>2009</b> , 150, 223-7	0.5	4
57	Does SNOMED CT post-coordination scale?. <i>Studies in Health Technology and Informatics</i> , <b>2014</b> , 205, 1048-52	8.5	4
56	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
55	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
54	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
53	Redundant Elements in SNOMED CT Concept Definitions. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 186-195		3

52	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, 104055	5.3	3
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	Do SNOMED CT relationships qualify?.. <i>Studies in Health Technology and Informatics</i> , <b>2008</b> , 136, 785-90	0.5	2
43	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
42	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
41	User-directed coordination in SNOMED CT. <i>Studies in Health Technology and Informatics</i> , <b>2013</b> , 192, 72-6	0.5	2
40	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
39	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
38	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
37	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
36	A Review of AI and Data Science Support for Cancer Management		1
35	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

34	Coding practice in national and regional kidney biopsy registries. <i>BMC Nephrology</i> , <b>2021</b> , 22, 193	2.7	1
33	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 <sup>6</sup>		1
32	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
31	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
30	Semantic modelling of Common Data Elements for Rare Disease registries, and a prototype workflow for their deployment over registry data		1
29	Logical support for terminological modeling. <i>Studies in Health Technology and Informatics</i> , <b>2004</b> , 107, 439-43	0.5	1
28	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
27	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
26	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
25	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
24	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
23	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 <sup>9</sup>	4.3	0
22	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
21	FAIR4Health: Findable, Accessible, Interoperable and Reusable data to foster Health Research. <i>Open Research Europe</i> , <b>2021</b> , 2, 34		0
20	Medical concept representation: the years beyond 2000. <i>Studies in Health Technology and Informatics</i> , <b>2013</b> , 192, 1011	0.5	
19	Investigating the Scientific 'Infodemic' Phenomenon Related to the COVID-19 Pandemic. <i>Yearbook of Medical Informatics</i> , <b>2021</b> , 30, 245-256	4	
18	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	
17	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	

16	Overcoming barriers to evaluation of terminological systems. <i>Studies in Health Technology and Informatics</i> , <b>2004</b> , 107, 497-501	0.5
15	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
14	Recording associated disorders using SNOMED CT. <i>Studies in Health Technology and Informatics</i> , <b>2011</b> , 169, 824-8	0.5
13	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
12	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
11	FAIR4Health: Findable, Accessible, Interoperable and Reusable data to foster Health Research. <i>Open Research Europe</i> , <b>2</b> , 34	
10	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
9	Diagnosis clarification by generalization to patient-friendly terms and definitions: Validation study.. <i>Journal of Biomedical Informatics</i> , <b>2022</b> , 104071	10.2
8	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	
7	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	
6	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	
5	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	
4	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	
3	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	
2	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
1	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