

# Sylvia Thun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3998172/publications.pdf>

Version: 2024-02-01

30  
papers

693  
citations

933447

10  
h-index

677142

22  
g-index

45  
all docs

45  
docs citations

45  
times ranked

874  
citing authors

#	ARTICLE	IF	CITATIONS
1	Why digital medicine depends on interoperability. Npj Digital Medicine, 2019, 2, 79.	10.9	197
2	The use of machine learning in rare diseases: a scoping review. Orphanet Journal of Rare Diseases, 2020, 15, 145.	2.7	95
3	The German Corona Consensus Dataset (GECCO): a standardized dataset for COVID-19 research in university medicine and beyond. BMC Medical Informatics and Decision Making, 2020, 20, 341.	3.0	54
4	The Use of FHIR in Digital Health - A Review of the Scientific Literature. Studies in Health Technology and Informatics, 2019, 267, 52-58.	0.3	48
5	Fast Healthcare Interoperability Resources (FHIR) for Interoperability in Health Research: Systematic Review. JMIR Medical Informatics, 2022, 10, e35724.	2.6	44
6	The GA4GH Phenopacket schema defines a computable representation of clinical data. Nature Biotechnology, 2022, 40, 817-820.	17.5	38
7	LOINC(R) Codes for Hospital Information Systems Documents: A Case Study. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 400-403.	4.4	26
8	Interdisciplinary Online Hackathons as an Approach to Combat the COVID-19 Pandemic: Case Study. Journal of Medical Internet Research, 2021, 23, e25283.	4.3	24
9	Clinical Imaging Research: Higher Evidence, Global Collaboration, Improved Reporting, and Data Sharing Are the Grand Challenges. Radiology, 2019, 291, 547-552.	7.3	15
10	Quantitative analysis of manual annotation of clinical text samples. International Journal of Medical Informatics, 2019, 123, 37-48.	3.3	15
11	Harmonization and standardization of data for a pan-European cohort on SARS- CoV-2 pandemic. Npj Digital Medicine, 2022, 5, .	10.9	13
12	Towards Interoperability in Clinical Research - Enabling FHIR on the Open-Source Research Platform XNAT. Journal of Medical Systems, 2020, 44, 137.	3.6	11
13	Fast Healthcare Interoperability Resources (FHIR) in a FAIR Metadata Registry for COVID-19 Research. Studies in Health Technology and Informatics, 2021, 287, 73-77.	0.3	9
14	From OpenEHR to FHIR and OMOP Data Model for Microbiology Findings. Studies in Health Technology and Informatics, 2021, 281, 402-406.	0.3	6
15	Mapping Equivalence of German Emergency Department Medical Record Concepts with SNOMED CT After Implementation with HL7 CDA. Studies in Health Technology and Informatics, 2017, 243, 175-179.	0.3	6
16	A Secure Multi-Party Computation Protocol for Time-To-Event Analyses. Studies in Health Technology and Informatics, 2020, 270, 8-12.	0.3	4
17	Disseminating a Standard for Medical Records in Emergency Departments Among Different Software Vendors Using HL7 CDA. Studies in Health Technology and Informatics, 2017, 243, 132-136.	0.3	4
18	LOINC in Prehospital Emergency Medicine in Germany – Experience of the `DIRKÄ'-Project. Methods of Information in Medicine, 2014, 53, 87-91.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Accessing the ECG Data of the Apple Watch and Accomplishing Interoperability Through FHIR. <i>Studies in Health Technology and Informatics</i> , 2021, 278, 245-250.	0.3	3
20	Fast Healthcare Interoperability Resources (FHIR®) Representation of Medication Data Derived from German Procedure Classification Codes (OPS) Using Identification of Medicinal Products (IDMP) Compliant Terminology. <i>Studies in Health Technology and Informatics</i> , 2021, 278, 231-236.	0.3	3
21	Standardizing Germany's Electronic Disease Management Program for Bronchial Asthma. <i>Studies in Health Technology and Informatics</i> , 2019, 267, 81-85.	0.3	3
22	Fast Healthcare Interoperability Resources (FHIR) for Clinical, Epidemiological and Public Health Research: A Systematic Review. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
23	Use of LOINC and SNOMED CT with FHIR for Microbiology Data. <i>Studies in Health Technology and Informatics</i> , 2021, 278, 156-162.	0.3	2
24	InteroperabilitÄt â€“ IT-Standards fÃ¼r telemedizinische Netze. , 2021, , 389-399.		2
25	Evaluation of current genetic testing reports in German-speaking countries with regard to secondary use and future electronic implementation. <i>European Journal of Human Genetics</i> , 2020, 28, 558-566.	2.8	1
26	Evaluating Suitability of SNOMED CT in Structured Searches for COVID-19 Studies. <i>Studies in Health Technology and Informatics</i> , 2021, 281, 88-92.	0.3	1
27	Motivating Developers to Use Interoperable Standards for Data in Pandemic Health Apps. <i>Studies in Health Technology and Informatics</i> , 2021, 281, 1027-1028.	0.3	0
28	Postcoordination of LOINC Codes in SNOMED CT. <i>Studies in Health Technology and Informatics</i> , 2021, 278, 19-26.	0.3	0
29	Der GECCO Datensatz fÃ¼r die COVID-19-Forschung. , 2022, , 505-516.		0
30	Comparing Two Standardized Value Sets of Infectious Agents: Implications for Semantic Interoperability. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 1574-1575.	0.3	0