

# Sylvia Thun

## List of Publications by Year in descending order

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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  | Der GECCO Datensatz für die COVID-19-Forschung., 2022, , 505-516.  |      | 0         |
| 2  | Fast Healthcare Interoperability Resources (FHIR) for Interoperability in Health Research: Systematic Review. JMIR Medical Informatics, 2022, 10, e35724.  | 2.6  | 44        |
| 3  | Harmonization and standardization of data for a pan-European cohort on SARS- CoV-2 pandemic. Npj Digital Medicine, 2022, 5, .  | 10.9 | 13        |
| 4  | The GA4GH Phenopacket schema defines a computable representation of clinical data. Nature Biotechnology, 2022, 40, 817-820.  | 17.5 | 38        |
| 5  | 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        |
| 6  | Accessing the ECG Data of the Apple Watch and Accomplishing Interoperability Through FHIR. Studies in Health Technology and Informatics, 2021, 278, 245-250.   | 0.3  | 3         |
| 7  | Fast Healthcare Interoperability Resources (FHIR®) Representation of Medication Data Derived from German Procedure Classification Codes (OPS) Using Identification of Medicinal Products (IDMP) Compliant Terminology. Studies in Health Technology and Informatics, 2021, 278, 231-236. | 0.3  | 3         |
| 8  | Use of LOINC and SNOMED CT with FHIR for Microbiology Data. Studies in Health Technology and Informatics, 2021, 278, 156-162.  | 0.3  | 2         |
| 9  | Evaluating Suitability of SNOMED CT in Structured Searches for COVID-19 Studies. Studies in Health Technology and Informatics, 2021, 281, 88-92.   | 0.3  | 1         |
| 10 | From OpenEHR to FHIR and OMOP Data Model for Microbiology Findings. Studies in Health Technology and Informatics, 2021, 281, 402-406.  | 0.3  | 6         |
| 11 | Motivating Developers to Use Interoperable Standards for Data in Pandemic Health Apps. Studies in Health Technology and Informatics, 2021, 281, 1027-1028.   | 0.3  | 0         |
| 12 | Postcoordination of LOINC Codes in SNOMED CT. Studies in Health Technology and Informatics, 2021, 278, 19-26.  | 0.3  | 0         |
| 13 | Interoperabilität – IT-Standards für telemedizinische Netze. , 2021, , 389-399.  |      | 2         |
| 14 | 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         |
| 15 | Towards Interoperability in Clinical Research - Enabling FHIR on the Open-Source Research Platform XNAT. Journal of Medical Systems, 2020, 44, 137.  | 3.6  | 11        |
| 16 | The use of machine learning in rare diseases: a scoping review. Orphanet Journal of Rare Diseases, 2020, 15, 145.  | 2.7  | 95        |
| 17 | Evaluation of current genetic testing reports in German-speaking countries with regard to secondary use and future electronic implementation. European Journal of Human Genetics, 2020, 28, 558-566.   | 2.8  | 1         |
| 18 | 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        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | A Secure Multi-Party Computation Protocol for Time-To-Event Analyses. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 8-12.   | 0.3  | 4         |
| 20 | Why digital medicine depends on interoperability. <i>Npj Digital Medicine</i> , 2019, 2, 79.   | 10.9 | 197       |
| 21 | Clinical Imaging Research: Higher Evidence, Global Collaboration, Improved Reporting, and Data Sharing Are the Grand Challenges. <i>Radiology</i> , 2019, 291, 547-552.                                | 7.3  | 15        |
| 22 | Quantitative analysis of manual annotation of clinical text samples. <i>International Journal of Medical Informatics</i> , 2019, 123, 37-48.   | 3.3  | 15        |
| 23 | The Use of FHIR in Digital Health - A Review of the Scientific Literature. <i>Studies in Health Technology and Informatics</i> , 2019, 267, 52-58.   | 0.3  | 48        |
| 24 | 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         |
| 25 | 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         |
| 26 | Disseminating a Standard for Medical Records in Emergency Departments Among Different Software Vendors Using HL7 CDA. <i>Studies in Health Technology and Informatics</i> , 2017, 243, 132-136.        | 0.3  | 4         |
| 27 | Mapping Equivalence of German Emergency Department Medical Record Concepts with SNOMED CT After Implementation with HL7 CDA. <i>Studies in Health Technology and Informatics</i> , 2017, 243, 175-179. | 0.3  | 6         |
| 28 | LOINC in Prehospital Emergency Medicine in Germany – Experience of the ‘DIRKÄ’-Project. <i>Methods of Information in Medicine</i> , 2014, 53, 87-91.   | 1.2  | 3         |
| 29 | LOINC(R) Codes for Hospital Information Systems Documents: A Case Study. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2009, 16, 400-403.                                    | 4.4  | 26        |
| 30 | Fast Healthcare Interoperability Resources (FHIR) for Clinical, Epidemiological and Public Health Research: A Systematic Review. <i>SSRN Electronic Journal</i> , 0, , .                               | 0.4  | 2         |