

Martin Sedlmayr

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

781
citations

840585

11
h-index

610775

24
g-index

49
all docs

49
docs citations

49
times ranked

1062
citing authors

#	ARTICLE	IF	CITATIONS
1	Regional responsibility and coordination of appropriate inpatient care capacities for patients with COVID-19 – the German DISPENSE model. PLoS ONE, 2022, 17, e0262491.	1.1	77
2	Improving COVID-19 Research of University Hospitals in Germany: Formative Usability Evaluation of the CODEX Feasibility Portal. Applied Clinical Informatics, 2022, 13, 400-409.	0.8	7
3	Opportunities of Digital Infrastructures for Disease Management – Exemplified on COVID-19-Related Change in Diagnosis Counts for Diabetes-Related Eye Diseases. Nutrients, 2022, 14, 2016.	1.7	4
4	User-Centred Development of a Diagnosis Support System for Rare Diseases. Studies in Health Technology and Informatics, 2022, 293, 11-18.	0.2	2
5	Towards the Improvement of Clinical Guidelines Based on Real World Data. Studies in Health Technology and Informatics, 2022, , .	0.2	0
6	Evaluation and Challenges of Medical Procedure Data Harmonization to SNOMED-CT for Observational Research. Studies in Health Technology and Informatics, 2022, , .	0.2	1
7	An OHDSI ATLAS Extension to Support Feasibility Requests in a Research Network. Studies in Health Technology and Informatics, 2022, , .	0.2	0
8	Evaluation of a clinical decision support system for rare diseases: a qualitative study. BMC Medical Informatics and Decision Making, 2021, 21, 65.	1.5	20
9	Generating Enriched Synthetic German Hospital Claims Data – A Use Case Driven Approach. Studies in Health Technology and Informatics, 2021, 278, 58-65.	0.2	1
10	Evaluation of Three Feasibility Tools for Identifying Patient Data and Biospecimen Availability: Comparative Usability Study. JMIR Medical Informatics, 2021, 9, e25531.	1.3	8
11	German Medical Data Sciences in Studies in Health Technology and Informatics – Reflections on the Fifth Volume. Studies in Health Technology and Informatics, 2021, 283, 3-11.	0.2	0
12	An individualized decision aid for physicians and patients for total knee replacement in osteoarthritis (Value-based TKR study): study protocol for a multi-center, stepped wedge, cluster randomized controlled trial. BMC Musculoskeletal Disorders, 2021, 22, 783.	0.8	7
13	Personalisierte Medizin live erleben. , 2021, , 13-27.		0
14	Interviews with experts in rare diseases for the development of clinical decision support system software - a qualitative study. BMC Medical Informatics and Decision Making, 2020, 20, 230.	1.5	8
15	Data Model Requirements for a Digital Cognitive Aid for Anesthesia to Support Intraoperative Crisis Management. Applied Clinical Informatics, 2020, 11, 190-199.	0.8	3
16	Design for a Modular Clinical Trial Recruitment Support System Based on FHIR and OMOP. Studies in Health Technology and Informatics, 2020, 270, 158-162.	0.2	10
17	The Status Quo of Rare Diseases Centres for the Development of a Clinical Decision Support System - A Cross-Sectional Study. Studies in Health Technology and Informatics, 2020, 271, 176-183.	0.2	2
18	Formal Modelling of FHIR Based, Medical Data Exchange Using Algebraic Petri Nets. Studies in Health Technology and Informatics, 2020, 270, 597-601.	0.2	2

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19	Specification and Distribution of Vocabularies Among Consortial Partners. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 1393-1394.	0.2	1
20	A method for the graphical modeling of relative temporal constraints. <i>Journal of Biomedical Informatics</i> , 2019, 100, 103314.	2.5	13
21	Experiences of Transforming a Complex Nephrologic Care and Research Database into i2b2 Using the IDRT Tools. <i>Journal of Healthcare Engineering</i> , 2019, 2019, 1-10.	1.1	5
22	User-centered design of a mobile medication management. <i>Informatics for Health and Social Care</i> , 2019, 44, 152-163.	1.4	16
23	A Digital Cognitive Aid for Anesthesia to Support Intraoperative Crisis Management: Results of the User-Centered Design Process. <i>JMIR MHealth and UHealth</i> , 2019, 7, e13226.	1.8	26
24	Using Arden Syntax for the creation of a multi-patient surveillance dashboard. <i>Artificial Intelligence in Medicine</i> , 2018, 92, 88-94.	3.8	7
25	Accessing complex patient data from Arden Syntax Medical Logic Modules. <i>Artificial Intelligence in Medicine</i> , 2018, 92, 95-102.	3.8	5
26	eHealth literacy research – Quo vadis?. <i>Informatics for Health and Social Care</i> , 2018, 43, 427-442.	1.4	110
27	MIRACUM: Medical Informatics in Research and Care in University Medicine. <i>Methods of Information in Medicine</i> , 2018, 57, e82-e91.	0.7	84
28	Semi-automated De-identification of German Content Sensitive Reports for Big Data Analytics. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2017, 189, 661-671.	0.7	4
29	Acceptance by laypersons and medical professionals of the personalized eHealth platform, eHealthMonitor. <i>Informatics for Health and Social Care</i> , 2017, 42, 232-249.	1.4	10
30	Integrating clinical decision support systems for pharmacogenomic testing into clinical routine - a scoping review of designs of user-system interactions in recent system development. <i>BMC Medical Informatics and Decision Making</i> , 2017, 17, 81.	1.5	43
31	Two Years of transSMART in a University Hospital for Translational Research and Education. <i>Studies in Health Technology and Informatics</i> , 2017, 236, 70-79.	0.2	3
32	The Clinical Data Intelligence Project. <i>Informatik-Spektrum</i> , 2016, 39, 290-300.	1.0	14
33	Health Economic Impact of a Pulmonary Artery Pressure Sensor for Heart Failure Telemonitoring: A Dynamic Simulation. <i>Telemedicine Journal and E-Health</i> , 2016, 22, 798-808.	1.6	12
34	Optimizing R with SparkR on a commodity cluster for biomedical research. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 137, 321-328.	2.6	4
35	Health Economic Impact of a Pulmonary Artery Pressure Sensor for Heart Failure Telemonitoring: A Dynamic Simulation. <i>Telemedicine Journal and E-Health</i> , 2016, , .	1.6	1
36	Usefulness of a Tailored eHealth Service for Informal Caregivers and Professionals in the Dementia Treatment and Care Setting: The eHealthMonitor Dementia Portal. <i>JMIR Research Protocols</i> , 2016, 5, e47.	0.5	47

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37	Exploiting Latent Embeddings of Nominal Clinical Data for Predicting Hospital Readmission. KI - Kunstliche Intelligenz, 2015, 29, 153-159.	2.2	9
38	A scoping review of cloud computing in healthcare. BMC Medical Informatics and Decision Making, 2015, 15, 17.	1.5	159
39	Technology foresight for medical device development through hybrid simulation: The ProHTA Project. Technological Forecasting and Social Change, 2015, 97, 105-114.	6.2	33
40	Key factors for a successful implementation of personalized e-health services. Studies in Health Technology and Informatics, 2013, 192, 965.	0.2	12
41	Smart Objects in Healthcare: Impact on Clinical Logistics. , 2012, , 293-312.		1
42	Towards a smart object network for clinical services. AMIA ... Annual Symposium proceedings, 2009, 2009, 578-82.	0.2	0
43	Automating Standard Operating Procedures in Intensive Care. Lecture Notes in Computer Science, 2007, , 516-530.	1.0	3
44	Online guideline assist in intensive care medicine--is the login-authentication a sufficient trigger for reminders?. Studies in Health Technology and Informatics, 2006, 124, 561-8.	0.2	4
45	Agent-Based Information Logistics. , 0, , 239-254.		0