Martin Sedlmayr

List of Publications by Year
in descending order

45	781	840585 11	610775 24
papers	citations	h-index	g-index

49	49	49	1062
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A scoping review of cloud computing in healthcare. BMC Medical Informatics and Decision Making, 2015, 15, 17.	1.5	159
2	eHealth literacy researchâ€"Quo vadis?. Informatics for Health and Social Care, 2018, 43, 427-442.	1.4	110
3	MIRACUM: Medical Informatics in Research and Care in University Medicine. Methods of Information in Medicine, 2018, 57, e82-e91.	0.7	84
4	Regional responsibility and coordination of appropriate inpatient care capacities for patients with COVID-19 â€“ the German DISPENSE model. PLoS ONE, 2022, 17, e0262491.	1.1	77
5	Usefulness of a Tailored eHealth Service for Informal Caregivers and Professionals in the Dementia Treatment and Care Setting: The eHealthMonitor Dementia Portal. JMIR Research Protocols, 2016, 5, e47.	0.5	47
6	Integrating clinical decision support systems for pharmacogenomic testing into clinical routine - a scoping review of designs of user-system interactions in recent system development. BMC Medical Informatics and Decision Making, 2017, 17, 81.	1.5	43
7	Technology foresight for medical device development through hybrid simulation: The ProHTA Project. Technological Forecasting and Social Change, 2015, 97, 105-114.	6.2	33
8	A Digital Cognitive Aid for Anesthesia to Support Intraoperative Crisis Management: Results of the User-Centered Design Process. JMIR MHealth and UHealth, 2019, 7, e13226.	1.8	26
9	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
10	User-centered design of a mobile medication management. Informatics for Health and Social Care, 2019, 44, 152-163.	1.4	16
11	The Clinical Data Intelligence Project. Informatik-Spektrum, 2016, 39, 290-300.	1.0	14
12	A method for the graphical modeling of relative temporal constraints. Journal of Biomedical Informatics, 2019, 100, 103314.	2.5	13
13	Health Economic Impact of a Pulmonary Artery Pressure Sensor for Heart Failure Telemonitoring: A Dynamic Simulation. Telemedicine Journal and E-Health, 2016, 22, 798-808.	1.6	12
14	Key factors for a successful implementation of personalized e-health services. Studies in Health Technology and Informatics, 2013, 192, 965.	0.2	12
15	Acceptance by laypersons and medical professionals of the personalized eHealth platform, eHealthMonitor. Informatics for Health and Social Care, 2017, 42, 232-249.	1.4	10
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	Exploiting Latent Embeddings of Nominal Clinical Data for Predicting Hospital Readmission. KI - Kunstliche Intelligenz, 2015, 29, 153-159.	2.2	9
18	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

#	Article	IF	Citations
19	Evaluation of Three Feasibility Tools for Identifying Patient Data and Biospecimen Availability: Comparative Usability Study. JMIR Medical Informatics, 2021, 9, e25531.	1.3	8
20	Using Arden Syntax for the creation of a multi-patient surveillance dashboard. Artificial Intelligence in Medicine, 2018, 92, 88-94.	3.8	7
21	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
22	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
23	Accessing complex patient data from Arden Syntax Medical Logic Modules. Artificial Intelligence in Medicine, 2018, 92, 95-102.	3.8	5
24	Experiences of Transforming a Complex Nephrologic Care and Research Database into i2b2 Using the IDRT Tools. Journal of Healthcare Engineering, 2019, 2019, 1-10.	1.1	5
25	Optimizing R with SparkR on a commodity cluster for biomedical research. Computer Methods and Programs in Biomedicine, 2016, 137, 321-328.	2.6	4
26	Semi-automated De-identification of German Content Sensitive Reports for Big Data Analytics. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2017, 189, 661-671.	0.7	4
27	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
28	Opportunities of Digital Infrastructures for Disease Managementâ€"Exemplified on COVID-19-Related Change in Diagnosis Counts for Diabetes-Related Eye Diseases. Nutrients, 2022, 14, 2016.	1.7	4
29	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
30	Automating Standard Operating Procedures in Intensive Care. Lecture Notes in Computer Science, 2007, , 516-530.	1.0	3
31	Two Years of tranSMART in a University Hospital for Translational Research and Education. Studies in Health Technology and Informatics, 2017, 236, 70-79.	0.2	3
32	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
33	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
34	User-Centred Development of a Diagnosis Support System for Rare Diseases. Studies in Health Technology and Informatics, 2022, 293, 11-18.	0.2	2
35	Smart Objects in Healthcare: Impact on Clinical Logistics. , 2012, , 293-312.		1
36	Health Economic Impact of a Pulmonary Artery Pressure Sensor for Heart Failure Telemonitoring: A Dynamic Simulation. Telemedicine Journal and E-Health, 2016, , .	1.6	1

#	Article	IF	Citations
37	Generating Enriched Synthetic German Hospital Claims Data â€“ A Use Case Driven Approach. Studies in Health Technology and Informatics, 2021, 278, 58-65.	0.2	1
38	Specification and Distribution of Vocabularies Among Consortial Partners. Studies in Health Technology and Informatics, 2020, 270, 1393-1394.	0.2	1
39	Evaluation and Challenges of Medical Procedure Data Harmonization to SNOMED-CT for Observational Research. Studies in Health Technology and Informatics, 2022, , .	0.2	1
40	German Medical Data Sciences in Studies in Health Technology and Informatics â€“ Reflections on the Fifth Volume. Studies in Health Technology and Informatics, 2021, 283, 3-11.	0.2	0
41	Agent-Based Information Logistics. , 0, , 239-254.		0
42	Personalisierte Medizin live erleben. , 2021, , 13-27.		0
43	Towards a smart object network for clinical services. AMIA ... Annual Symposium proceedings, 2009, 2009, 578-82.	0.2	0
44	Towards the Improvement of Clinical Guidelines Based on Real World Data. Studies in Health Technology and Informatics, 2022, , .	0.2	0
45	An OHDSI ATLAS Extension to Support Feasibility Requests in a Research Network. Studies in Health Technology and Informatics, 2022, , .	0.2	0