Kerstin Denecke

List of Publications by Year
in descending order

112 papers	1,911 citations	567144 15 h-index	377752 34 g-index
134 all docs	134 docs citations	134 times ranked	2084 citing authors

#	Article	IF	Citations
1	Security, privacy, and healthcare-related conversational agents: a scoping review. Informatics for Health and Social Care, 2022, 47, 194-210.	1.4	22
2	Implementation of Cognitive Behavioral Therapy in eâ€“Mental Health Apps: Literature Review. Journal of Medical Internet Research, 2022, 24, e27791.	2.1	23
3	Intervention Platform for Action Observation and Motor Imagery Training After Stroke: Usability Test. Studies in Health Technology and Informatics, 2022, 292, 71-74.	0.2	2
4	Classifying Numbers from EEG Data â€“ Which Neural Network Architecture Performs Best?. Studies in Health Technology and Informatics, 2022, 292, 103-106.	0.2	1
5	Participatory Development of an Image-Based Communication Aid for Migrant Patients and Emergency Nurses. Studies in Health Technology and Informatics, 2022, 292, 15-20.	0.2	1
6	Digital Medical Interview Assistant for Radiology: Opportunities and Challenges. Studies in Health Technology and Informatics, 2022, 293, 39-46.	0.2	2
7	Usability Assessment of Conversational Agents in Healthcare: A Literature Review. Studies in Health Technology and Informatics, 2022, , .	0.2	7
8	Usability Testing of a Social Media Chatbot for Increasing Physical Activity Behavior. Journal of Personalized Medicine, 2022, 12, 828.	1.1	7
9	Social Media, Digital Health Literacy, and Digital Ethics in the Light of Health Equity. Yearbook of Medical Informatics, 2022, 31, 082-087.	0.8	6
10	Does Enrichment of Clinical Texts by Ontology Concepts Increases Classification Accuracy?. Studies in Health Technology and Informatics, 2022, , .	0.2	0
11	Can We Do Better than Gesturing? Requirements for a Digital Communication Aid to Support Non-Verbal Communication in Paediatric Emergency Care. Studies in Health Technology and Informatics, 2022, , .	0.2	0
12	A Mental Health Chatbot for Regulating Emotions (SERMO) - Concept and Usability Test. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 1170-1182.	3.2	84
13	Biomedical Standards and Open Health Data. , 2021, , 521-531.		0
14	Perceptions and Opinions of Patients About Mental Health Chatbots: Scoping Review. Journal of Medical Internet Research, 2021, 23, e17828.	2.1	113
15	Artificial Intelligence for Chatbots in Mental Health: Opportunities and Challenges. Lecture Notes in Bioengineering, 2021, , 115-128.	0.3	36
16	Defining participatory health informatics â€“ a scoping review. Informatics for Health and Social Care, 2021, 46, 234-243.	1.4	16
17	Role of Participatory Health Informatics in Detecting and Managing Pandemics: Literature Review. Yearbook of Medical Informatics, 2021, 30, 200-209.	0.8	2
18	How Artificial Intelligence for Healthcare Look Like in the Future?. Studies in Health Technology and Informatics, 2021, 281, 860-864.	0.2	3

#	Article	IF	Citations
19	Crowdsourcing for Creating a Dataset for Training a Medication Chatbot. Studies in Health Technology and Informatics, 2021, 281, 1102-1103.	0.2	0
20	Operations Management in Ambulatory Care in Switzerland. Studies in Health Technology and Informatics, 2021, 279, 10-17.	0.2	0
21	Digital Health Intervention to Support Refugees in Switzerland. Studies in Health Technology and Informatics, 2021, 279, 95-102.	0.2	2
22	Developing Intelligent Interviewers to Collect the Medical History: Lessons Learned and Guidelines. Studies in Health Technology and Informatics, 2021, 279, 18-25.	0.2	5
23	What Characterizes Safety of Ambient Assisted Living Technologies?. Studies in Health Technology and Informatics, 2021, 281, 704-708.	0.2	1
24	Social Media Chatbot for Increasing Physical Activity: Usability Study. Studies in Health Technology and Informatics, 2021, 285, 227-232.	0.2	6
25	Evaluation Metrics for Health Chatbots: A Delphi Study. Methods of Information in Medicine, 2021, 60, 171-179.	0.7	7
26	Ethical Considerations for Participatory Health through Social Media: Healthcare Workforce and Policy Maker Perspectives. Yearbook of Medical Informatics, 2020, 29, 071-076.	0.8	7
27	Technical Metrics Used to Evaluate Health Care Chatbots: Scoping Review. Journal of Medical Internet Research, 2020, 22, e18301.	2.1	66
28	What Do We Know About the Use of Chatbots for Public Health?. Studies in Health Technology and Informatics, 2020, 270, 796-800.	0.2	22
29	How to Evaluate Health Applications with Conversational User Interface?. Studies in Health Technology and Informatics, 2020, 270, 976-980.	0.2	8
30	Evidence-Based Health Informatics as the Foundation for the COVID-19 Response: A Joint Call for Action. Methods of Information in Medicine, 2020, 59, 183-192.	0.7	8
31	Speech-based Documentation in Emergency Medical Services with the Electronic Language Interface for Ambulance Services. , 2020, , .		0
32	SLEEPexpert App â€“ A Mobile Application to Support Insomnia Treatment for Patients with Severe Psychiatric Disorders. Studies in Health Technology and Informatics, 2020, 275, 42-46.	0.2	1
33	Dashboard Visualization of Information for Emergency Medical Services. Studies in Health Technology and Informatics, 2020, 275, 27-31.	0.2	2
34	How to Motivate Children with Severe Disabilities to Adhere to Their Therapy?. Studies in Health Technology and Informatics, 2020, 271, 168-175.	0.2	0
35	Assessing and Improving the Usability of the Medical Data Models Portal. Studies in Health Technology and Informatics, 2020, 271, 199-206.	0.2	2
36	Information Capturing in Pre-Hospital Emergency Medical Settings (EMS). Studies in Health Technology and Informatics, 2020, 270, 613-617.	0.2	1

#	Article	IF	Citations
37	Can a Chatbot Increase the Motivation to Provide Personal Health Information?. Studies in Health Technology and Informatics, 2020, 273, 85-90.	0.2	3
38	Recent advances in extracting and processing rich semantics from medical texts. Artificial Intelligence in Medicine, 2019, 93, 11-12.	3.8	6
39	Obesity Entity Extraction from Real Outpatient Records: When Learning-Based Methods Meet Small Imbalanced Medical Data Sets. , 2019, , .		2
40	Artificial Intelligence for Participatory Health: Applications, Impact, and Future Implications. Yearbook of Medical Informatics, 2019, 28, 165-173.	0.8	21
41	Towards automatic encoding of medical procedures using convolutional neural networks and autoencoders. Artificial Intelligence in Medicine, 2019, 93, 29-42.	3.8	15
42	Towards a Digital Lean Hospital: Concept for a Digital Patient Board and Its Integration with a Hospital Information System. Studies in Health Technology and Informatics, 2019, 264, 606-610.	0.2	2
43	Towards Emotion-Sensitive Conversational User Interfaces in Healthcare Applications. Studies in Health Technology and Informatics, 2019, 264, 1164-1168.	0.2	4
44	Cross-Institutional Pathway Guidance - Chance or Extra Burden?. Studies in Health Technology and Informatics, 2019, 259, 13-18.	0.2	0
45	Intelligent Conversational Agents in Healthcare: Hype or Hope?. Studies in Health Technology and Informatics, 2019, 259, 77-84.	0.2	5
46	Improving and Evaluating eMMA's Communication Skills: A Chatbot for Managing Medication. Studies in Health Technology and Informatics, 2019, 259, 101-104.	0.2	3
47	A Mobile Application for Self-Monitoring for Patients with Heart Failure. Studies in Health Technology and Informatics, 2019, 259, 113-116.	0.2	4
48	A Concept for a Data Dictionary System Supporting for Clinical Research. Studies in Health Technology and Informatics, 2019, 258, 158-162.	0.2	1
49	Creating Individualized Education Material for Diabetes Patients Using the eDiabetes Platform. Studies in Health Technology and Informatics, 2019, 260, 1-8.	0.2	1
50	Exchanging Appointment Data Among Healthcare Institutions. Studies in Health Technology and Informatics, 2019, 260, 33-40.	0.2	1
51	Supporting Blind and Visually Impaired Persons in Managing Their Medication. Studies in Health Technology and Informatics, 2019, 267, 189-196.	0.2	1
52	Dynamic Pocket Card for Implementing ISBAR in Shift Handover Communication. Studies in Health Technology and Informatics, 2019, 267, 224-229.	0.2	1
53	Talking to Ana. , 2018, , .		19
54	Self-Anamnesis with a Conversational User Interface: Concept and Usability Study. Methods of Information in Medicine, 2018, 57, 243-252.	0.7	27

#	Article	IF	Citations
55	Querying archetype-based EHRs by search ontology-based XPath engineering. Journal of Biomedical Semantics, 2018, 9, 16.	0.9	3
56	Ebola Outbreak Containment: Real-Time Task and Resource Coordination With SORMAS. Frontiers in ICT, 2018, 5, .	3.6	20
57	Using eMMA to Manage Medication. Computer, 2018, 51, 18-25.	1.2	34
58	Mobile App for Simplifying Life With Diabetes: Technical Description and Usability Study of GlucoMan. JMIR Diabetes, 2018, 3, e6.	0.9	9
59	Facilitating the Information Exchange Using a Modular Electronic Discharge Summary. Studies in Health Technology and Informatics, 2018, 248, 72-79.	0.2	0
60	User Evaluation Indicates High Quality of the Surveillance Outbreak Response Management and Analysis System (SORMAS) After Field Deployment in Nigeria in 2015 and 2018. Studies in Health Technology and Informatics, 2018, 253, 233-237.	0.2	6
61	A Concept for Improving Cross-Sector Care by a Mobile Patient Navigator App. Studies in Health Technology and Informatics, 2018, 255, 160-164.	0.2	2
62	Domain Modeling and Application Development of an Archetype- and XML-based EHRS. Applied Clinical Informatics, 2017, 08, 660-679.	0.8	5
63	An ethical assessment model for digital disease detection technologies. Life Sciences, Society and Policy, 2017, 13, 16.	3.1	21
64	Structuring Legacy Pathology Reports by openEHR Archetypes to Enable Semantic Querying. Methods of Information in Medicine, 2017, 56, 230-237.	0.7	10
65	Implementing Surveillance and Outbreak Response Management and Analysis System (SORMAS) for Public Health in West Africa- Lessons Learnt and Future Direction. International Journal of Tropical Disease & Health, 2017, 22, 1-17.	0.1	11
66	Concept-Based Retrieval from Critical Incident Reports. Studies in Health Technology and Informatics, 2017, 236, 1-7.	0.2	0
67	Integrated Care Processes Designed for the Future Healthcare System. Studies in Health Technology and Informatics, 2017, 245, 20-24.	0.2	3
68	The Generation of a Corpus for Clinical Sentiment Analysis. Lecture Notes in Computer Science, 2016, , 311-324.	1.0	9
69	Automatic Analysis of Critical Incident Reports: Requirements and Use Cases. Studies in Health Technology and Informatics, 2016, 223, 85-92.	0.2	5
70	Integrating Social Media and Mobile Sensor Data for Clinical Decision Support: Concept and Requirements. Studies in Health Technology and Informatics, 2016, 225, 562-6.	0.2	0
71	Aspect-Oriented Visualization of the Health Status: An Example in Treatment of Cervical Spine Defect. Studies in Health Technology and Informatics, 2016, 228, 18-22.	0.2	0
72	Patient Centered Event Representation for the Treatment of Multifactorial Diseases: Current Progress and Challenges. Studies in Health Technology and Informatics, 2016, 228, 110-4.	0.2	0

#	Article	IF	Citations
73	Ethical Issues of Social Media Usage in Healthcare. Yearbook of Medical Informatics, 2015, 24, 137-147.	0.8	128
74	Sentiment analysis in medical settings: New opportunities and challenges. Artificial Intelligence in Medicine, 2015, 64, 17-27.	3.8	160
75	Sentiment Analysis from Medical Texts. , 2015, , 83-98.		9
76	Ethics in Health Web Science. , 2015, , 127-135.		0
77	Content and Language in Medical Social Media. , 2015, , 33-47.		1
78	Health Web Science. , 2015, , .		13
79	Surveillance and Outbreak Response Management System (SORMAS) to support the control of the Ebola virus disease outbreak in West Africa. Eurosurveillance, 2015, 20, .	3.9	60
80	Template and Model Driven Development of Standardized Electronic Health Records. Studies in Health Technology and Informatics, 2015, 216, 30-4.	0.2	2
81	Archetype based patient data modeling to support treatment of pituitary adenomas. Studies in Health Technology and Informatics, 2015, 216, 178-82.	0.2	1
82	Clinical Decision Support Based on Integrated Patient Models: A Vision. Studies in Health Technology and Informatics, 2015, 216, 948.	0.2	0
83	Rule-based Cervical Spine Defect Classification Using Medical Narratives. Studies in Health Technology and Informatics, 2015, 216, 1038.	0.2	3
84	Social Media and Internetâ€Based Data in Global Systems for Public Health Surveillance: A Systematic Review. Milbank Quarterly, 2014, 92, 7-33.	2.1	184
85	Use Cases and Application Purposes of Social Media in Healthcare. Advances in Healthcare Information Systems and Administration Book Series, 2014, , 60-75.	0.2	0
86	Ethical aspects of using medical social media in healthcare applications. Studies in Health Technology and Informatics, 2014, 198, 55-62.	0.2	15
87	Visualizing unstructured patient data for assessing diagnostic and therapeutic history. Studies in Health Technology and Informatics, 2014, 205, 1158-62.	0.2	3
88	Model-based Decision Support: Requirements and Future for its Application in Surgery. Biomedizinische Technik, 2013, 58 Suppl 1, .	0.9	2
89	How to Exploit Twitter for Public Health Monitoring?. Methods of Information in Medicine, 2013, 52, 326-339.	0.7	64
90	The Burgeoning of Medical Social-Media Postings and the Need for Improved Natural Language Mapping Tools. , 2013, , 27-43.		4

#	Article	IF	Citations
91	Towards personalized learning to rank for epidemic intelligence based on social media streams. , 2012, , .		14
92	Medical case-driven classification of microblogs. , 2012, , .		7
93	Making use of social media data in public health. , 2012, , .		13
94	An Architecture for Diversity-aware Search for Medical Web Content. Methods of Information in Medicine, 2012, 51, 549-556.	0.7	6
95	Web science and information exchange in the medical web. , 2011, , .		0
96	First International Workshop on Web Science and Information Exchange in the Medical Web (MedEx) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	1
97	Second international workshop on web science and information exchange in the medical web (MedEx) Tj ETQq1 1 0.784314 rgBT /Ov		0
98	Learning from Medical Social Media Data: Current State and Future Challenges. , 2011, , 353-372.		3
99	Detecting Public Health Indicators from the Web for Epidemic Intelligence. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2011, , 10-17.	0.2	2
100	Unsupervised public health event detection for epidemic intelligence. , 2010, , .		16
101	Scalable discovery of contradictions on the web. , 2010, , .		25
102	A Service-Oriented Architecture for Text Analytics Enabled Business Applications. , 2010, , .		1
103	Topic detection in noisy data sources. , 2010, , .		5
104	Assistive Communication Robot for Pre-operative Health Care. Lecture Notes in Computer Science, 2010, , 224-230.	1.0	0
105	Are SentiWordNet scores suited for multi-domain sentiment classification?. , 2009, , .		43
106	How valuable is medical social media data? Content analysis of the medical web. Information Sciences, 2009, 179, 1870-1880.	4.0	140
107	Text classification based on limited bibliographic metadata. , 2009, , .		4
108	Using SentiWordNet for multilingual sentiment analysis. , 2008, , .		212

#	Article	IF	Citations
109	How to assess customer opinions beyond language barriers?. , 2008, , .		2
110	Semantic Structuring of and Information Extraction from Medical Documents Using the UMLS. Methods of Information in Medicine, 2008, 47, 425-434.	0.7	24
111	Extracting Specific Medical Data Using Semantic Structures. Lecture Notes in Computer Science, 2007, , 257-264.	1.0	0
112	Use Cases and Application Purposes of Social Media in Healthcare. , 0, , 994-1009.		0