

Kerstin Denecke

List of Publications by Year in descending order

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Version: 2024-02-01

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	Using SentiWordNet for multilingual sentiment analysis. , 2008, , .		212
2	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
3	Sentiment analysis in medical settings: New opportunities and challenges. Artificial Intelligence in Medicine, 2015, 64, 17-27.	3.8	160
4	How valuable is medical social media data? Content analysis of the medical web. Information Sciences, 2009, 179, 1870-1880.	4.0	140
5	Ethical Issues of Social Media Usage in Healthcare. Yearbook of Medical Informatics, 2015, 24, 137-147.	0.8	128
6	Perceptions and Opinions of Patients About Mental Health Chatbots: Scoping Review. Journal of Medical Internet Research, 2021, 23, e17828.	2.1	113
7	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
8	Technical Metrics Used to Evaluate Health Care Chatbots: Scoping Review. Journal of Medical Internet Research, 2020, 22, e18301.	2.1	66
9	How to Exploit Twitter for Public Health Monitoring?. Methods of Information in Medicine, 2013, 52, 326-339.	0.7	64
10	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
11	Are SentiWordNet scores suited for multi-domain sentiment classification?. , 2009, , .		43
12	Artificial Intelligence for Chatbots in Mental Health: Opportunities and Challenges. Lecture Notes in Bioengineering, 2021, , 115-128.	0.3	36
13	Using eMMA to Manage Medication. Computer, 2018, 51, 18-25.	1.2	34
14	Self-Anamnesis with a Conversational User Interface: Concept and Usability Study. Methods of Information in Medicine, 2018, 57, 243-252.	0.7	27
15	Scalable discovery of contradictions on the web. , 2010, , .		25
16	Semantic Structuring of and Information Extraction from Medical Documents Using the UMLS. Methods of Information in Medicine, 2008, 47, 425-434.	0.7	24
17	Implementation of Cognitive Behavioral Therapy in eâ€Mental Health Apps: Literature Review. Journal of Medical Internet Research, 2022, 24, e27791.	2.1	23
18	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

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19	Security, privacy, and healthcare-related conversational agents: a scoping review. <i>Informatics for Health and Social Care</i> , 2022, 47, 194-210.	1.4	22
20	An ethical assessment model for digital disease detection technologies. <i>Life Sciences, Society and Policy</i> , 2017, 13, 16.	3.1	21
21	Artificial Intelligence for Participatory Health: Applications, Impact, and Future Implications. <i>Yearbook of Medical Informatics</i> , 2019, 28, 165-173.	0.8	21
22	Ebola Outbreak Containment: Real-Time Task and Resource Coordination With SORMAS. <i>Frontiers in ICT</i> , 2018, 5, .	3.6	20
23	Talking to Ana. , 2018, , .		19
24	Unsupervised public health event detection for epidemic intelligence. , 2010, , .		16
25	Defining participatory health informatics â€“ a scoping review. <i>Informatics for Health and Social Care</i> , 2021, 46, 234-243.	1.4	16
26	Towards automatic encoding of medical procedures using convolutional neural networks and autoencoders. <i>Artificial Intelligence in Medicine</i> , 2019, 93, 29-42.	3.8	15
27	Ethical aspects of using medical social media in healthcare applications. <i>Studies in Health Technology and Informatics</i> , 2014, 198, 55-62.	0.2	15
28	Towards personalized learning to rank for epidemic intelligence based on social media streams. , 2012, , .		14
29	Making use of social media data in public health. , 2012, , .		13
30	Health Web Science. , 2015, , .		13
31	Implementing Surveillance and Outbreak Response Management and Analysis System (SORMAS) for Public Health in West Africa- Lessons Learnt and Future Direction. <i>International Journal of Tropical Disease & Health</i> , 2017, 22, 1-17.	0.1	11
32	Structuring Legacy Pathology Reports by openEHR Archetypes to Enable Semantic Querying. <i>Methods of Information in Medicine</i> , 2017, 56, 230-237.	0.7	10
33	Sentiment Analysis from Medical Texts. , 2015, , 83-98.		9
34	The Generation of a Corpus for Clinical Sentiment Analysis. <i>Lecture Notes in Computer Science</i> , 2016, , 311-324.	1.0	9
35	Mobile App for Simplifying Life With Diabetes: Technical Description and Usability Study of GlucoMan. <i>JMIR Diabetes</i> , 2018, 3, e6.	0.9	9
36	How to Evaluate Health Applications with Conversational User Interface?. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 976-980.	0.2	8

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37	Evidence-Based Health Informatics as the Foundation for the COVID-19 Response: A Joint Call for Action. <i>Methods of Information in Medicine</i> , 2020, 59, 183-192.	0.7	8
38	Medical case-driven classification of microblogs. , 2012, , .		7
39	Ethical Considerations for Participatory Health through Social Media: Healthcare Workforce and Policy Maker Perspectives. <i>Yearbook of Medical Informatics</i> , 2020, 29, 071-076.	0.8	7
40	Evaluation Metrics for Health Chatbots: A Delphi Study. <i>Methods of Information in Medicine</i> , 2021, 60, 171-179.	0.7	7
41	Usability Assessment of Conversational Agents in Healthcare: A Literature Review. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.2	7
42	Usability Testing of a Social Media Chatbot for Increasing Physical Activity Behavior. <i>Journal of Personalized Medicine</i> , 2022, 12, 828.	1.1	7
43	An Architecture for Diversity-aware Search for Medical Web Content. <i>Methods of Information in Medicine</i> , 2012, 51, 549-556.	0.7	6
44	Recent advances in extracting and processing rich semantics from medical texts. <i>Artificial Intelligence in Medicine</i> , 2019, 93, 11-12.	3.8	6
45	Social Media Chatbot for Increasing Physical Activity: Usability Study. <i>Studies in Health Technology and Informatics</i> , 2021, 285, 227-232.	0.2	6
46	User Evaluation Indicates High Quality of the Surveillance Outbreak Response Management and Analysis System (SORMAS) After Field Deployment in Nigeria in 2015 and 2018. <i>Studies in Health Technology and Informatics</i> , 2018, 253, 233-237.	0.2	6
47	Social Media, Digital Health Literacy, and Digital Ethics in the Light of Health Equity. <i>Yearbook of Medical Informatics</i> , 2022, 31, 082-087.	0.8	6
48	Topic detection in noisy data sources. , 2010, , .		5
49	Domain Modeling and Application Development of an Archetype- and XML-based EHRS. <i>Applied Clinical Informatics</i> , 2017, 08, 660-679.	0.8	5
50	Developing Intelligent Interviewers to Collect the Medical History: Lessons Learned and Guidelines. <i>Studies in Health Technology and Informatics</i> , 2021, 279, 18-25.	0.2	5
51	Automatic Analysis of Critical Incident Reports: Requirements and Use Cases. <i>Studies in Health Technology and Informatics</i> , 2016, 223, 85-92.	0.2	5
52	Intelligent Conversational Agents in Healthcare: Hype or Hope?. <i>Studies in Health Technology and Informatics</i> , 2019, 259, 77-84.	0.2	5
53	Text classification based on limited bibliographic metadata. , 2009, , .		4
54	The Burgeoning of Medical Social-Media Postings and the Need for Improved Natural Language Mapping Tools. , 2013, , 27-43.		4

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55	Towards Emotion-Sensitive Conversational User Interfaces in Healthcare Applications. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 1164-1168.	0.2	4
56	A Mobile Application for Self-Monitoring for Patients with Heart Failure. <i>Studies in Health Technology and Informatics</i> , 2019, 259, 113-116.	0.2	4
57	Querying archetype-based EHRs by search ontology-based XPath engineering. <i>Journal of Biomedical Semantics</i> , 2018, 9, 16.	0.9	3
58	How Artificial Intelligence for Healthcare Look Like in the Future?. <i>Studies in Health Technology and Informatics</i> , 2021, 281, 860-864.	0.2	3
59	Learning from Medical Social Media Data: Current State and Future Challenges. , 2011, , 353-372.		3
60	Visualizing unstructured patient data for assessing diagnostic and therapeutic history. <i>Studies in Health Technology and Informatics</i> , 2014, 205, 1158-62.	0.2	3
61	Rule-based Cervical Spine Defect Classification Using Medical Narratives. <i>Studies in Health Technology and Informatics</i> , 2015, 216, 1038.	0.2	3
62	Integrated Care Processes Designed for the Future Healthcare System. <i>Studies in Health Technology and Informatics</i> , 2017, 245, 20-24.	0.2	3
63	Improving and Evaluating eMMA's Communication Skills: A Chatbot for Managing Medication. <i>Studies in Health Technology and Informatics</i> , 2019, 259, 101-104.	0.2	3
64	Can a Chatbot Increase the Motivation to Provide Personal Health Information?. <i>Studies in Health Technology and Informatics</i> , 2020, 273, 85-90.	0.2	3
65	How to assess customer opinions beyond language barriers?. , 2008, , .		2
66	Model-based Decision Support: Requirements and Future for its Application in Surgery. <i>Biomedizinische Technik</i> , 2013, 58 Suppl 1, .	0.9	2
67	Obesity Entity Extraction from Real Outpatient Records: When Learning-Based Methods Meet Small Imbalanced Medical Data Sets. , 2019, , .		2
68	Role of Participatory Health Informatics in Detecting and Managing Pandemics: Literature Review. <i>Yearbook of Medical Informatics</i> , 2021, 30, 200-209.	0.8	2
69	Digital Health Intervention to Support Refugees in Switzerland. <i>Studies in Health Technology and Informatics</i> , 2021, 279, 95-102.	0.2	2
70	Towards a Digital Lean Hospital: Concept for a Digital Patient Board and Its Integration with a Hospital Information System. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 606-610.	0.2	2
71	Detecting Public Health Indicators from the Web for Epidemic Intelligence. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2011, , 10-17.	0.2	2
72	Dashboard Visualization of Information for Emergency Medical Services. <i>Studies in Health Technology and Informatics</i> , 2020, 275, 27-31.	0.2	2

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73	Template and Model Driven Development of Standardized Electronic Health Records. Studies in Health Technology and Informatics, 2015, 216, 30-4.	0.2	2
74	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
75	Assessing and Improving the Usability of the Medical Data Models Portal. Studies in Health Technology and Informatics, 2020, 271, 199-206.	0.2	2
76	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
77	Digital Medical Interview Assistant for Radiology: Opportunities and Challenges. Studies in Health Technology and Informatics, 2022, 293, 39-46.	0.2	2
78	A Service-Oriented Architecture for Text Analytics Enabled Business Applications. , 2010, , .		1
79	First International Workshop on Web Science and Information Exchange in the Medical Web (MedEx) Tj ETQq1 1 0,784314 rgBT /Overde 0,5 p		1
80	Content and Language in Medical Social Media. , 2015, , 33-47.		1
81	What Characterizes Safety of Ambient Assisted Living Technologies?. Studies in Health Technology and Informatics, 2021, 281, 704-708.	0.2	1
82	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
83	Archetype based patient data modeling to support treatment of pituitary adenomas. Studies in Health Technology and Informatics, 2015, 216, 178-82.	0.2	1
84	A Concept for a Data Dictionary System Supporting for Clinical Research. Studies in Health Technology and Informatics, 2019, 258, 158-162.	0.2	1
85	Creating Individualized Education Material for Diabetes Patients Using the eDiabetes Platform. Studies in Health Technology and Informatics, 2019, 260, 1-8.	0.2	1
86	Exchanging Appointment Data Among Healthcare Institutions. Studies in Health Technology and Informatics, 2019, 260, 33-40.	0.2	1
87	Supporting Blind and Visually Impaired Persons in Managing Their Medication. Studies in Health Technology and Informatics, 2019, 267, 189-196.	0.2	1
88	Dynamic Pocket Card for Implementing ISBAR in Shift Handover Communication. Studies in Health Technology and Informatics, 2019, 267, 224-229.	0.2	1
89	Information Capturing in Pre-Hospital Emergency Medical Settings (EMS). Studies in Health Technology and Informatics, 2020, 270, 613-617.	0.2	1
90	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

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91	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
92	Web science and information exchange in the medical web. , 2011, , .		0
93	Second international workshop on web science and information exchange in the medical web (MedEx) Tj ETQq1 1 0.784314 ggBT /Over		
94	Ethics in Health Web Science. , 2015, , 127-135.		0
95	Biomedical Standards and Open Health Data. , 2021, , 521-531.		0
96	Crowdsourcing for Creating a Dataset for Training a Medication Chatbot. Studies in Health Technology and Informatics, 2021, 281, 1102-1103.	0.2	0
97	Operations Management in Ambulatory Care in Switzerland. Studies in Health Technology and Informatics, 2021, 279, 10-17.	0.2	0
98	Assistive Communication Robot for Pre-operative Health Care. Lecture Notes in Computer Science, 2010, , 224-230.	1.0	0
99	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
100	Use Cases and Application Purposes of Social Media in Healthcare. , 0, , 994-1009.		0
101	Extracting Specific Medical Data Using Semantic Structures. Lecture Notes in Computer Science, 2007, , 257-264.	1.0	0
102	Speech-based Documentation in Emergency Medical Services with the Electronic Language Interface for Ambulance Services. , 2020, , .		0
103	Clinical Decision Support Based on Integrated Patient Models: A Vision. Studies in Health Technology and Informatics, 2015, 216, 948.	0.2	0
104	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
105	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
106	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
107	Concept-Based Retrieval from Critical Incident Reports. Studies in Health Technology and Informatics, 2017, 236, 1-7.	0.2	0
108	Facilitating the Information Exchange Using a Modular Electronic Discharge Summary. Studies in Health Technology and Informatics, 2018, 248, 72-79.	0.2	0

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109	Cross-Institutional Pathway Guidance - Chance or Extra Burden?. Studies in Health Technology and Informatics, 2019, 259, 13-18.	0.2	0
110	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
111	Does Enrichment of Clinical Texts by Ontology Concepts Increases Classification Accuracy?. Studies in Health Technology and Informatics, 2022, , .	0.2	0
112	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