

Rainer RÄhrig

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

1,126
citations

430442

18
h-index

476904

29
g-index

95
all docs

95
docs citations

95
times ranked

1398
citing authors

#	ARTICLE	IF	CITATIONS
1	Causes of use errors in ventilation devices - Systematic review. <i>Applied Ergonomics</i> , 2022, 98, 103544.	1.7	7
2	Intracranial hemorrhage in COVID-19 patients during extracorporeal membrane oxygenation for acute respiratory failure: a nationwide register study report. <i>Critical Care</i> , 2022, 26, 83.	2.5	10
3	First report from the German COVID-19 autopsy registry. <i>Lancet Regional Health - Europe</i> , The, 2022, 15, 100330.	3.0	33
4	Past and Trends in Cough Sound Acquisition, Automatic Detection and Automatic Classification: A Comparative Review. <i>Sensors</i> , 2022, 22, 2896.	2.1	17
5	Online Usability Tool – First Experiences from Testing a Ventilator Interface. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.2	0
6	Establishing a Data Quality Baseline in the AKTIN Emergency Department Data Registry – A Secondary Use Perspective. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.2	0
7	Cooperative approach of pathology and neuropathology in the COVID-19 pandemic. <i>Der Pathologe</i> , 2021, 42, 69-75.	0.7	4
8	Examining the Mental Workload Associated With Digital Health Technologies in Health Care: Protocol for a Systematic Review Focusing on Assessment Methods. <i>JMIR Research Protocols</i> , 2021, 10, e29126.	0.5	5
9	<scp>COVID</scp> – COVID-19 Vaccine – Associated Cerebral Venous Thrombosis in Germany. <i>Annals of Neurology</i> , 2021, 90, 627-639.	2.8	122
10	openMNGlab: Data Analysis Framework for Microneurography – A Technical Report. <i>Studies in Health Technology and Informatics</i> , 2021, 283, 165-171.	0.2	2
11	Challenges of patients with myeloproliferative neoplasms (MPN) in times of COVID: First results from a patient survey by the German Study Group for MPN. <i>Leukemia Research</i> , 2021, 110, 106646.	0.4	2
12	Data Quality and Cost-effectiveness Analyses of Electronic and Paper-Based Interviewer-Administered Public Health Surveys: Systematic Review. <i>Journal of Medical Internet Research</i> , 2021, 23, e21382.	2.1	5
13	Evaluation of outcome relevance of quality indicators in the emergency department (ENQuIRE): study protocol for a prospective multicentre cohort study. <i>BMJ Open</i> , 2020, 10, e038776.	0.8	4
14	Dying in the Intensive Care Unit (ICU): A Retrospective Descriptive Analysis of Deaths in the ICU in a Communal Tertiary Hospital in Germany. <i>Anesthesiology Research and Practice</i> , 2020, 2020, 1-10.	0.2	11
15	Patientensicherheit und Risikomanagement. , 2020, , 173-180.		0
16	Human-Induced Errors in Networked Healthcare Research: Risk Management Under the GDPR. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 1128-1132.	0.2	0
17	Usability Issues with Mechanical Ventilation Devices. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 1419-1420.	0.2	0
18	Digital health – Software as a medical device in focus of the medical device regulation (MDR). <i>IT - Information Technology</i> , 2019, 61, 211-218.	0.6	4

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19	Data Quality and Cost-Effectiveness Analyses of Electronic and Paper-Based Interviewer-Administered Public Health Surveys: Protocol for a Systematic Review. JMIR Research Protocols, 2019, 8, e10678.	0.5	5
20	Evaluation of Electronic and Paper-Pen Data Capturing Tools for Data Quality in a Public Health Survey in a Health and Demographic Surveillance Site, Ethiopia: Randomized Controlled Crossover Health Care Information Technology Evaluation. JMIR MHealth and UHealth, 2019, 7, e10995.	1.8	22
21	Implementation of Emergency Department Performance Benchmarking Using R and LaTeX. Studies in Health Technology and Informatics, 2019, 267, 238-246.	0.2	4
22	Feasibility of Three Head Mounted Eye-Tracker in Anesthesia: A Feasibility Study. Studies in Health Technology and Informatics, 2019, 264, 1238-1242.	0.2	0
23	A Generic IT Infrastructure for Identity Management and Pseudonymization in Small Research Projects with Heterogeneous and Distributed Data Sources Under Consideration of the GDPR. Studies in Health Technology and Informatics, 2019, 264, 1837-1838.	0.2	1
24	Patientensicherheit ist in einem soziotechnischem System eine gemeinsame Aufgabe. Zeitschrift Fur Evidenz, Fortbildung Und Qualitat Im Gesundheitswesen, 2017, 125, 1-2.	0.7	2
25	Disseminating a Standard for Medical Records in Emergency Departments Among Different Software Vendors Using HL7 CDA. Studies in Health Technology and Informatics, 2017, 243, 132-136.	0.2	4
26	Li2b2-Façade: Simulation of i2b2 Data Warehouse Server and Client for Interaction with Other Systems. Studies in Health Technology and Informatics, 2017, 245, 1275.	0.2	0
27	Asynchronous Query Distribution Between Multiple i2b2 Research Data Warehouses: Li2b2-SHRINE. Studies in Health Technology and Informatics, 2017, 245, 1276.	0.2	1
28	Automated Report Generation for Research Data Repositories: From i2b2 to PDF. Studies in Health Technology and Informatics, 2017, 245, 1289.	0.2	4
29	Impact of Abdominal Follow-Up Sonography in Trauma Patients Without Abdominal Parenchymal Organ Lesion or Free Intraabdominal Fluid in Whole-Body Computed Tomography. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2016, 189, 128-136.	0.7	6
30	Feasibility of Eyetracking in Critical Care Environments - A Systematic Review. Studies in Health Technology and Informatics, 2016, 228, 604-8.	0.2	6
31	iRobot, MD "Are We Ready for the Future Becomes the Present?. Methods of Information in Medicine, 2015, 54, 110-110.	0.7	1
32	Memorandum "Open Metadata". Methods of Information in Medicine, 2015, 54, 376-378.	0.7	18
33	To Be or not to Be a Medical Device: Is the Regulatory Framework a Safety Rope or a Fetter?. Methods of Information in Medicine, 2015, 54, 291-292.	0.7	1
34	Get the Right Balance "Lessons Learned from the First Ebola Infected Patient in Dallas. Methods of Information in Medicine, 2015, 54, 200-202.	0.7	0
35	Prospective evaluation of regional oxygen saturation to estimate central venous saturation in sepsis. Journal of Clinical Monitoring and Computing, 2015, 29, 443-453.	0.7	8
36	LOINC in Prehospital Emergency Medicine in Germany "Experience of the DIRK-Project. Methods of Information in Medicine, 2014, 53, 87-91.	0.7	3

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37	Design and multicentric Implementation of a generic Software Architecture for Patient Recruitment Systems re-using existing HIS tools and Routine Patient Data. Applied Clinical Informatics, 2014, 05, 264-283.	0.8	30
38	Expression of peptide YY by human blood leukocytes. Peptides, 2014, 58, 78-82.	1.2	4
39	Effects of echinocandin preparations on adult rat ventricular cardiomyocytes. Der Anaesthesist, 2014, 63, 129-134.	0.5	10
40	Comparison of Electronic Health Record System Functionalities to support the patient recruitment process in clinical trials. International Journal of Medical Informatics, 2014, 83, 860-868.	1.6	36
41	Assessing the Prognoses on Health Care in the Information Society 2013 - Thirteen Years After. Journal of Medical Systems, 2014, 38, 73.	2.2	9
42	Past and Next 10 Years of Medical Informatics. Journal of Medical Systems, 2014, 38, 74.	2.2	13
43	Balancing the need for big data and patient data privacy—an IT infrastructure for a decentralized emergency care research database. Studies in Health Technology and Informatics, 2014, 205, 750-4.	0.2	11
44	Evaluation of data completeness in the electronic health record for the purpose of patient recruitment into clinical trials: a retrospective analysis of element presence. BMC Medical Informatics and Decision Making, 2013, 13, 37.	1.5	77
45	Cardiac effects of echinocandin preparations - three case reports. Journal of Clinical Pharmacy and Therapeutics, 2013, 38, 429-431.	0.7	27
46	Peridural Analgesia May Affect Long-term Survival in Patients With Colorectal Cancer After Surgery (PACO-RAS-Study). Annals of Surgery, 2013, 258, 989-993.	2.1	44
47	Development of National Competency-based Learning Objectives for Medical Informatics for Undergraduate Medical Education. Methods of Information in Medicine, 2013, 52, 184-188.	0.7	23
48	The effect of a cervical collar on the seal pressure of the LMA Supreme: a prospective, crossover trial. Anaesthesia, 2012, 67, 1260-1265.	1.8	5
49	Proactive authenticated notifications for health practitioners: two way human computer interaction through phone. Studies in Health Technology and Informatics, 2012, 180, 388-92.	0.2	4
50	Secondary use of clinical data in healthcare providers - an overview on research, regulatory and ethical requirements. Studies in Health Technology and Informatics, 2012, 180, 614-8.	0.2	9
51	Quality of human-computer interaction - results of a national usability survey of hospital-IT in Germany. BMC Medical Informatics and Decision Making, 2011, 11, 69.	1.5	24
52	Identifying patients for clinical trials using fuzzy ternary logic expressions on HL7 messages. Studies in Health Technology and Informatics, 2011, 169, 170-4.	0.2	3
53	Early diagnosis of acute kidney injury. Open Medicine (Poland), 2010, 5, 527-534.	0.6	1
54	Effects of inverse ratio ventilation with PEEP on kidney function. Renal Failure, 2010, 32, 411-416.	0.8	2

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55	Evaluation of sE-Selectin and sICAM-1 as Parameters for Renal Function. <i>Renal Failure</i> , 2008, 30, 675-684.	0.8	8
56	Examining the influence of maternal bradycardia on neonatal outcome using automated data collection. <i>International Journal of Obstetric Anesthesia</i> , 2007, 16, 208-213.	0.2	3
57	Impact of Different Sampling Strategies on Score Results of the Nine Equivalents of Nursing Manpower Use Score (NEMS). <i>Methods of Information in Medicine</i> , 2007, 46, 410-415.	0.7	6
58	Corrected incidences of co-morbidities – a statistical approach for risk-assessment in anesthesia using an AIMS. <i>Journal of Clinical Monitoring and Computing</i> , 2007, 21, 159-166.	0.7	1
59	Summative Software Evaluation of a Therapeutic Guideline Assistance System for Empiric Antimicrobial Therapy in ICU. <i>Journal of Clinical Monitoring and Computing</i> , 2007, 21, 203-210.	0.7	11
60	Automating Standard Operating Procedures in Intensive Care. <i>Lecture Notes in Computer Science</i> , 2007, , 516-530.	1.0	3
61	Integration of a handheld based anaesthesia rounding system into an anaesthesia information management system. <i>International Journal of Medical Informatics</i> , 2006, 75, 553-563.	1.6	10
62	Computers in anesthesia and intensive care: Lack of evidence that the central unit serves as reservoir of pathogens. <i>International Journal of Hygiene and Environmental Health</i> , 2005, 208, 299-304.	2.1	3
63	Impact of inadequate surgical antibiotic prophylaxis on perioperative outcome and length of stay on ICU in general and trauma surgery. <i>International Journal of Antimicrobial Agents</i> , 2005, 25, 231-236.	1.1	2
64	An integrated data-warehouse-concept for clinical and biological information. <i>Studies in Health Technology and Informatics</i> , 2005, 116, 9-14.	0.2	6
65	Excessive alcohol consumption and perioperative outcome. <i>Surgery</i> , 2004, 136, 988-993.	1.0	6
66	Automatic calculation of the nine equivalents of nursing manpower use score (NEMS) using a patient data management system. <i>Intensive Care Medicine</i> , 2004, 30, 1487-1490.	3.9	13
67	Laryngeal mask airway versus endotracheal tube for outpatient surgery: analysis of anesthesia-controlled time. <i>Journal of Clinical Anesthesia</i> , 2004, 16, 195-199.	0.7	10
68	Review of antibiotic drug use in a surgical ICU: Management with a patient data management system for additional outcome analysis in patients staying more than 24 hours. <i>Clinical Therapeutics</i> , 2004, 26, 915-924.	1.1	23
69	The Incidence and Prediction of Automatically Detected Intraoperative Cardiovascular Events in Noncardiac Surgery. <i>Anesthesia and Analgesia</i> , 2004, 98, 569-577.	1.1	42
70	Computer Keyboard and Mouse as a Reservoir of Pathogens in an Intensive Care Unit. <i>Journal of Clinical Monitoring and Computing</i> , 2003, 18, 7-12.	0.7	103
71	Intra-operative tachycardia and peri-operative outcome. <i>Langenbeck's Archives of Surgery</i> , 2003, 388, 255-260.	0.8	30
72	LONG-TERM MONITORING OF RENAL FUNCTION IN POLY-TRAUMATIZED INTENSIVE CARE PATIENTS. <i>Renal Failure</i> , 2002, 24, 493-504.	0.8	3

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73	Renal effects of cardiopulmonary bypass in the elderly. <i>Perfusion (United Kingdom)</i> , 2002, 17, 205-209.	0.5	14
74	Discriminative power on mortality of a modified Sequential Organ Failure Assessment score for complete automatic computation in an operative intensive care unit. <i>Critical Care Medicine</i> , 2002, 30, 338-342.	0.4	33
75	Automatic calculation of a modified APACHE II score using a patient data management system (PDMS). <i>International Journal of Medical Informatics</i> , 2002, 65, 145-157.	1.6	15