Frederic Ehrler

List of Publications by Year
in descending order

67 papers	663 citations	759055 12 h-index	713332 21 g-index
79 all docs	79 docs citations	79 times ranked	950 citing authors

#	ARTICLE	IF	CITATIONS
1	Introducing meta-services for biomedical information extraction. Genome Biology, 2008, 9, S6.	3.8	61
2	Adherence to AHA Guidelines When Adapted for Augmented Reality Glasses for Assisted Pediatric Cardiopulmonary Resuscitation: A Randomized Controlled Trial. Journal of Medical Internet Research, 2017, 19, e183.	2.1	61
3	Electronic Patient-Generated Health Data to Facilitate Disease Prevention and Health Promotion: Scoping Review. Journal of Medical Internet Research, 2019, 21, e13320.	2.1	49
4	A Mobile Device App to Reduce Time to Drug Delivery and Medication Errors During Simulated Pediatric Cardiopulmonary Resuscitation: A Randomized Controlled Trial. Journal of Medical Internet Research, 2017, 19, e31.	2.1	37
5	A mobile device application to reduce medication errors and time to drug delivery during simulated paediatric cardiopulmonary resuscitation: a multicentre, randomised, controlled, crossover trial. The Lancet Child and Adolescent Health, 2019, 3, 303-311.	2.7	36
6	Influence of Pedometer Position on Pedometer Accuracy at Various Walking Speeds: A Comparative Study. Journal of Medical Internet Research, 2016, 18, e268.	2.1	35
7	Electronic patient-generated health data to facilitate prevention and health promotion: a scoping review protocol. BMJ Open, 2018, 8, e021245.	0.8	33
8	Patients' time perception in the waiting room of an ambulatory emergency unit: a cross-sectional study. BMC Emergency Medicine, 2019, 19, 41.	0.7	28
9	Data-poor categorization and passage retrieval for Gene Ontology Annotation in Swiss-Prot. BMC Bioinformatics, 2005, 6, S23.	1.2	27
10	A Mobile App (BEDSide Mobility) to Support Nurses' Tasks at the Patient's Bedside: Usability Study. JMIR MHealth and UHealth, 2018, 6, e57.	1.8	27
11	Effect of a Mobile App on Prehospital Medication Errors During Simulated Pediatric Resuscitation. JAMA Network Open, 2021, 4, e2123007.	2.8	19
12	Challenges in the Implementation of a Mobile Application in Clinical Practice: Case Study in the Context of an Application that Manages the Daily Interventions of Nurses. JMIR MHealth and UHealth, 2013, 1, e7.	1.8	18
13	The Impact of a Tablet App on Adherence to American Heart Association Guidelines During Simulated Pediatric Cardiopulmonary Resuscitation: Randomized Controlled Trial. Journal of Medical Internet Research, 2020, 22, e17792.	2.1	15
14	A Mobile Phone App for Bedside Nursing Care: Design and Development Using an Adapted Software Development Life Cycle Model. JMIR MHealth and UHealth, 2019, 7, e12551.	1.8	14
15	Assessing the Usability of Six Data Entry Mobile Interfaces for Caregivers: A Randomized Trial. JMIR Human Factors, 2015, 2, e15.	1.0	14
16	Gene Ontology density estimation and discourse analysis for automatic GeneRiF extraction. BMC Bioinformatics, 2008, 9, S9.	1.2	13
17	Supporting elderly homecare with smartwatches: advantages and drawbacks. Studies in Health Technology and Informatics, 2014, 205, 667-71.	0.2	11
18	How Regrouping Alerts in Computerized Physician Order Entry Layout Influences Physicians' Prescription Behavior: Results of a Crossover Randomized Trial. JMIR Human Factors, 2016, 3, e15.	1.0	10

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19	PedAMINES: a disruptive mHealth app to tackle paediatric medication errors. Swiss Medical Weekly, 2020, 150, w20335.	0.8	10
20	Family Relationships and Alzheimer's Disease: A Systematic Review. Journal of Alzheimer's Disease, 2020, 76, 1595-1608.	1.2	8
21	A Mobile Device App to Reduce Medication Errors and Time to Drug Delivery During Pediatric Cardiopulmonary Resuscitation: Study Protocol of a Multicenter Randomized Controlled Crossover Trial. JMIR Research Protocols, 2017, 6, e167.	0.5	8
22	Acceptance of a Mobile Application Supporting Nurses Workflow at Patient Bedside: Results from a Pilot Study. Studies in Health Technology and Informatics, 2018, 247, 506-510.	0.2	8
23	A mobile device app to reduce prehospital medication errors and time to drug preparation and delivery by emergency medical services during simulated pediatric cardiopulmonary resuscitation: study protocol of a multicenter, prospective, randomized controlled trial. Trials, 2019, 20, 634.	0.7	7
24	Usability Testing of a Patient-Centered Mobile Health App for Supporting and Guiding the Pediatric Emergency Department Patient Journey: Mixed Methods Study. JMIR Pediatrics and Parenting, 2022, 5, e25540.	0.8	7
25	Dimensions of personalization in a narrative pedagogical simulation for Alzheimer's caregivers. , 2018, , .		6
26	GOFlow: Smartwatch app to deliver laboratory results in emergency departments – A feasibility study. International Journal of Medical Informatics, 2020, 134, 104034.	1.6	6
27	Impact of a Mobile App on Paramedics' Perceived and Physiologic Stress Response During Simulated Prehospital Pediatric Cardiopulmonary Resuscitation: Study Nested Within a Multicenter Randomized Controlled Trial. JMIR MHealth and UHealth, 2021, 9, e31748.	1.8	6
28	A mobile application to support bedside nurse documentation and care: a time and motion study. JAMIA Open, 2021, 4, ooab046.	1.0	6
29	Personalization Dimensions for MHealth to Improve Behavior Change: A Scoping Review. Studies in Health Technology and Informatics, 2020, 275, 77-81.	0.2	6
30	Nutrikids, a Smartphone Application to Improve the Quality of Paediatrical Dietary Assessments: Feasability Study. Studies in Health Technology and Informatics, 2020, 270, 1016-1020.	0.2	5
31	Adapting Guidelines for Google Glass: the Case of Pediatric CPR. Studies in Health Technology and Informatics, 2016, 224, 141-5.	0.2	5
32	Improving Drugs Administration Safety in Pediatric Resuscitation Using Mobile Technology. Studies in Health Technology and Informatics, 2016, 225, 656-7.	0.2	5
33	Effectiveness of a Mobile App in Reducing Therapeutic Turnaround Time and Facilitating Communication between Caregivers in a Pediatric Emergency Department: A Randomized Controlled Pilot Trial. Journal of Personalized Medicine, 2022, 12, 428.	1.1	5
34	A Mobile App to Improve Patient Management in Emergency Departments: Caregiver Needs Analysis, Design and Early Technology Acceptance Assessment. Studies in Health Technology and Informatics, 2021, 285, 233-238.	0.2	4
35	A Mobile App for Advance Care Planning and Advance Directives (Accordons-nous): Development and Usability Study. JMIR Human Factors, 2022, 9, e34626.	1.0	4
36	Impact of a shared decision-making mHealth tool on caregivers' team situational awareness, communication effectiveness, and performance during pediatric cardiopulmonary resuscitation: study protocol of a cluster randomized controlled trial. Trials, 2021, 22, 277.	0.7	3

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37	Integrating Patient-Generated Health Data in an Electronic Medical Record: Stakeholders' Perspectives. Studies in Health Technology and Informatics, 2020, 275, 12-16.	0.2	3
38	Smartphones : evidence-based user-interface design. Studies in Health Technology and Informatics, 2013, 192, 57-61.	0.2	3
39	Exploring the Challenges and Opportunities of eHealth Tools for Patients with Sickle Cell Disease. Studies in Health Technology and Informatics, 2015, 216, 898.	0.2	3
40	Positioning Commercial Pedometers to Measure Activity of Older Adults with Slow Gait: At the Wrist or at the Waist?. Studies in Health Technology and Informatics, 2016, 221, 18-22.	0.2	3
41	Addressing the Complexity of Mobile App Design in Hospital Setting with a Tailored Software Development Life Cycle Model. Studies in Health Technology and Informatics, 2016, 228, 200-4.	0.2	3
42	Smartphones to Access to Patient Data in Hospital Settings: Authentication Solutions for Shared Devices. Studies in Health Technology and Informatics, 2017, 237, 73-78.	0.2	3
43	Connecting Parents to a Pediatric Emergency Department: Designing a Mobile App Based on Patient Centred Care Principles. Studies in Health Technology and Informatics, 2017, 244, 13-17.	0.2	3
44	Detection of Spatiotemporal Clusters of COVID-19–Associated Symptoms and Prevention Using a Participatory Surveillance App: Protocol for the @choum Study. JMIR Research Protocols, 2021, 10, e30444.	0.5	2
45	Approaches to Improving Nursing Handoffs in Surgical Wards. Open Journal of Nursing, 2017, 07, 1034-1043.	0.2	2
46	Supporting drug prescription through autocompletion. Studies in Health Technology and Informatics, 2013, 186, 120-4.	0.2	2
47	Opportunities and limitations in using google glass to assist drug dispensing. Studies in Health Technology and Informatics, 2015, 211, 283-5.	0.2	2
48	Improving Patients Experience in Peadiatric Emergency Waiting Room. Studies in Health Technology and Informatics, 2016, 225, 535-9.	0.2	2
49	Designing an Online Social Support Platform Through Co-Creation with Seniors. Studies in Health Technology and Informatics, 2018, 247, 760-764.	0.2	2
50	Design of InterFACE: A Tool to Improve Collaborative Work and Decision Making During Rescucitation. Studies in Health Technology and Informatics, 2018, 255, 117-121.	0.2	2
51	The New Smart-Meds: Redesign of a Gamified App to Improve Medication Adherence Using a Mixed Methods Design. Studies in Health Technology and Informatics, 2020, 275, 182-186.	0.2	1
52	Technological choices for mobile clinical applications. Studies in Health Technology and Informatics, 2011, 169, 83-7.	0.2	1
53	Challenges and issues of geolocation in clinical environment. Studies in Health Technology and Informatics, 2012, 180, 447-51.	0.2	1
54	INCA - Individual Nomad Clinical Assistant - supporting nurses with mobile devices. Studies in Health Technology and Informatics, 2012, 180, 1079-83.	0.2	1

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55	Reshaping the laboratory results presentation layer: three interfaces for handheld devices. Studies in Health Technology and Informatics, 2015, 210, 660-2.	0.2	1
56	Communication of Children Symptoms in Emergency: Classification of the Terminology. Studies in Health Technology and Informatics, 2017, 235, 456-460.	0.2	1
57	ADHD Mobile App Feasibility Test for Adults. Studies in Health Technology and Informatics, 2018, 255, 247-251.	0.2	1
58	Time is Life! Using Smartwatches to Deliver Laboratory Results in Emergency Departments. Studies in Health Technology and Informatics, 2019, 258, 233-234.	0.2	1
59	Usability Testing and Technology Acceptance of an mHealth App at the Point of Care During Simulated Pediatric In- and Out-of-Hospital Cardiopulmonary Resuscitations: Study Nested Within 2 Multicenter Randomized Controlled Trials. JMIR Human Factors, 2022, 9, e35399.	1.0	1
60	User-Centred Approach to Design an Online Social Support Platform for Seniors : Identification of Users' Types and Their Requirements. Studies in Health Technology and Informatics, 2020, 270, 1081-1085.	0.2	1
61	Use of a Semiautomatic Text Message System to Improve Satisfaction With Wait Time in the Adult Emergency Department: Cross-sectional Survey Study. JMIR Medical Informatics, 2022, 10, e34488.	1.3	1
62	Designing a Senior Friendly Interface for a Personalized 3D Narrative Simulation. , 2020, , .		0
63	Challenges and methodology for indexing the computerized patient record. Studies in Health Technology and Informatics, 2007, 129, 417-21.	0.2	0
64	User acquaintance with mobile interfaces. Studies in Health Technology and Informatics, 2013, 189, 125-30.	0.2	0
65	How to represent the decision process in a medication plan: the case of the Swiss cohort of inflammatory bowel diseases. Studies in Health Technology and Informatics, 2015, 210, 724-8.	0.2	0
66	Individual Nomad Clinical Assistant: Supporting Nurses at the Point of Care. Studies in Health Technology and Informatics, 2016, 225, 654-5.	0.2	0
67	Swiss-Meds: An App Fostering Medication Adherence of Swiss Patient. Studies in Health Technology and Informatics, 2019, 259, 71-76.	0.2	0