

Christoph B Näthiger

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

406
citations

840119

11
h-index

839053

18
g-index

31
all docs

31
docs citations

31
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of the Raw National Aeronautics and Space Administration Task Load Index (NASA-TLX) Questionnaire to Assess Perceived Workload in Patient Monitoring Tasks: Pooled Analysis Study Using Mixed Models. <i>Journal of Medical Internet Research</i> , 2020, 22, e19472.	2.1	56
2	Using an animated patient avatar to improve perception of vital sign information by anaesthesia professionals. <i>British Journal of Anaesthesia</i> , 2018, 121, 662-671.	1.5	39
3	An Anesthesia Preinduction Checklist to Improve Information Exchange, Knowledge of Critical Information, Perception of Safety, and Possibly Perception of Teamwork in Anesthesia Teams. <i>Anesthesia and Analgesia</i> , 2015, 121, 948-956.	1.1	36
4	User perceptions of avatar-based patient monitoring: a mixed qualitative and quantitative study. <i>BMC Anesthesiology</i> , 2018, 18, 188.	0.7	29
5	Avatar-based patient monitoring in critical anaesthesia events: a randomised high-fidelity simulation study. <i>British Journal of Anaesthesia</i> , 2021, 126, 1046-1054.	1.5	26
6	How to Conduct Multimethod Field Studies in the Operating Room: The iPad Combined With a Survey App as a Valid and Reliable Data Collection Tool. <i>JMIR Research Protocols</i> , 2016, 5, e4.	0.5	26
7	Improving decision making through presentation of viscoelastic tests as a 3D animated blood clot: the Visual Clot. <i>Anaesthesia</i> , 2020, 75, 1059-1069.	1.8	25
8	Avatar-based versus conventional vital sign display in a central monitor for monitoring multiple patients: a multicenter computer-based laboratory study. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 26.	1.5	25
9	Avatar-Based Patient Monitoring With Peripheral Vision: A Multicenter Comparative Eye-Tracking Study. <i>Journal of Medical Internet Research</i> , 2019, 21, e13041.	2.1	22
10	The Mechanisms Responsible for Improved Information Transfer in Avatar-Based Patient Monitoring: Multicenter Comparative Eye-Tracking Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e15070.	2.1	21
11	It's not you, it's the design - common problems with patient monitoring reported by anesthesiologists: a mixed qualitative and quantitative study. <i>BMC Anesthesiology</i> , 2019, 19, 87.	0.7	18
12	Voice alerting as a medical alarm modality for next-generation patient monitoring: a randomised international multicentre trial. <i>British Journal of Anaesthesia</i> , 2021, 127, 769-777.	1.5	11
13	SafAIRway. <i>Medicine (United States)</i> , 2016, 95, e3849.	0.4	10
14	Effects of an Animated Blood Clot Technology (Visual Clot) on the Decision-Making of Users Inexperienced in Viscoelastic Testing: Multicenter Trial. <i>Journal of Medical Internet Research</i> , 2021, 23, e27124.	2.1	9
15	Physicians' Perceptions of a Situation Awareness-Oriented Visualization Technology for Viscoelastic Blood Coagulation Management (Visual Clot): Mixed Methods Study. <i>JMIR Serious Games</i> , 2020, 8, e19036.	1.7	9
16	Using educational video to enhance protocol adherence for medical procedures – This manuscript was screened for plagiarism on September 19th, 2015 using Grammarly.com.. <i>British Journal of Anaesthesia</i> , 2016, 116, 662-669.	1.5	8
17	Faster Time to Treatment Decision of Viscoelastic Coagulation Test Results through Improved Perception with the Animated Visual Clot: A Multicenter Comparative Eye-Tracking Study. <i>Diagnostics</i> , 2022, 12, 1269.	1.3	7
18	Comparing Classroom Instruction to Individual Instruction as an Approach to Teach Avatar-Based Patient Monitoring With Visual Patient: Simulation Study. <i>JMIR Medical Education</i> , 2020, 6, e17922.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Improving Visual-Patient-Avatar Design Prior to Its Clinical Release: A Mixed Qualitative and Quantitative Study. <i>Diagnostics</i> , 2022, 12, 555.	1.3	5
20	User Perceptions of Different Vital Signs Monitor Modalities During High-Fidelity Simulation: Semiquantitative Analysis. <i>JMIR Human Factors</i> , 2022, 9, e34677.	1.0	4
21	Visual Attention of Anesthesia Providers in Simulated Anesthesia Emergencies Using Conventional Number-Based and Avatar-Based Patient Monitoring: Prospective Eye-Tracking Study. <i>JMIR Serious Games</i> , 2022, 10, e35642.	1.7	3
22	Correction: Comparing Classroom Instruction to Individual Instruction as an Approach to Teach Avatar-Based Patient Monitoring With Visual Patient: Simulation Study. <i>JMIR Medical Education</i> , 2020, 6, e24459.	1.2	1