Christoph B Nöthiger

List of Publications by Year in descending order

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| # | 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. Journal of Medical Internet Research, 2020, 22, e19472. | 4.3 | 56 |
| 2 | Using an animated patient avatar to improve perception of vital sign information by anaesthesia professionals. British Journal of Anaesthesia, 2018, 121, 662-671. | 3.4 | 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. Anesthesia and Analgesia, 2015, 121, 948-956. | 2.2 | 36 |
| 4 | User perceptions of avatar-based patient monitoring: a mixed qualitative and quantitative study. BMC Anesthesiology, 2018, 18, 188. | 1.8 | 29 |
| 5 | Avatar-based patient monitoring in critical anaesthesia events: a randomised high-fidelity simulation study. British Journal of Anaesthesia, 2021, 126, 1046-1054. | 3.4 | 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. JMIR Research Protocols, 2016, 5, e4. | 1.0 | 26 |
| 7 | Improving decision making through presentation of viscoelastic tests as a 3D animated blood clot: the Visual Clot. Anaesthesia, 2020, 75, 1059-1069. | 3.8 | 25 |
| 8 | Avatar-based versus conventional vital sign display in a central monitor for monitoring multiple patients: a multicenter computer-based laboratory study. BMC Medical Informatics and Decision Making, 2020, 20, 26. | 3.0 | 25 |
| 9 | Avatar-Based Patient Monitoring With Peripheral Vision: A Multicenter Comparative Eye-Tracking Study. Journal of Medical Internet Research, 2019, 21, e13041. | 4.3 | 22 |
| 10 | The Mechanisms Responsible for Improved Information Transfer in Avatar-Based Patient Monitoring: Multicenter Comparative Eye-Tracking Study. Journal of Medical Internet Research, 2020, 22, e15070. | 4.3 | 21 |
| 11 | lt's not you, it's the design - common problems with patient monitoring reported by anesthesiologists: a mixed qualitative and quantitative study. BMC Anesthesiology, 2019, 19, 87. | 1.8 | 18 |
| 12 | Voice alerting as a medical alarm modality for next-generation patient monitoring: a randomised international multicentre trial. British Journal of Anaesthesia, 2021, 127, 769-777. | 3.4 | 11 |
| 13 | SafAIRway. Medicine (United States), 2016, 95, e3849. | 1.0 | 10 |
| 14 | Effects of an Animated Blood Clot Technology (Visual Clot) on the Decision-Making of Users Inexperienced in Viscoelastic Testing: Multicenter Trial. Journal of Medical Internet Research, 2021, 23, e27124. | 4.3 | 9 |
| 15 | Physicians' Perceptions of a Situation Awareness–Oriented Visualization Technology for Viscoelastic Blood Coagulation Management (Visual Clot): Mixed Methods Study. JMIR Serious Games, 2020, 8, e19036. | 3.1 | 9 |
| 16 | Using educational video to enhance protocol adherence for medical procedures †â€This manuscript was screened for plagiarism on September 19th, 2015 using Grammarly.com British Journal of Anaesthesia, 2016, 116, 662-669. | 3.4 | 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. Diagnostics, 2022, 12, 1269. | 2.6 | 7 |
| 18 | Comparing Classroom Instruction to Individual Instruction as an Approach to Teach Avatar-Based Patient Monitoring With Visual Patient: Simulation Study. JMIR Medical Education, 2020, 6, e17922. | 2.6 | 5 |

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|----|---|-----|-----------|
| 19 | Improving Visual-Patient-Avatar Design Prior to Its Clinical Release: A Mixed Qualitative and Quantitative Study. Diagnostics, 2022, 12, 555. | 2.6 | 5 |
| 20 | User Perceptions of Different Vital Signs Monitor Modalities During High-Fidelity Simulation: Semiquantitative Analysis. JMIR Human Factors, 2022, 9, e34677. | 2.0 | 4 |
| 21 | Visual Attention of Anesthesia Providers in Simulated Anesthesia Emergencies Using Conventional Number-Based and Avatar-Based Patient Monitoring: Prospective Eye-Tracking Study. JMIR Serious Games, 2022, 10, e35642. | 3.1 | 3 |
| 22 | Correction: Comparing Classroom Instruction to Individual Instruction as an Approach to Teach Avatar-Based Patient Monitoring With Visual Patient: Simulation Study. JMIR Medical Education, 2020, 6, e24459. | 2.6 | 1 |