

David Tscholl

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

552
citations

566801

15
h-index

713013

21
g-index

49
all docs

49
docs citations

49
times ranked

292
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	Comparison of 2 Informant Questionnaire Screening Tools for Dementia and Mild Cognitive Impairment. <i>Alzheimer Disease and Associated Disorders</i> , 2014, 28, 156-161.	0.6	46
3	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
4	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
5	User perceptions of avatar-based patient monitoring: a mixed qualitative and quantitative study. <i>BMC Anesthesiology</i> , 2018, 18, 188.	0.7	29
6	Point-of-Care Diagnostics in Coagulation Management. <i>Sensors</i> , 2020, 20, 4254.	2.1	26
7	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
8	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
9	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
10	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
11	Situation Awareness-Oriented Patient Monitoring with Visual Patient Technology: A Qualitative Review of the Primary Research. <i>Sensors</i> , 2020, 20, 2112.	2.1	25
12	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
13	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
14	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
15	Blind Intubation through Self-pressurized, Disposable Supraglottic Airway Laryngeal Intubation Masks. <i>Anesthesiology</i> , 2017, 127, 307-316.	1.3	17
16	Effects of a standardized distraction on caregivers' perceptive performance with avatar-based and conventional patient monitoring: a multicenter comparative study. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 1369-1378.	0.7	14
17	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
18	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

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19	Physiciansâ€™ Perceptions of a Situation Awarenessâ€œOriented Visualization Technology for Viscoelastic Blood Coagulation Management (Visual Clot): Mixed Methods Study. JMIR Serious Games, 2020, 8, e19036.	1.7	9
20	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.	1.5	8
21	The Haemostasis Traffic Light, a userâ€œcentred coagulation management tool for acute bleeding situations: a simulationâ€œbased randomised dualâ€œcentre trial. Anaesthesia, 2021, 76, 902-910.	1.8	7
22	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.	1.3	7
23	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.	1.2	5
24	Improving Visual-Patient-Avatar Design Prior to Its Clinical Release: A Mixed Qualitative and Quantitative Study. Diagnostics, 2022, 12, 555.	1.3	5
25	User Perceptions of Different Vital Signs Monitor Modalities During High-Fidelity Simulation: Semiquantitative Analysis. JMIR Human Factors, 2022, 9, e34677.	1.0	4
26	Anesthesia personnelâ€™s visual attention regarding patient monitoring in simulated non-critical and critical situations, an eye-tracking study. BMC Anesthesiology, 2022, 22, .	0.7	4
27	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.	1.7	3
28	Physiciansâ€™ perceptions regarding acute bleeding management: an international mixed qualitative quantitative study. BMC Anesthesiology, 2021, 21, 43.	0.7	2
29	Physicians' perceptions of two ways of algorithm presentation: graphic versus text-based approach. Ergonomics, 2022, 65, 1326-1337.	1.1	2
30	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.	1.2	1