

Fokie Cnossen

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

822
citations

687363

13
h-index

526287

27
g-index

41
all docs

41
docs citations

41
times ranked

992
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Persuasive robotic assistant for health self-management of older adults: Design and evaluation of social behaviors. <i>International Journal of Human Computer Studies</i> , 2010, 68, 386-397. | 5.6 | 192 |
| 2 | Avoiding Surgical Skill Decay: A Systematic Review on the Spacing of Training Sessions. <i>Journal of Surgical Education</i> , 2018, 75, 471-480. | 2.5 | 64 |
| 3 | The Role of Motivation as a Factor in Mental Fatigue. <i>Human Factors</i> , 2019, 61, 1171-1185. | 3.5 | 57 |
| 4 | Adaptive strategy changes as a function of task demands: a study of car drivers. <i>Ergonomics</i> , 2004, 47, 218-236. | 2.1 | 50 |
| 5 | Strategic changes in task performance in simulated car driving as an adaptive response to task demands. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2000, 3, 123-140. | 3.7 | 45 |
| 6 | Improving the radiologistâ€“CAD interaction: designing for appropriate trust. <i>Clinical Radiology</i> , 2015, 70, 115-122. | 1.1 | 40 |
| 7 | Incorporating guidelines for health assistance into a socially intelligent robot. , 2006, , . | | 38 |
| 8 | The effects of intrinsic motivation on mental fatigue. <i>PLoS ONE</i> , 2021, 16, e0243754. | 2.5 | 37 |
| 9 | Personalising game difficulty to keep children motivated to play with a social robot: A Bayesian approach. <i>Cognitive Systems Research</i> , 2017, 43, 222-231. | 2.7 | 36 |
| 10 | Heart rate variability as a measure of mental stress in surgery: a systematic review. <i>International Archives of Occupational and Environmental Health</i> , 2020, 93, 805-821. | 2.3 | 33 |
| 11 | Adaptive support for user interface customization: a study in radiology. <i>International Journal of Human Computer Studies</i> , 2015, 77, 1-9. | 5.6 | 24 |
| 12 | Merits of usability testing for PACS selection. <i>International Journal of Medical Informatics</i> , 2014, 83, 27-36. | 3.3 | 21 |
| 13 | Testing the effects of hypnotics on memory via the telephone: fact or fiction?. <i>Psychopharmacology</i> , 1993, 111, 127-133. | 3.1 | 18 |
| 14 | Developing a user interface for the iPAM stroke rehabilitation system. , 2009, , . | | 17 |
| 15 | Recruiting expertise: how surgical trainees engage supervisors for learning in the operating room. <i>Medical Education</i> , 2019, 53, 616-627. | 2.1 | 15 |
| 16 | Pattern mining of user interaction logs for a post-deployment usability evaluation of a radiology PACS client. <i>International Journal of Medical Informatics</i> , 2016, 85, 36-42. | 3.3 | 12 |
| 17 | The Effects of Expert and Augmented Feedback on Learning a Complex Medical Skill. <i>Perceptual and Motor Skills</i> , 2020, 127, 766-784. | 1.3 | 11 |
| 18 | Dark Play of Serious Games: Effectiveness and Features (G4HE2018). <i>Games for Health Journal</i> , 2019, 8, 301-306. | 2.0 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Improved usability of a multi-infusion setup using a centralized control interface: A task-based usability test. PLoS ONE, 2017, 12, e0183104. | 2.5 | 9 |
| 20 | Testing the effects of the imidazopyridine zolpidem on memory: An ecologically valid approach. Human Psychopharmacology, 1992, 7, 325-330. | 1.5 | 8 |
| 21 | Instance-Based Models of Metacognition in the Prisoner's Dilemma. Topics in Cognitive Science, 2016, 8, 322-334. | 1.9 | 8 |
| 22 | Post-deployment usability evaluation of a radiology workstation. International Journal of Medical Informatics, 2016, 85, 28-35. | 3.3 | 8 |
| 23 | Using Cognitive Agents to Train Negotiation Skills. Frontiers in Psychology, 2018, 9, 154. | 2.1 | 8 |
| 24 | Bio-sensing for Emotional Characterization without Word Labels. Lecture Notes in Computer Science, 2009, , 693-702. | 1.3 | 8 |
| 25 | The Supervisor's Toolkit: Strategies of Supervisors to Entrust and Regulate Autonomy of Residents in the Operating Room. Annals of Surgery, 2022, 275, e264-e270. | 4.2 | 8 |
| 26 | Modeling motivation using goal competition in mental fatigue studies. Journal of Mathematical Psychology, 2021, 102, 102540. | 1.8 | 7 |
| 27 | Visual metaphors on anaesthesia monitors do not improve anaesthetists' performance in the operating theatre. British Journal of Anaesthesia, 2013, 110, 816-822. | 3.4 | 6 |
| 28 | Reasons to Engage in and Learning Experiences From Different Play Strategies in a Web-Based Serious Game on Delirium for Medical Students: Mixed Methods Design. JMIR Serious Games, 2020, 8, e18479. | 3.1 | 6 |
| 29 | Machine learning in anesthesiology: Detecting adverse events in clinical practice. Health Informatics Journal, 2022, 28, 146045822211128. | 2.1 | 5 |
| 30 | Predicting Human Performance Differences on Multiple Interface Alternatives: KLM, GOMS and CogTool are Unreliable. Procedia Manufacturing, 2015, 3, 3725-3731. | 1.9 | 4 |
| 31 | Residents Think in the "Now" and Supervisors Think Ahead in the Operating Room. A Survey Study About Task Perception of Residents and Supervising Surgeons. Journal of Surgical Education, 2021, 78, 104-112. | 2.5 | 4 |
| 32 | Fingerprints of Teaching Interactions: Capturing and Quantifying How Supervisor Regulate Autonomy of Residents in the Operating Room. Journal of Surgical Education, 2021, 78, 1197-1208. | 2.5 | 3 |
| 33 | Cognitive Skill in Medicine: An Introduction. , 2014, , 1-41. | | 2 |
| 34 | Explicit teaching in the operating room: Adding the why to the what. Medical Education, 2022, 56, 202-210. | 2.1 | 2 |
| 35 | Qualitative development and content validation of the "SPART" model; a focused ethnography study of observable diagnostic and therapeutic activities in the emergency medical services care process. BMC Emergency Medicine, 2021, 21, 135. | 1.9 | 2 |
| 36 | Mental rotation ability predicts the acquisition of basic endovascular skills. Scientific Reports, 2021, 11, 22453. | 3.3 | 2 |

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|----|---|-----|-----------|
| 37 | The Effects of Mental Fatigue on Surgical Performance – A Systematic Review. European Journal of Vascular and Endovascular Surgery, 2019, 58, e801-e802. | 1.5 | 1 |
| 38 | Cognitive Skills in Medicine: An Introduction. , 2015, , 4719-4752. | | 1 |
| 39 | Development and Evaluation of the Taxonomy of Trauma Leadership Skills – Shortened for Observation and Reflection in Training. Simulation in Healthcare, 2021, 16, 37-45. | 1.2 | 1 |
| 40 | How much logical structure is helpful in content-based argumentation software for legal case solving?. , 2009, , . | | 0 |