

Simone Borsci

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,088
citations

471509

17
h-index

454955

30
g-index

57
all docs

57
docs citations

57
times ranked

1140
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | On the dimensionality of the System Usability Scale: a test of alternative measurement models. <i>Cognitive Processing</i> , 2009, 10, 193-197. | 1.4 | 193 |
| 2 | Assessing User Satisfaction in the Era of User Experience: Comparison of the SUS, UMUX, and UMUX-LITE as a Function of Product Experience. <i>International Journal of Human-Computer Interaction</i> , 2015, 31, 484-495. | 4.8 | 99 |
| 3 | Empirical evidence, evaluation criteria and challenges for the effectiveness of virtual and mixed reality tools for training operators of car service maintenance. <i>Computers in Industry</i> , 2015, 67, 17-26. | 9.9 | 84 |
| 4 | Providing assistive technology in Italy: the perceived delivery process quality as affecting abandonment. <i>Disability and Rehabilitation: Assistive Technology</i> , 2016, 11, 22-31. | 2.2 | 54 |
| 5 | The Chatbot Usability Scale: the Design and Pilot of a Usability Scale for Interaction with AI-Based Conversational Agents. <i>Personal and Ubiquitous Computing</i> , 2022, 26, 95-119. | 2.8 | 46 |
| 6 | The abandonment of assistive technology in Italy: a survey of National Health Service users. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2016, 52, 516-26. | 2.2 | 39 |
| 7 | Designing medical technology for resilience: integrating health economics and human factors approaches. <i>Expert Review of Medical Devices</i> , 2018, 15, 15-26. | 2.8 | 37 |
| 8 | Effectiveness of a multidevice 3D virtual environment application to train car service maintenance procedures. <i>Virtual Reality</i> , 2016, 20, 41-55. | 6.1 | 36 |
| 9 | Reviewing and Extending the Five-User Assumption. <i>ACM Transactions on Computer-Human Interaction</i> , 2013, 20, 1-23. | 5.7 | 31 |
| 10 | HEALTH TECHNOLOGY ASSESSMENT METHODS GUIDELINES FOR MEDICAL DEVICES: HOW CAN WE ADDRESS THE GAPS? THE INTERNATIONAL FEDERATION OF MEDICAL AND BIOLOGICAL ENGINEERING PERSPECTIVE. <i>International Journal of Technology Assessment in Health Care</i> , 2018, 34, 276-289. | 0.5 | 28 |
| 11 | An ideal model of an assistive technology assessment and delivery process. <i>Technology and Disability</i> , 2014, 26, 27-38. | 0.6 | 27 |
| 12 | How many testers are needed to assure the usability of medical devices?. <i>Expert Review of Medical Devices</i> , 2014, 11, 513-525. | 2.8 | 24 |
| 13 | Web usability evaluation with screen reader users: implementation of the partial concurrent thinking aloud technique. <i>Cognitive Processing</i> , 2010, 11, 263-272. | 1.4 | 22 |
| 14 | Effects of a tall ship sail training experience on adolescents' self-concept. <i>International Journal of Educational Research</i> , 2013, 58, 15-24. | 2.2 | 22 |
| 15 | Is the LITE version of the usability metric for user experience (UMUX-LITE) a reliable tool to support rapid assessment of new healthcare technology?. <i>Applied Ergonomics</i> , 2020, 84, 103007. | 3.1 | 22 |
| 16 | Evaluation of a hub-and-spoke model for the delivery of femtosecond laser-assisted cataract surgery within the context of a large randomised controlled trial. <i>British Journal of Ophthalmology</i> , 2018, 102, 1556-1563. | 3.9 | 21 |
| 17 | Shaking the usability tree: why usability is not a dead end, and a constructive way forward. <i>Behaviour and Information Technology</i> , 2019, 38, 519-532. | 4.0 | 21 |
| 18 | Beyond the User Preferences: Aligning the Prototype Design to the Users' Expectations. <i>Human Factors and Ergonomics in Manufacturing</i> , 2016, 26, 16-39. | 2.7 | 19 |

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|----|--|-----|-----------|
| 19 | Tablet and web-based audiometry to screen for hearing loss in adults with cystic fibrosis. <i>Thorax</i> , 2020, 75, 632-639. | 5.6 | 16 |
| 20 | Why you need to include human factors in clinical and empirical studies of in vitro point of care devices? Review and future perspectives. <i>Expert Review of Medical Devices</i> , 2016, 13, 405-416. | 2.8 | 14 |
| 21 | Inside Pandora's box: a systematic review of the assessment of the perceived quality of chatbots for people with disabilities or special needs. <i>Disability and Rehabilitation: Assistive Technology</i> , 2020, 15, 832-837. | 2.2 | 14 |
| 22 | Usability study of pH strips for nasogastric tube placement. <i>PLoS ONE</i> , 2017, 12, e0189013. | 2.5 | 14 |
| 23 | Relationship Between Trust and Usability in Virtual Environments: An Ongoing Study. <i>Lecture Notes in Computer Science</i> , 2015, , 49-59. | 1.3 | 13 |
| 24 | Causal factors of low stakeholder engagement: a survey of expert opinions in the context of healthcare simulation projects. <i>Simulation</i> , 2015, 91, 511-526. | 1.8 | 12 |
| 25 | When simulated environments make the difference: the effectiveness of different types of training of car service procedures. <i>Virtual Reality</i> , 2016, 20, 83-99. | 6.1 | 12 |
| 26 | Effects of active microbreaks on the physical and mental well-being of office workers: A systematic review. <i>Cogent Engineering</i> , 2022, 9, . | 2.2 | 12 |
| 27 | Case Studies on the Use of Sentiment Analysis to Assess the Effectiveness and Safety of Health Technologies: A Scoping Review. <i>IEEE Access</i> , 2021, 9, 66043-66051. | 4.2 | 11 |
| 28 | The Bootstrap Discovery Behaviour (BDB): a new outlook on usability evaluation. <i>Cognitive Processing</i> , 2011, 12, 23-31. | 1.4 | 10 |
| 29 | Time and motion studies of National Health Service cataract theatre lists to determine strategies to improve efficiency. <i>British Journal of Ophthalmology</i> , 2018, 102, 1259-1267. | 3.9 | 10 |
| 30 | The Lean and Agile Multi-dimensional Process (LAMP) – a new framework for rapid and iterative evidence generation to support health-care technology design and development. <i>Expert Review of Medical Devices</i> , 2020, 17, 277-288. | 2.8 | 9 |
| 31 | Attitudes towards Trusting Artificial Intelligence Insights and Factors to Prevent the Passive Adherence of GPs: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 3101. | 2.4 | 9 |
| 32 | Usability evaluation with screen reader users: a video presentation of the PCTA's experimental setting and rules. <i>Cognitive Processing</i> , 2010, 11, 285-288. | 1.4 | 7 |
| 33 | Web popularity: an illusory perception of a qualitative order in information. <i>Universal Access in the Information Society</i> , 2010, 9, 375-386. | 3.0 | 6 |
| 34 | Short Scales of Satisfaction Assessment: A Proxy to Involve Disabled Users in the Usability Testing of Websites. <i>Lecture Notes in Computer Science</i> , 2015, , 35-42. | 1.3 | 6 |
| 35 | Embedding artificial intelligence in society: looking beyond the EU AI master plan using the culture cycle. <i>AI and Society</i> , 2023, 38, 1465-1484. | 4.6 | 5 |
| 36 | Integrating fuzzy theory and visualization for QoS-aware selection of SaaS in cloud e-Marketplaces. <i>Cogent Engineering</i> , 2021, 8, . | 2.2 | 4 |

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|----|--|-----|-----------|
| 37 | Early Prototype Assessment of a New Virtual System for Training Procedural Skills of Automotive Service Operators: LARTE Tool. Lecture Notes in Computer Science, 2015, , 135-143. | 1.3 | 4 |
| 38 | Beyond a Visuocentric Way of a Visual Web Search Clustering Engine: The Sonification of WhatsOnWeb. Lecture Notes in Computer Science, 2010, , 351-357. | 1.3 | 4 |
| 39 | A visual sonificated web search clustering engine. Cognitive Processing, 2009, 10, 286-289. | 1.4 | 3 |
| 40 | Trust and Human Factors in the Design of Healthcare Technology. Advances in Intelligent Systems and Computing, 2019, , 207-215. | 0.6 | 3 |
| 41 | A Grounded Procedure for Managing Data and Sample Size of a Home Medical Device Assessment. Lecture Notes in Computer Science, 2013, , 166-175. | 1.3 | 3 |
| 42 | The Bootstrap Discovery Behaviour Model. , 2012, , 258-279. | | 3 |
| 43 | Environmental Evaluation of a Rehabilitation Aid Interaction under the Framework of the Ideal Model of Assistive Technology Assessment Process. Lecture Notes in Computer Science, 2013, , 203-210. | 1.3 | 3 |
| 44 | Development and validation of ester impregnated pH strips for locating nasogastric feeding tubes in the stomach—a multicentre prospective diagnostic performance study. Diagnostic and Prognostic Research, 2021, 5, 22. | 1.8 | 3 |
| 45 | Human factors and system thinking for medical device. , 2020, , 829-831. | | 2 |
| 46 | Integrating human factors and health economics to inform the design of medical device: a conceptual framework. IFMBE Proceedings, 2018, , 49-52. | 0.3 | 2 |
| 47 | Verifying the X for design framework capabilities in improving user experience evaluation activities. Cogent Engineering, 2019, 6, . | 2.2 | 1 |
| 48 | Multicriteria decision aiding for early health technology assessment of medical devices. , 2020, , 807-811. | | 1 |
| 49 | A Model of Web-Based Follow-Up to Reduce Assistive Technology Abandonment. Lecture Notes in Computer Science, 2014, , 674-682. | 1.3 | 0 |