

# Simone Borsci

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4115210/publications.pdf>

Version: 2024-02-01

49  
papers

1,088  
citations

471477

17  
h-index

454934

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

#	ARTICLE	IF	CITATIONS
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

#	ARTICLE	IF	CITATIONS
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