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Elisângela Brito Pessoa Vilar

Supervisions

- **M.Sc. Dissertations**

- **Concluded**

| | Student Name | Title/Topic | Language | Institution | Concluding Year |
|---|----------------------------|--|----------|-------------|-----------------|
| 1 | Tânia Sofia Pereira Borges | Can a Nature-Like Surrounding Influence Interview Anxiety? A Virtual Reality Study | English | Iscte | 2015 |

Total Citations

| | |
|-----------------|-----|
| Web of Science® | 312 |
| Scopus | 319 |

Publications

• Scientific Journals

- Scientific journal paper

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|---|---|
| 1 | Vilar, E., Rebelo, F. & Noriega, P. (2014). Indoor human wayfinding performance using vertical and horizontal signage in virtual reality. <i>Human Factors and Ergonomics in Manufacturing and Service Industries</i> . 24 (6), 601-615 - Times Cited Web of Science®: 112 - Times Cited Scopus: 109 |
| 2 | Vilar, E., Rebelo, F., Noriega, P., Teles, J. & Mayhorn, C. (2013). Signage versus environmental affordances: is the explicit information strong enough to guide human behavior during a wayfinding task?. <i>Human Factors and Ergonomics in Manufacturing and Service Industries</i> . 25 (4), 453-468 - Times Cited Web of Science®: 38 - Times Cited Scopus: 37 |
| 3 | Vilar, E., Rebelo, F., Noriega, P., Teles, J. & Mayhorn, C. (2013). The influence of environmental features on route selection in an emergency situation. <i>Applied Ergonomics</i> . 44 (4), 618-627 - Times Cited Web of Science®: 110 - Times Cited Scopus: 106 |
| 4 | Teixeira, L., Vilar, E., Duarte, E., Rebelo, F. & da Silva, F. M. (2012). Comparing two types of navigational interfaces for virtual reality. <i>Work: A Journal of Prevention, Assessment and Rehabilitation</i> . 41, 2195-2200 - Times Cited Web of Science®: 6 - Times Cited Scopus: 7 |
| 5 | Vilar, E., Teixeira, L., Rebelo, F., Noriega, P. & Teles, J. (2012). Using environmental affordances to direct people natural movement indoors. <i>Work: A Journal of Prevention, Assessment and Rehabilitation</i> . 41, 1149-1156 - Times Cited Web of Science®: 39 - Times Cited Scopus: 34 |
| 6 | Vilar, E., Filgueiras, E. & Rebelo, F. (2007). Integration of people with disabilities in the workplace: a methodology to evaluate the accessibility degree. <i>Occupational Ergonomics</i> . 7 (2), 95-114 - Times Cited Scopus: 1 |

• Books and Book Chapters

- Book chapter

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| 1 | Eloy, S., Dias, J., Lopes, P. F. & Vilar, E. (2016). Digital technologies in architecture and engineering: Exploring an engaged interaction within curricula. In David Fonseca, Ernest Redondo (Ed.), <i>Handbook of research on applied e-learning in engineering and architecture education</i> . (pp. 368-402).: IGI Global. - Times Cited Google Scholar: 16 |
| 2 | Dias, M. S., Vilar, E., Sousa, F., Vasconcelos, A., Pinto, F. M., Saldanha, N....Eloy, S. (2015). A living labs approach for usability testing of ambient assisted living technologies. In Marcus, A. (Ed.), <i>Design, user experience, and usability: Design discourse</i> . Lecture Notes in Computer Science. (pp. 167-178). Los Angeles: Springer. - Times Cited Web of Science®: 4 - Times Cited Scopus: 7 - Times Cited Google Scholar: 15 |
| 3 | Vilar, E., Rebelo, F., Noriega, P., Teixeira, L., Duarte, E. & Filgueiras, E. (2013). Are Emergency Egress Signs Strong Enough to Overlap the Influence of the Environmental Variables?. In Aaron Marcus (Ed.), <i>Design, User Experience, and Usability. User Experience in Novel Technological Environments</i> . (pp. 205-214). Berlin, Heidelberg: Springer Berlin Heidelberg. - Times Cited Scopus: 6 |

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| 4 | Vilar, E., Noriega, P., Rebelo, F., Pereira, Leonor & Santos, I. (2012). Eye movement and environmental affordances in an emergency egress task: A pilot study. In Francisco Rebelo & Marcelo Soares (Ed.), <i>Advances in Usability Evaluation Part II</i> . (pp. 8355-8364). Boca Raton: CRC Press . |
| 5 | Duarte, E., Vilar, E., Rebelo, F., Teles, J. & Almeida, A. (2011). Some Evidences of the Impact of Environment's Design Features in Routes Selection in Virtual Environments. In Randall Shumaker (Ed.), <i>Virtual and Mixed Reality - New Trends</i> . (pp. 154-163). Berlin, Heidelberg: Springer Berlin Heidelberg. - Times Cited Scopus: 3 |
| 6 | Vilar, E., Rebelo, F., Noriega, P. & Teixeira, L. (2011). Environmental Affordances as a Way to Help in the Design of Videogame Worlds. In Aaron Marcus (Ed.), <i>Design, User Experience, and Usability. Theory, Methods, Tools and Practice</i> . (pp. 323-331). Berlin, Heidelberg: Springer Berlin Heidelberg. - Times Cited Web of Science®: 1 |
| 7 | Vilar, E. & Rebelo, F. (2010). Virtual Reality in Wayfinding Studies. In D . Kaber and G . Boy (Ed.), <i>Advances in Cognitive Ergonomics</i> . (pp. 802-811). Boca Raton: CRC Press. |
| 8 | Vilar, E., Rebelo, F., Teixeira, L. & Teles, J. (2010). Are people able to develop cognitive maps of virtual environments while performing wayfinding tasks?. In <i>Advances in Cognitive Ergonomics</i> . (pp. 576-585). Boca Raton: CRC Press. |
| 9 | Vilar, E., Filgueiras, E. & Rebelo, F. (2007). Methodology to Apply a Usability Testing by Non Specialized People: Evaluation of the European Platform "e-Exhibitions". In Marvin J. Dainoff (Ed.), <i>Ergonomics and Health Aspects of Work with Computers</i> . (pp. 359-367). Berlin, Heidelberg: Springer Berlin Heidelberg. |

• Conferences/Workshops and Talks

- Publication in conference proceedings

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| 1 | Dias, M. S., Eloy, S., Carreiro, M., Vilar, E., Marques, S., Moural, A....Pedro, T. (2014). Space perception in virtual environments: On how biometric sensing in virtual environments may give architects users's feedback. In Thompson, E. M. (Ed.), <i>Fusion - Proceedings of the 32nd eCAADe Conference</i> . (pp. 271-280). Newcastle: Education and research in Computer Aided Architectural Design in Europe. - Times Cited Web of Science®: 2 - Times Cited Scopus: 9 - Times Cited Google Scholar: 14 |
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- Talk

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| 1 | Leite, Sofia, Resende, R., Dias, J., Eloy, S., Freitas, J., Marques, S....Silva Pedro, T. (2015). User experience during VE navigation quantified by self-report and physiological data . 3rd SUWMIAC - Summer Workshop Microsoft-ISCTE IUL on Applied Computing. |
| 2 | Marques, S., Ramos, M., Cruz, J., Dias, J., Eloy, S., Carreiro, M...Vilar, E. (2015). Matter over mind: environmental influences on the activation of aging stereotypes. The Gerontological Society of America: 68th Annual Scientific Meeting. - Times Cited Google Scholar: 1 |
| 3 | Dias, Miguel Sales, Eloy, S., Carreiro, M., Proença, P., Moural, A., Silva Pedro, T....d'Alpuim, J. (2014). Designing better spaces for people. Proceedings of CAADRIA 2014 conference. 739-748 - Times Cited Google Scholar: 18 |

