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Tiago da Silva Pedro

Academic Qualifications

University/Institution	Type	Degree	Period
ISCTE-IUL	M.Sc.	Computer Engineering	2018
ISCTE-IUL	Licenciante	Licenciatura em Ciências e Técnicas de Arquitetura	2014

Total Citations

Web of Science®	23
Scopus	18

Publications

- **Scientific Journals**

- Scientific journal paper

1	<p>Silva Pedro, T. & Silva, J. L. (2021). Towards higher sense of presence: a 3D virtual environment adaptable to confusion and engagement. IEEE Access. 9, 8455-8470</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 1 - Times Cited Scopus: 2 - Times Cited Google Scholar: 4
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2	<p>Leite, S., Dias, J., Eloy, S., Freitas, J., Marques, S., Silva Pedro, T....Ourique, L. (2019). Physiological arousal quantifying perception of safe and unsafe virtual environments by older and younger adults. <i>Sensors</i>. 19 (11), 1-19</p> <p>- Times Cited Web of Science®: 9</p> <p>- Times Cited Scopus: 11</p> <p>- Times Cited Google Scholar: 15</p>
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• Books and Book Chapters

- Book chapter

1	<p>Eloy, S., Lopes, P. F., Silva Pedro, T., Ourique, Lázaro & Dias, L. (2018). Mobile apps for acting on the physical space for people inclusion. In <i>Mobile Applications and Solutions for Social Inclusion</i>.</p>
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• Conferences/Workshops and Talks

- Publication in conference proceedings

1	<p>Parece, S., Silva Pedro, T., Gonçalves, T., Rodrigues, P. & Resende, R. (2024). Uma ferramenta baseada em BIM para a avaliação expedita do carbono incorporado utilizando o sistema de classificação SECCLasS. In António Aguiar Costa, Miguel Azenha (Ed.), 5º Congresso Português de Building Information Modelling Volume 2. Lisboa</p>
2	<p>Silva Pedro, T., Pedro Ferreirinha & Resende, R. (2024). Integração de dados na construção: Desafios e soluções. In António Aguiar Costa, Miguel Azenha (Ed.), 5º Congresso Português de Building Information Modelling Volume 1: ptBIM. (pp. 349-360). Lisboa: UMinho Editora.</p>
3	<p>Lima, F., Roux, S., Pedro, T. & Resende, R. P. (2022). Desenvolvimentos na automação da extração de quantidades: Projeto Metabuilding. In Azenha, M., Lino, J. C., Granja, J., Figueiredo, B., e Martins, J. P. (Ed.), 4º Congresso Português de Building Information Modelling - ptBIM. (pp. 180-191). Braga: UMinho Editora.</p>
4	<p>Mendez, A., Cale, D., Salgado, F., Almeida, I., Miranda, J. M., Granja, J....Pedro, T. (2022). Projeto SECCLASS: O desenvolvimento de um sistema de classificação da construção com componente de sustentabilidade adaptado ao BIM. In Azenha, M., Lino, J. C., Granja, J., Figueiredo, B., e Martins, J. P. (Ed.), 4º Congresso Português de Building Information Modelling - ptBIM. (pp. 268-278). Braga: UMinho Editora.</p> <p>- Times Cited Google Scholar: 4</p>
5	<p>Pedro, T. S., Silva, J. L. & Pereira, R. (2018). Predicting the confusion level of text excerpts with syntactic, lexical and n-gram features. In Luis Gómez Chova; Agustín López Martínez; Ignacio Candel Torres (Ed.), 10th International Conference on Education and New Learning Technologies. (pp. 8417-8426). Palma: IATED.</p> <p>- Times Cited Web of Science®: 1</p> <p>- Times Cited Google Scholar: 1</p>
6	<p>Silva, H., Pedro, T., Pegas, V., Alexandre, I. M. & Lopes, P. F. (2017). Parallel. In Filipe Costa Luz, Daniel Cardoso, Nuno Fachada (Ed.), 10ª Conferência de Ciências e Artes dos Videojogos, VIDEOJOGOS 2017. Lisbon: Universidade Lusófona de Humanidades e Tecnologias.</p>
7	<p>Ourique, L., Eloy, S., Resende, R., Dias, J. M., Pedro, T., Miguel, R....Marques, S. (2017). Spatial perception of landmarks assessed by objective tracking of people and space syntax techniques. In Teresa Heitor, Miguel Serra, João Pinelo Silva, Maria Bacharel and Luisa Cannas da Silva (Ed.), 11th International Space Syntax Symposium. (pp. 2086-2101). Lisboa: Instituto Superior Técnico, Departamento de Engenharia Civil, Arquitetura e Georrecursos, Portugal.</p> <p>- Times Cited Google Scholar: 6</p>

8	Resende, R., Espada, M. & Pedro, T. (2016). Realidade virtual aplicada às obras subterrâneas. In Fernandes, M. M., Gomes, A. T., Marques, J. C., Rios, S., Ferreira, C., Vieira, C. S., Costa, P. A., Borges, J. L., e Menezes, J. E. T. Q. de. (Ed.), 15CNG: 15º Congresso Nacional de Geotecnia e 8º Congresso Luso-Brasileiro de Geotecnia: Livro de Atas de Conferência Nacional. Porto: Sociedade Portuguesa de Geotecnia.
9	Alves, L., Eloy, S., Dias, J., Costa, T. & Gaspar, F. (2015). Multimodal interaction with BIM data in immersive virtual reality. In 3rd BIM International Conference BIC 2015. Porto - Times Cited Google Scholar: 1
10	Eloy, S., Ourique, F., Resende, R., Dias, J., Freitas, J. & Pedro, T. (2015). Analysing people's movement in the built environment via space syntax, objective tracking and gaze data. In Bob, Martens, Gabriel Wurzer, Thomas Grasl, Wolfgang E. Lorenz, Richard Schaffrenek (Ed.), ECAADe 2015: Proceedings of the 33rd International Conference on Education and Research in Computer Aided Architectural Design in Europe. (pp. 341-350). Viena: eCAADe. - Times Cited Web of Science®: 3 - Times Cited Scopus: 4 - Times Cited Google Scholar: 5
11	Dias, J., Coroado, L., Costa, T., d'Alpuim, J., Eloy, S. & Dias, L. (2015). VIARmodes: visualization and iinteraction in mmersive virtual reality for architectural design process . In Thomas Grasl, Bob Martens, Gabriel Wurzer (Ed.), ECAADe 2015: Proceedings of the 33rd International Conference on Education and Research in Computer Aided Architectural Design in Europe. (pp. 125-134). Vienna: CumInCAD . - Times Cited Google Scholar: 18
12	Dias, J., Eloy, S., Carreiro, M., Proença, P., Moural, A., Costa, T....Vilar, E. (2014). Designing better spaces for people: Virtual reality and biometric sensing as tools to evaluate space use. In N. Gu, S. Watanabe, H. Erhan, M. Hank Haeusler, W. Huang, R. Sosa (Ed.), Proceedings of the 19th International Conference on ComputerAided Architectural Design Research in Asia CAADRIA 2014. (pp. 739-748). Hong Kong: CumInCAD . - Times Cited Web of Science®: 9 - Times Cited Google Scholar: 20
13	Moural, A., Eloy, S., Dias, J. & Silva Pedro, T. (2013). How space experimentation can inform design: immersive virtual reality as a design tool. In 18th Conference of the Iberoamerican Society of Digital Graphics - SIGraDi 2013. (pp. 181-185). Valparaíso: CumInCAD . - Times Cited Google Scholar: 9

- Talk

1	Silva, H., Silva Pedro, T., Pegas, V., Alexandre, I. & Lopes, P. F. (2017). Parallel. VIDEOJOGOS 2017 - 10ª Conferência de Ciências e Artes dos Videojogos.
2	Ourique, Lázaro, Eloy, S., Resende, R., Dias, J., Silva Pedro, T., Miguel, J. R....Marques, S. (2017). Spatial perception of landmarks assessed by objective tracking of people and Space Syntax techniques. 11th Space Syntax Symposium. - Times Cited Scopus: 1
3	Resende, R., Margarida Espada & Silva Pedro, T. (2016). Realidade Virtual aplicada às Obras Subterrâneas. 15º Congresso Nacional de Geotecnia. 1
4	Alves, Leandro, Eloy, S., Dias, J., Silva Pedro, T. & Gaspar, F. (2015). Multimodal interaction with BIM data in immersive virtual reality. BIM International Conference (BIC) 2015.

5	Luís Coroado, Alves, Leandro, Eloy, S., Dias, J., Silva Pedro, T. & Gaspar, F. (2015). Visualization and Interaction in immersive virtual reality: from VIARmodes to VIARmodes4BIM. 3rd SUWMIAC - Summer Workshop Microsoft-ISCTE IUL on Applied Computing.
6	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.
7	Luís Coroado, Silva Pedro, T., Alpuim, J., Eloy, S. & Dias, M. S. (2015). VIARmodes: Visualization and interaction in Immersive Virtual Reality for architectural design process. Proceedings of eCADDe 2015 conference. \, 125-134
8	Eloy, S., Ourique, Lázaro, Silva Pedro, T., Resende, R., Dias, J. & Freitas, J. (2015). Analysing People's Movement in the Built Environment via Space Syntax, Objective Tracking and Gaze Data. Real Time - Proceedings of the 33rd eCAADe Conference. 1, 341-350
9	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

• Other Publications

- Other publications

1	Resende, R., Margarida Espada & Silva Pedro, T. (2016). Realidade Virtual aplicada às Obras Subterrâneas. 15º Congresso Nacional de Geotecnia.
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