

Warning: [2024-05-20 02:54] this document is a print-out of the Ciência-IUL web portal and was automatically generated at the labeled date. The document has a mere informational purpose and represents the information contained on Ciência-IUL at that date.

Outdated Information: The information in this public profile may be outdated.

Vitória Albuquerque

Research Interests

Smart Cities, Spatial Data Analysis, Agent Based Modelling, Spatial Interaction Models, Complex Network Theory, Geographic Information Systems, Quantitative Methods, Machine Learning Algorithms, Sensing and IoT

Academic Qualifications

University/Institution	Type	Degree	Period
University College London, The Bartlett	M.Sc.	Smart Cities and Urban Analytics	2015
Universidade Técnica de Lisboa, IST	Integrated M.Sc.	Arquitectura	2010
Universidade do Porto, Faculdade de Economia	Post-graduation	Gestao Imobiliária	2006
Universidade do Porto, Faculdade de Arquitectura	Technical Specialization Course	Metodologias de Intervencao no Património Arquitectónico	2006
Universidade Técnica de Lisboa, Faculdade de Arquitectura	Licenciate	Arquitectura	2003

Supervisions

- **M.Sc. Dissertations**
 - Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Mariana Vitória Gouveia Silva	Mobility in Lisbon based on mobile phone data	--	Developing	ISCTE-IUL

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Daniel Romão Leal	Mobility In Lisbon Based On Smartphone Data	English	ISCTE-IUL	2022
2	Fábio Cordeiro Pereira	Sustainability Measurement at Logistics Transportation Company	English	ISCTE-IUL	2022
3	Bruno Alexandre Nunes Gil	Data driven spatio-temporal analysis of e-cargo bike network in Lisbon and its expansion: the Yoob case study.	English	ISCTE-IUL	2022

Total Citations

Web of Science®	43
Scopus	46

Publications

• Scientific Journals

- Scientific journal paper

1	Rodrigues, R., Albuquerque, V., Ferreira, J., Dias, J. & Martins, A. (2021). Mining electric vehicle adoption of users. <i>World Electric Vehicle Journal</i> . 12 (4) - Times Cited Web of Science®: 1 - Times Cited Scopus: 3 - Times Cited Google Scholar: 5
2	Albuquerque, V., Andrade, F., Ferreira, J., Dias, J. & Bacao, F. (2021). Bike-sharing mobility patterns: a data-driven analysis for the city of Lisbon. <i>EAI Endorsed Transactions on Smart Cities</i> . 21 (16) - Times Cited Google Scholar: 14
3	Albuquerque, V., Oliveira, A., Barbosa, J. L., Rodrigues, R. S., Andrade, F., Dias, J....Ferreira, J. (2021). Smart cities: Data-driven solutions to understand disruptive problems in transportation—The Lisbon case study. <i>Energies</i> . 14 (11) - Times Cited Web of Science®: 11 - Times Cited Scopus: 9 - Times Cited Google Scholar: 18

4	<p>Albuquerque, V., Dias, J. & Bacao, F. (2021). Machine learning approaches to bike-sharing systems: A systematic literature review. <i>ISPRS International Journal of Geo-Information</i>. 10 (2)</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 23 - Times Cited Scopus: 25 - Times Cited Google Scholar: 40
---	---

• Books and Book Chapters

- Book chapter

1	<p>Rodrigues, R., Albuquerque, V., Ferreira, J. C. & Dias, M. S. (2022). EV battery degradation: A data mining approach. In <i>Intelligent Transport Systems. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering</i>. (pp. 177-190).: Springer Cham.</p>
---	---

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	<p>Gil, B., Albuquerque, V., Dias, J., Abrantes, R. & Ogando, M. (2023). Data driven spatiotemporal analysis of e-Cargo bike network in Lisbon and its expansion: The Yoob case study. In Ana Lucia Martins, Joao C. Ferreira, Alexander Kocian, Ulpan Tokkozhina (Ed.), <i>6th EAI International Conference on Intelligent Transport Systems, INTSYS 2022, Proceedings</i>. (pp. 23-39). Lisboa: Springer, Cham.</p>
2	<p>Leal, D., Albuquerque, V., Dias, J. & Ferreira, J. (2023). Analyzing urban mobility based on smartphone data: The Lisbon case study. In Ana Lucia Martins, Joao C. Ferreira, Alexander Kocian, Ulpan Tokkozhina (Ed.), <i>6th EAI International Conference on Intelligent Transport Systems, INTSYS 2022, Proceedings</i>. (pp. 40-54). Lisboa: Springer, Cham.</p> <ul style="list-style-type: none"> - Times Cited Google Scholar: 5
3	<p>Ferreira, J. C., Lopes, A. L. & Albuquerque, V. (2018). Context-aware information in mobile devices. In <i>Lecture Notes in Engineering and Computer Science</i>. (pp. 343-348). San Francisco: International Association of Engineers.</p>
4	<p>Albuquerque, L., Oliveira, C., Teixeira, A., Albuquerque, V., Sa-Couto, P., Freitas, J....Dias, M. S. (2014). Impact of age in the production of European Portuguese vowels. In Li, H., Meng, H. M., Ma, B., Chng, E. S., and Xie, L. (Ed.), <i>15th Annual Conference of the International Speech Communication Association (INTERSPEECH 2014)</i>. (pp. 940-944). Reykjavik, Iceland: International Speech and Communication Association.</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 8 - Times Cited Scopus: 9 - Times Cited Google Scholar: 14

- Talk

1	<p>Albuquerque, V., Dores, A., Ferreira, J. & Dias, J. (2020). Understanding spatiotemporal station and trip activity patterns in the Lisbon bike-sharing system. <i>INTSYS 2020 - 4th EAI International Conference on Intelligent Transport Systems</i>.</p>
---	---