# Alba Fuertes

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5374583/publications.pdf

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|---|---|---|---|
| 33 papers | 1,369 citations | 394421 19 h-index | 414414 32 g-index |
| 34 all docs | 34 docs citations | 34 times ranked | 1326 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The socio-economic, dwelling and appliance related factors affecting electricity consumption in domestic buildings. Renewable and Sustainable Energy Reviews, 2015, 43, 901-917. | 16.4 | 288 |
| 2 | Mitigating construction safety risks using prevention through design. Journal of Safety Research, 2010, 41, 107-122. | 3.6 | 121 |
| 3 | A methodology for predicting the severity of environmental impacts related to the construction process of residential buildings. Building and Environment, 2009, 44, 558-571. | 6.9 | 120 |
| 4 | Stochastic behavioural models of occupants' main bedroom window operation for UK residential buildings. Building and Environment, 2017, 118, 144-158. | 6.9 | 85 |
| 5 | Knowledge management perceptions in construction and design companies. Automation in Construction, 2013, 29, 83-91. | 9.8 | 73 |
| 6 | Standardizing Housing Defects: Classification, Validation, and Benefits. Journal of Construction Engineering and Management - ASCE, 2013, 139, 968-976. | 3.8 | 69 |
| 7 | An Environmental Impact Causal Model for improving the environmental performance of construction processes. Journal of Cleaner Production, 2013, 52, 425-437. | 9.3 | 64 |
| 8 | The relationship between quality defects and the thermal performance of buildings. Renewable and Sustainable Energy Reviews, 2018, 81, 883-894. | 16.4 | 58 |
| 9 | Posthandover Housing Defects: Sources and Origins. Journal of Performance of Constructed Facilities, 2013, 27, 756-762. | 2.0 | 53 |
| 10 | Assessing concerns of interested parties when predicting the significance of environmental impacts related to the construction process of residential buildings. Building and Environment, 2011, 46, 1023-1037. | 6.9 | 49 |
| 11 | Space heating preferences in UK social housing: A socio-technical household survey combined with building audits. Energy and Buildings, 2016, 127, 382-398. | 6.7 | 48 |
| 12 | Do psychological factors relate to energy saving behaviours in inefficient and damp homes? A study among English social housing residents. Energy Research and Social Science, 2019, 47, 146-155. | 6.4 | 41 |
| 13 | Assessing the effectiveness of gamification in reducing domestic energy consumption: Lessons learned from the EnerGAware project. Energy and Buildings, 2020, 210, 109753. | 6.7 | 41 |
| 14 | Influence of Building Type on Post-Handover Defects in Housing. Journal of Performance of Constructed Facilities, 2012, 26, 433-440. | 2.0 | 36 |
| 15 | Model for Enhancing Integrated Identification, Assessment, and Operational Control of On-Site Environmental Impacts and Health and Safety Risks in Construction Firms. Journal of Construction Engineering and Management - ASCE, 2013, 139, 138-147. | 3.8 | 33 |
| 16 | â€œDamp in bathroom. Damp in back room. It's very depressing!â€•exploring the relationship between perceived housing problems, energy affordability concerns, and health and well-being in UK social housing. Energy Policy, 2017, 106, 382-393. | 8.8 | 29 |
| 17 | A comparative analysis of occupational health and safety risk prevention practices in Sweden and Spain. Journal of Safety Research, 2013, 47, 57-65. | 3.6 | 28 |
| 18 | Should We Play Games Where Energy Is Concerned? Perceptions of Serious Gaming as a Technology to Motivate Energy Behaviour Change among Social Housing Residents. Sustainability, 2018, 10, 1729. | 3.2 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Energy use in social housing residents in the UK and recommendations for developing energy behaviour change interventions. Journal of Cleaner Production, 2020, 251, 119643. | 9.3 | 22 |
| 20 | A web-based system for sharing and disseminating research results: The underground construction case study. Automation in Construction, 2010, 19, 458-474. | 9.8 | 19 |
| 21 | The role of thermostatic radiator valves for the control of space heating in UK social-rented households. Energy and Buildings, 2018, 173, 206-220. | 6.7 | 13 |
| 22 | Physical environmental and contextual drivers of occupantsâ€™ manual space heating override behaviour in UK residential buildings. Energy and Buildings, 2019, 183, 129-138. | 6.7 | 13 |
| 23 | The impact of defects on energy performance of buildings: Quality management in social housing developments. Energy Procedia, 2019, 158, 4357-4362. | 1.8 | 9 |
| 24 | Results and insight gained from applying the EnergyCat energy-saving serious game in UK social housing. International Journal of Serious Games, 2020, 7, 27-48. | 1.1 | 6 |
| 25 | A longitudinal assessment of the energy and carbon performance of a Passivhaus university building in the UK. Journal of Building Engineering, 2021, 44, 103353. | 3.4 | 5 |
| 26 | The Actual Performance of Aspiring Low Energy Social Houses in the United Kingdom. Energy Procedia, 2017, 105, 2181-2186. | 1.8 | 4 |
| 27 | The gap between automated building management system and office occupants' manual window operations: Towards personalised algorithms. Automation in Construction, 2021, 132, 103960. | 9.8 | 4 |
| 28 | A Contextualised Multi-Platform Framework to Support Blended Learning Scenarios in Learning Networks. , 0, , 1-19. | | 4 |
| 29 | Delivering Energy-Efficient Social Housing: Implications of the Procurement Process. Procedia Engineering, 2017, 182, 10-17. | 1.2 | 3 |
| 30 | Central heating settings in low energy social housing in the United Kingdom. Energy Procedia, 2019, 158, 3399-3404. | 1.8 | 3 |
| 31 | Experiences of success in industrial plants projects. Revista Ingenieria De Construccion, 2008, 23, . | 0.4 | 2 |
| 32 | Central heating settings and heating energy demand in low energy social housing in the United Kingdom. Energy Procedia, 2019, 158, 3658-3663. | 1.8 | 2 |
| 33 | A method for estimating scheduled and manual override heating behaviour and settings from measurements in low energy UK homes. International Journal of Building Pathology and Adaptation, 2021, ahead-of-print, . | 1.3 | 1 |