Alba Fuertes

List of Publications by Year in descending order

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

Version: 2024-02-01

33 papers	1,369 citations	393982 19 h-index	414034 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.	8.2	288
2	Mitigating construction safety risks using prevention through design. Journal of Safety Research, 2010, 41, 107-122.	1.7	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.	3.0	120
4	Stochastic behavioural models of occupants' main bedroom window operation for UK residential buildings. Building and Environment, 2017, 118, 144-158.	3.0	85
5	Knowledge management perceptions in construction and design companies. Automation in Construction, 2013, 29, 83-91.	4.8	73
6	Standardizing Housing Defects: Classification, Validation, and Benefits. Journal of Construction Engineering and Management - ASCE, 2013, 139, 968-976.	2.0	69
7	An Environmental Impact Causal Model for improving the environmental performance of construction processes. Journal of Cleaner Production, 2013, 52, 425-437.	4.6	64
8	The relationship between quality defects and the thermal performance of buildings. Renewable and Sustainable Energy Reviews, 2018, 81, 883-894.	8.2	58
9	Posthandover Housing Defects: Sources and Origins. Journal of Performance of Constructed Facilities, 2013, 27, 756-762.	1.0	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.	3.0	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.	3.1	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.	3.0	41
13	Assessing the effectiveness of gamification in reducing domestic energy consumption: Lessons learned from the EnerGAware project. Energy and Buildings, 2020, 210, 109753.	3.1	41
14	Influence of Building Type on Post-Handover Defects in Housing. Journal of Performance of Constructed Facilities, 2012, 26, 433-440.	1.0	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.	2.0	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.	4.2	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.	1.7	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.	1.6	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.	4.6	22
20	A web-based system for sharing and disseminating research results: The underground construction case study. Automation in Construction, 2010, 19, 458-474.	4.8	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.	3.1	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.	3.1	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.	0.8	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.	1.6	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.	4.8	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, .	0.7	1