

Alice M Moncaster

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

1,137
citations

13
h-index

32
g-index

32
ext. papers

1,408
ext. citations

5
avg, IF

5.49
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 30 | Circular economy for the built environment: A research framework. <i>Journal of Cleaner Production</i> , 2017 , 143, 710-718 | 10.3 | 337 |
| 29 | Measuring embodied carbon dioxide equivalent of buildings: A review and critique of current industry practice. <i>Energy and Buildings</i> , 2017 , 140, 68-80 | 7 | 149 |
| 28 | Embodied carbon mitigation and reduction in the built environment - What does the evidence say?. <i>Journal of Environmental Management</i> , 2016 , 181, 687-700 | 7.9 | 144 |
| 27 | A method and tool for 'radle to grave' embodied carbon and energy impacts of UK buildings in compliance with the new TC350 standards. <i>Energy and Buildings</i> , 2013 , 66, 514-523 | 7 | 101 |
| 26 | Scrutinising embodied carbon in buildings: The next performance gap made manifest. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 81, 2431-2442 | 16.2 | 80 |
| 25 | IEA EBC annex 57 'Evaluation of embodied energy and CO ₂ e for building construction' <i>Energy and Buildings</i> , 2017 , 154, 72-80 | 7 | 74 |
| 24 | Design and construction strategies for reducing embodied impacts from buildings [Case study analysis. <i>Energy and Buildings</i> , 2018 , 166, 35-47 | 7 | 53 |
| 23 | Analysing methodological choices in calculations of embodied energy and GHG emissions from buildings. <i>Energy and Buildings</i> , 2018 , 158, 1487-1498 | 7 | 42 |
| 22 | A Method to Facilitate Uncertainty Analysis in LCAs of Buildings. <i>Energies</i> , 2017 , 10, 524 | 3.1 | 38 |
| 21 | Widening understanding of low embodied impact buildings: Results and recommendations from 80 multi-national quantitative and qualitative case studies. <i>Journal of Cleaner Production</i> , 2019 , 235, 378-393 | 10.3 | 31 |
| 20 | Embodied carbon of concrete in buildings, Part 1: analysis of published EPD. <i>Buildings and Cities</i> , 2020 , 1, 198-217 | 3.3 | 19 |
| 19 | Furthering embodied carbon assessment in practice: Results of an industry-academia collaborative research project. <i>Energy and Buildings</i> , 2018 , 167, 177-186 | 7 | 15 |
| 18 | Stand-alone Calculation Tools are not the Answer to Embodied Carbon Assessment. <i>Energy Procedia</i> , 2014 , 62, 150-159 | 2.3 | 14 |
| 17 | Estimating Lifetimes and Stock Turnover Dynamics of Urban Residential Buildings in China. <i>Sustainability</i> , 2019 , 11, 3720 | 3.6 | 9 |
| 16 | Briefing: BS 8001 and the built environment: a review and critique. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2019 , 172, 111-114 | 0.9 | 8 |
| 15 | A Theoretical Framework for Circular Economy Research in the Built Environment 2017 , 31-44 | | 6 |
| 14 | Policies and outcomes for UK sustainable schools. <i>Building Research and Information</i> , 2015 , 43, 452-464 | 4.3 | 5 |

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| 13 | Financing energy efficiency measures in buildings – a new method of appraisal. <i>International Journal of Sustainable Building Technology and Urban Development</i> , 2015 , 6, 62-70 | | 2 |
| 12 | Forecasting urban residential stock turnover dynamics using system dynamics and Bayesian model averaging. <i>Applied Energy</i> , 2020 , 275, 115388 | 10.7 | 2 |
| 11 | A Method for Visualising Embodied and Whole Life Carbon of Buildings 2017 , 185-189 | | 1 |
| 10 | Arguments for a co-production approach to community flood protection. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2019 , 172, 335-344 | 0.9 | 1 |
| 9 | Rethinking retrofit of residential heritage buildings. <i>Buildings and Cities</i> , 2021 , 2, 495 | 3.3 | 1 |
| 8 | Retention not demolition: how heritage thinking can inform carbon reduction. <i>Journal of Architectural Conservation</i> , 1-19 | 0.4 | 1 |
| 7 | Modelling future trends of annual embodied energy of urban residential building stock in China. <i>Energy Policy</i> , 2022 , 165, 112932 | 7.2 | 1 |
| 6 | Embodied carbon, embodied energy and renewable energy: a review of Environmental Product Declarations. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 1-33 | 0.9 | 1 |
| 5 | Comparative life cycle analysis of passive systems in the Mediterranean: Comfort, energy, and carbon. <i>Renewable Energy</i> , 2020 , 149, 347-360 | 8.1 | 0 |
| 4 | Reducing carbon from heritage buildings: the importance of residents' views, values and behaviours. <i>Journal of Architectural Conservation</i> , 2021 , 27, 117-146 | 0.4 | 0 |
| 3 | Social value, infrastructure and stakeholder engagement: a complex triangle. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 1-8 | 0.9 | 0 |
| 2 | Modelling Chinese Urban Residential Stock Turnover Uncertainties Using System Dynamics and Bayesian Statistical Inference. <i>Sustainable Development Goals Series</i> , 2022 , 221-240 | 0.5 | |
| 1 | Embodied carbon of concrete in buildings, Part 2: are the messages accurate?. <i>Buildings and Cities</i> , 2022 , 3, 334 | 3.3 | |