# Amaryllis Audenaert

List of Publications by Year
in descending order



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|---|---|---|---|
| 18 papers | 804 citations | 758635 12 h-index | 996533 15 g-index |
| 19 all docs | 19 docs citations | 19 times ranked | 975 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Life cycle assessment in the construction sector: A review. Renewable and Sustainable Energy Reviews, 2013, 26, 379-388. | 8.2 | 386 |
| 2 | Hygrothermal performance evaluation of traditional brick masonry in historic buildings. Energy and Buildings, 2015, 105, 393-411. | 3.1 | 80 |
| 3 | Sustainability assessment of circular building alternatives: Consequential LCA and LCC for internal wall assemblies as a case study in a Belgian context. Journal of Cleaner Production, 2019, 218, 141-156. | 4.6 | 78 |
| 4 | LCA of low-energy flats using the Eco-indicator 99 method: Impact of insulation materials. Energy and Buildings, 2012, 47, 68-73. | 3.1 | 75 |
| 5 | Life cycle operating energy saving from windows retrofitting in heritage buildings accounting for technical performance decay. Journal of Building Engineering, 2018, 17, 135-153. | 1.6 | 32 |
| 6 | Indoor Microclimate Quality (IMQ) certification in heritage and museum buildings: The case study of Vleeshuis museum in Antwerp. Building and Environment, 2017, 124, 478-491. | 3.0 | 25 |
| 7 | Life Cycle Assessment of an Apartment Building: Comparison of an Attributional and Consequential Approach. Energy Procedia, 2014, 62, 132-140. | 1.8 | 21 |
| 8 | Strategies for optimizing the environmental profile of dwellings in a Belgian context: A consequential versus an attributional approach. Journal of Cleaner Production, 2018, 173, 235-244. | 4.6 | 21 |
| 9 | An integrated approach for indoor microclimate diagnosis of heritage and museum buildings: The main exhibition hall of Vleeshuis museum in Antwerp. Energy and Buildings, 2018, 162, 91-108. | 3.1 | 17 |
| 10 | Towards a More Sustainable Building Stock: Optimizing a Flemish Dwelling Using a Life Cycle Approach. Buildings, 2015, 5, 424-448. | 1.4 | 14 |
| 11 | Synthetic Scan and Simultaneous Index Aimed at the Indoor Environmental Quality Evaluation and Certification for People and Artworks in Heritage Buildings. Energy Procedia, 2015, 78, 1365-1370. | 1.8 | 13 |
| 12 | Identifying marginal suppliers of construction materials: consistent modeling and sensitivity analysis on a Belgian case. International Journal of Life Cycle Assessment, 2018, 23, 1624-1640. | 2.2 | 13 |
| 13 | Analysis of the Belgian electricity mix used in environmental life cycle assessment studies: how reliable is the ecoinvent 3.1 mix?. Energy Efficiency, 2019, 12, 1105-1121. | 1.3 | 13 |
| 14 | Barriers for the circular reuse of steel in the Belgian construction sector: an industry-wide perspective. Proceedings of Institution of Civil Engineers: Management, Procurement and Law, 0, , 1-14. | 0.4 | 7 |
| 15 | Revamping corrosion damaged reinforced concrete balconies: Life cycle assessment and life cycle cost of life-extending repair methods. Journal of Building Engineering, 2022, 52, 104436. | 1.6 | 6 |
| 16 | Identification of the Main Environmental Impact Categories Over the Life Cycle of Hot Mix Asphalt: An Application to Green Public Procurement. Transportation Research Record, 2022, 2676, 322-335. | 1.0 | 3 |
| 17 | Vleeshuis Museum: Antwerp (Belgium). , 2018, , 245-273. | | 0 |
| 18 | Formalising the R of Reduce in a Circular Economy Oriented Design Methodology for Pedestrian and Cycling Bridges. J, 2022, 5, 35-50. | 0.6 | 0 |