

# Marc Delghust

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9271131/publications.pdf>

Version: 2024-02-01

16  
papers

187  
citations

1039406

9  
h-index

1058022

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Life cycle energy analysis of a zero-energy house. Building Research and Information, 2013, 41, 435-449.	2.0	32
2	Regulatory energy calculations versus real energy use in high-performance houses. Building Research and Information, 2015, 43, 675-690.	2.0	25
3	Airtightness Assessment of Single Family Houses in Belgium. International Journal of Ventilation, 2014, 12, 379-390.	0.2	18
4	The use of primary energy factors and CO2 intensities for electricity in the European context - A systematic methodological review and critical evaluation of the contemporary literature. Renewable and Sustainable Energy Reviews, 2021, 146, 111182.	8.2	17
5	Effects of window opening on the bedroom environment and resulting sleep quality. Science and Technology for the Built Environment, 2021, 27, 995-1015.	0.8	13
6	Transforming social housing neighbourhoods into sustainable carbon neutral districts. Energy Procedia, 2017, 132, 549-554.	1.8	12
7	Zoning and Intermittency Simplifications in Quasi-steady State Models. Energy Procedia, 2015, 78, 2995-3000.	1.8	11
8	Habitual window opening behaviour in residential buildings. Energy and Buildings, 2021, 252, 111454.	3.1	11
9	Experimental investigation of the impact of room/system design on mixed convection heat transfer. Energy and Buildings, 2012, 49, 542-551.	3.1	10
10	Carbon Dioxide Concentrations and Humidity Levels Measured in Belgian Standard and Low Energy Dwellings with Common Ventilation Strategies. International Journal of Ventilation, 2015, 14, 165-180.	0.2	9
11	Building energy performance: sphere area as a fair normalization concept. Building Research and Information, 2019, 47, 549-566.	2.0	9
12	Environmental and financial assessment of façade renovations designed for change: developing optimal scenarios for apartment buildings in Flanders. Building and Environment, 2020, 183, 107178.	3.0	9
13	Evaluation of the relationship between window use and physical environmental variables: consistency, seasonality and diversity. Journal of Building Performance Simulation, 2021, 14, 366-382.	1.0	5
14	Results of Belgian quality control framework for cavity wall insulation. Bauphysik, 2016, 38, 355-360.	1.2	2
15	The Use of Solar Shading in a Nearly Zero-Energy Neighbourhood. E3S Web of Conferences, 2020, 172, 19003.	0.2	2
16	Stochastic Occupant Behavior Model Based on Activity And Occupancy Patterns. , 0, , .		2