

# Karoline Figueiredo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2745925/publications.pdf>

Version: 2024-02-01

12  
papers

565  
citations

1040018

9  
h-index

1474186

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

377  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of BIM and LCA: Evaluating the environmental impacts of building materials at an early stage of designing a typical office building. Journal of Building Engineering, 2017, 14, 115-126.	3.4	177
2	Integrated optimization with building information modeling and life cycle assessment for generating energy efficient buildings. Applied Energy, 2019, 250, 1366-1382.	10.1	123
3	Sustainable material choice for construction projects: A Life Cycle Sustainability Assessment framework based on BIM and Fuzzy-AHP. Building and Environment, 2021, 196, 107805.	6.9	93
4	Multiple Dimensions of Smart Citiesâ€™ Infrastructure: A Review. Buildings, 2021, 11, 73.	3.1	38
5	A framework to estimate heat energy loss in building operation. Journal of Cleaner Production, 2019, 235, 789-800.	9.3	33
6	Assessing the usability of blockchain for sustainability: Extending key themes to the construction industry. Journal of Cleaner Production, 2022, 343, 131047.	9.3	33
7	Life cycle assessment methodology integrated with BIM as a decision-making tool at early-stages of building design. International Journal of Construction Management, 2022, 22, 541-555.	3.2	28
8	Sustainability Assessment of a Low-Income Building: A BIM-LCSA-FAHP-Based Analysis. Buildings, 2022, 12, 181.	3.1	21
9	Enhancing the passive design of buildings: A mixed integer non-linear programming approach for the selection of building materials and construction building systems. Energy Reports, 2021, 7, 8162-8175.	5.1	10
10	Sustainable Construction Achieved Through Life Cycle Assessment: Methodology, Limitations and the Way Forward. , 2020, , 576-583.		7
11	Daylight Assessment and Energy Consumption Analysis at an Early Stage of Designing Residential Buildings Integrating BIM and LCA. , 2019, , 79-98.		2
12	BIM Methodology applied to Facility Management: development of an integrated tool to benefit the building operation. , 2021, , .		0