

Marcella Ruschi Mendes Saade

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/676220/publications.pdf>

Version: 2024-02-01

22
papers

1,110
citations

687363

13
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

870
citing authors

#	ARTICLE	IF	CITATIONS
1	Embodied GHG emissions of buildings – The hidden challenge for effective climate change mitigation. Applied Energy, 2020, 258, 114107.	10.1	457
2	Buildings environmental impacts' sensitivity related to LCA modelling choices of construction materials. Journal of Cleaner Production, 2017, 156, 805-816.	9.3	149
3	Biogenic carbon in buildings: a critical overview of LCA methods. Buildings and Cities, 2020, 1, 504-524.	2.3	110
4	How has LCA been applied to 3D printing? A systematic literature review and recommendations for future studies. Journal of Cleaner Production, 2020, 244, 118803.	9.3	76
5	Comparative whole building LCAs: How far are our expectations from the documented evidence?. Building and Environment, 2020, 167, 106449.	6.9	58
6	Strategies to Improve the Energy Performance of Buildings: A Review of Their Life Cycle Impact. Buildings, 2018, 8, 105.	3.1	49
7	Appropriateness of environmental impact distribution methods to model blast furnace slag recycling in cement making. Resources, Conservation and Recycling, 2015, 99, 40-47.	10.8	44
8	Influence of technical and electrical equipment in life cycle assessments of buildings: case of a laboratory and research building. International Journal of Life Cycle Assessment, 2021, 26, 852-863.	4.7	21
9	Investigating transparency regardingecoinvent users™ system model choices. International Journal of Life Cycle Assessment, 2019, 24, 1-5.	4.7	20
10	Functional and environmental performance optimization of Portland cement-based materials by combined mineral fillers. Cement and Concrete Research, 2019, 122, 157-178.	11.0	20
11	An LCA methodology for assessing the environmental impacts of building components before and after refurbishment. Journal of Cleaner Production, 2021, 327, 129527.	9.3	19
12	Exploring lifecycle energy and greenhouse gas emissions of a case study with ambitious energy compensation goals in a cooling-dominated climate. Energy and Buildings, 2018, 173, 302-314.	6.7	18
13	Influence of service life, strength and cement type on life cycle environmental performance of concrete. Revista IBRACON De Estruturas E Materiais, 2013, 6, 844-853.	0.6	16
14	Material eco-efficiency indicators for Brazilian buildings. Smart and Sustainable Built Environment, 2014, 3, 54-71.	4.0	14
15	Embodied GHG emissions of buildings – Critical reflection of benchmark comparison and in-depth analysis of drivers. IOP Conference Series: Earth and Environmental Science, 2020, 588, 032048.	0.3	12
16	(Sprayed) concrete production in life cycle assessments: a systematic literature review. International Journal of Life Cycle Assessment, 2020, 25, 188-207.	4.7	10
17	A Preliminary Systematic Investigation onto Sprayed Concrete's Environmental Performance. Procedia CIRP, 2018, 69, 212-217.	1.9	8
18	The contribution of life-cycle assessment to environmentally preferable concrete mix selection for breakwater applications. Ambiente ConstruÁdo, 2018, 18, 413-429.	0.4	5

#	ARTICLE	IF	CITATIONS
19	METHODOLOGICAL DISCUSSION AND PILOTING OF LCA-BASED ENVIRONMENTAL INDICATORS FOR PRODUCT STAGE ASSESSMENT OF BRAZILIAN BUILDINGS. <i>Gestão & Tecnologia De Projetos</i> , 2015, 9, 43.	0.1	3
20	Environmental and Mechanical Evaluation of Blended Cements With High Mineral Admixture Content. <i>Frontiers in Materials</i> , 0, 9, .	2.4	1
21	Impact distribution methodsâ€™ use in multifunctional Life Cycle Assessments: a systematic literature review. <i>PARC: Pesquisa Em Arquitetura E ConstruĂ§Ăo</i> , 2017, 8, 272-285.	0.3	0
22	Embodied greenhouse gas emissions reduction for structural elements in office buildings. <i>Journal of Physics: Conference Series</i> , 2021, 2042, 012165.	0.4	0